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**Information technology — Multimedia framework (MPEG-21) — Part 6:
Rights Data Dictionary**

**Technologie de l'Information – Cadre de Multimedia – Partie 6: Dictionnaire de Gestion
des Droits des Données**

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| Contents | Page |
|---|-------------|
| 1 Scope | 9 |
| 1.1 Organisation of the Document | 9 |
| 1.2 Relationship between the RDD and other parts in the MPEG-21 Framework (Informative) | 10 |
| 1.3 RDD Term Identifier Prefix | 10 |
| 2 Normative References | 10 |
| 3 Terms and Definitions | 11 |
| 4 Documentation Conventions | 12 |
| 5 Rights Data Dictionary | 13 |
| 5.1 Preamble (Informative) | 13 |
| 5.2 Standardized ActTypes supporting REL | 13 |
| 5.3 Family Tree | 16 |
| 5.4 StandardizedTerms | 18 |
| 6 Relationship between REL and RDD | 233 |
| 6.1 REL “Multimedia Rights” as RDD ActTypes | 233 |
| 6.2 Other RDD ActTypes as REL Rights | 233 |
| 6.3 RDD ResourceTypes as REL Resources | 233 |
| 6.4 RDD ContextTypes as REL Conditions | 233 |
| Annex A (Normative) Methodology and Structure of the RDD Dictionary | 234 |
| A.1 Preamble | 234 |
| A.2 Term | 234 |
| A.3 MeaningType | 236 |
| A.4 Authority | 236 |
| A.5 RddlIdentifier | 237 |
| A.6 Headword | 237 |
| A.7 Synonym | 238 |
| A.8 TermDescription | 239 |
| A.9 TermStatus | 241 |
| A.10 Relationship | 244 |
| A.11 Family | 246 |
| A.12 Genealogy | 262 |
| A.13 ContextDescription | 265 |
| A.14 Comment | 268 |
| A.15 Language | 269 |
| A.16 AuditAttributes | 269 |
| A.17 AccessStatus | 271 |
| Annex B (Normative) Rules and Style Guides for Textual Elements and Headwords | 273 |
| B.1 RDD Definitions | 273 |
| B.2 RDD Headwords and Synonyms | 273 |
| B.3 Textual Elements from Authorities other than RDD | 274 |
| Annex C (Normative) Requirements for the Registration Authority for the RDD | 275 |
| C.1 Purpose of the RDD System | 276 |
| C.2 Procedure for Registering a Term or TermSet for use within MPEG-21 Framework | 276 |
| C.3 Responsibilities of the Registration Authority | 276 |
| C.4 Contact Information for the Registration Authority | 277 |
| C.5 Responsibilities of Parties requesting an Rddl | 277 |
| C.6 Fees | 277 |
| C.7 Required qualifications | 278 |
| C.8 Appeal Procedure for Denied Applications | 278 |

Annex D (Informative) Examples of the Application of the RDD279

D.1 Illustrative Example of the Action Family.....279

D.2 Specialization and Mapping282

| Tables | Page |
|--|------|
| Table 1 — Standardized ActType supporting REL | 16 |
| Table 2 — TermAttributes omitted from Table 3 | 18 |
| Table 3 — Standardized Terms | 232 |
| Table 3 — MeaningTypes | 236 |
| Table 4 — Authority: constraints | 237 |
| Table 5 — RddIdentifier: constraints | 237 |
| Table 6 — Headword: constraints | 238 |
| Table 7 — Synonym: constraints | 238 |
| Table 8 — TermDescription: constraints | 239 |
| Table 9 — TermDescriptionType: constraints | 239 |
| Table 10 — TermDescriptionTypes: AllowedValues | 240 |
| Table 11 — TermStatus: constraints | 241 |
| Table 12 — TermStatus: AllowedValues | 242 |
| Table 13 — TermStatus: Occurrence of RddAuthorized TermAttributes | 243 |
| Table 14 — RDD Governance by TermStatus | 243 |
| Table 15 — Normative Adopted TermSets | 243 |
| Table 16 — Relationship: constraints | 244 |
| Table 17 — Symbols used in representation syntax for Relationships | 244 |
| Table 18 — Attributes of a Relationship | 245 |
| Table 19 — ContextModel BasicTermSet | 248 |
| Table 20 — ContextModel TermTypes | 249 |
| Table 21 — ContextModel RelatingTerms | 250 |
| Table 22 — Family Types | 251 |
| Table 23 — ActionFamily Relationships including ContextModel TermTypes | 251 |
| Table 24 — AFRV RelatingTerms for “Act” | 255 |
| Table 25 — ActionFamily Relationships including AFRV RelatingTerms | 255 |
| Table 26 — ActionFamily Reciprocal Relationships | 256 |
| Table 27 — ContextFamily Relationships including StateTypes | 257 |
| Table 28 — ContextFamily QualityTypes | 258 |
| Table 29 — QualityTypes for Context | 258 |
| Table 30 — ContextFamily Relationships including QualityTypes | 258 |
| Table 31 — ContextFamily Reciprocal Relationships | 259 |
| Table 32 — CFRV RelatingTerms from “Context” | 261 |
| Table 33 — Reciprocals of CFRV RelatingTerms | 262 |
| Table 34 — ContextFamily Relationships including CFRV RelatingTerms | 262 |
| Table 35 — Genealogy: constraints | 262 |
| Table 36 — Genealogy: Primary Relationship Types | 263 |
| Table 37 — Genealogy: RelatingTerms for RelatingTerm Genealogies | 264 |
| Table 38 — ContextDescription: constraints | 266 |
| Table 39 — ContextDescription Relationships | 266 |
| Table 40 — ContextDescription Reciprocal Relationships | 267 |
| Table 41 — TermSet: constraints | 268 |
| Table 42 — Comment: constraints | 269 |
| Table 43 — Language: constraints. | 269 |
| Table 44 — AuditAttributes | 270 |
| Table 45 — AccessStatus: AllowedValues | 271 |

| Figures | Page |
|--|------|
| Figure 1 – (Normative) FamilyTree of RDD StandardizedActTypes | 17 |
| Figure 2 - (Normative) Standardized Attributes of a Term | 235 |
| Figure 3 - (Informative) Conventional presentation of a Relationship | 244 |
| Figure 4 - (Informative) Example of a Relationship | 244 |
| Figure 5 - (Informative) Use of ArbitraryValues (1) | 246 |
| Figure 6 - (Informative) Use of ArbitraryValues (2) | 246 |
| Figure 7 - (Normative) RDD ContextModel | 247 |
| Figure 8 - (Informative) RDD ActTypes and Context Model | 252 |
| Figure 9 - (Informative) ContextModel TermType Relationships in the Make” ActionFamily | 252 |
| Figure 10 - (Normative) ActionFamilyRelationalView (“AFRV”) | 253 |
| Figure 11 - (Informative) Underlying common entities of The ContextModel and AFRV | 254 |
| Figure 12 - (Informative) AFRV RelatingTerm Relationships in the “Make” ActionFamily | 255 |
| Figure 13 - (Informative) ActionFamily for “Make” including all RelatingTerms | 257 |
| Figure 14 - (Informative) ContextModel StateType Relationships | 257 |
| Figure 15 - (Informative) QualityType Relationships in the MakingEvent ContextFamily | 258 |
| Figure 16 - (Normative) ContextFamilyRelationalView (“CFRV”) | 260 |
| Figure 16 - (Informative) Underlying common entities of The ContextModel and CFRV | 261 |
| Figure 17 - (Informative) CFRV RelatingTerm Relationships in the “MakingEvent” ContextFamily | 262 |
| Figure 18 - (Informative) Examples of other kinds of Relationships in Genealogies | 264 |
| Figure 19 - (Informative) Possible Genealogy for onix:ReplacesISBN | 264 |
| Figure 20 - (Informative) Genealogy for “OriginatingEvent” | 264 |
| Figure 21 - (Informative) Genealogy for “Patient” | 265 |
| Figure 22 - (Informative) Genealogy for “TermSet” | 265 |
| Figure 23 - (Informative) Genealogy for “SourceForPrinting” | 265 |
| Figure 24 - (Informative) Genealogy for “Term” | 265 |
| Figure 25 - (Informative) ContextDescription for “OriginatingEvent” | 266 |
| Figure 26 - (Informative) ContextDescription for AdaptingEvent (aka CopyingDigitalResourceEvent) | 267 |
| Figure 27 - (Informative) Illustration of possible TermSets by TermStatus | 268 |
| Figure 28 - (Informative) RDD Governance Model | 275 |

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO/IEC 21000 may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 21000-6 was prepared by Joint Technical Committee ISO/IEC JTC 1, Subcommittee SC 29.

ISO/IEC 21000 consists of the following parts, under the general title *Information Technology — Multimedia Framework*:

- *Part 1: Vision, Technologies and Strategy*;
- *Part 2: Digital Item Declaration (DID)*;
- *Part 3: Digital Item Identification (DII)*;
- *Part 4: Intellectual Property Management Tool Representation and Communication System (IPMP TRACS)*;
- *Part 5: Rights Expression Language (REL)*;
- *Part 6: Rights Data Dictionary (RDD)*;
- *Part 7: Digital Item Adaptation (DIA)*;
- *Part 8: Reference Software*.
- *Part 9: File Format*
- *Part 10: Digital Item Processing*
- *Part 11: Evaluation Tools for Persistent Association Technologies*
- *Part 12: Test Bed for MPEG-21 Resource Delivery*

Note: Other parts may be added when needed.

Introduction

Today, many elements exist to build an infrastructure for the delivery and consumption of multimedia content. There is, however, no 'big picture' to describe how these elements, either in existence or under development, relate to each other. The aim for MPEG-21 is to describe how these various elements fit together. Where gaps exist, MPEG-21 will recommend which new standards are required. ISO/IEC JTC 1/SC 29/WG 11 (MPEG) will then develop new standards as appropriate while other relevant standards may be developed by other bodies. These specifications will be integrated into the multimedia framework through collaboration between MPEG and these bodies.

The result is an open framework for multimedia delivery and consumption, with both the content creator and content consumer as focal points. This open framework provides content creators and service providers with equal opportunities in the MPEG-21 enabled open market. This will also be to the benefit of the content consumer providing them access to a large variety of content in an interoperable manner.

The vision for MPEG-21 is to define a multimedia framework to enable transparent and augmented use of multimedia resources across a wide range of networks and devices used by different communities.

This sixth part of MPEG-21 (ISO/IEC 21000-6) specifies a Rights Data Dictionary for use within the MPEG-21 Framework. This Rights Data Dictionary forms the basis of all expressions of rights and permissions as defined by the MPEG-21 Rights Expression Language (specified in ISO/IEC 21000-5).

Information technology — Multimedia framework (MPEG-21) — Part 6: Rights Data Dictionary

1 Scope

The Rights Data Dictionary (RDD) comprises a set of clear, consistent, structured, integrated and uniquely identified Terms (as defined in Clause 5.4) to support the MPEG-21 Rights Expression Language (REL), ISO/IEC 21000-5. Annex A of the MPEG-21 Standard specifies the methodology for and structure of this Dictionary, and specifies how further Terms may be defined under the governance of a Registration Authority, requirements for which are described in Annex C.

Taken together, these specifications and the RDD Dictionary and Database together make up the RDD System. Use of the RDD System will facilitate the accurate exchange and processing of information between interested parties involved in the administration of rights in, and use of, Digital Items, and in particular it is intended to support the REL. Clause 6 describes how the RDD relates to the REL.

As well as providing definitions of Terms for use in the REL, the RDD System is designed to support the mapping of Terms from different namespaces. Such mapping will enable the transformation of metadata from the terminology of one namespace (or Authority) into that of another namespace (or Authority). Mapping, to ensure minimum ambiguity or loss of semantic integrity, will be the responsibility of the Registration Authority, requirements for which are specified in Annex C. Provision of automated Term look-up is also a requirement."

The RDD Dictionary is a *prescriptive* RDD Dictionary, in the sense that it defines a single meaning for a Term represented by a particular RDD name (or Headword), but it is also *inclusive* in that it can recognize the prescription of other Headwords and definitions by other Authorities and incorporates them through mappings. The RDD also supports the circumstance that the same name may have different meanings under different Authorities. The RDD has audit provisions so that additions, amendments and deletions to Terms and their attributes can be tracked.

The RDD recognises legal definitions as and only as Terms from other Authorities that can be mapped into the RDD. Therefore Terms that are directly authorized by RDD neither define nor prescribe intellectual property rights or other legal entities.

1.1 Organisation of the Document

This document contains six Clauses and four Annexes.

Clause 1 contains a Scope statement and this Clause.

Clause 2 comprises a list of Normative References.

Clause 3 comprises a list of Terms and Definitions. The Terms and Definitions in this Clause are those required to navigate the text of the Standard. The Terms of the RDD Dictionary are contained in Clause 5.

Clause 4 describes the documentation conventions used in this document.

Clause 5 contains the Standardized Terms of the RDD Dictionary, set out in the following sub-clauses:

Clause 5.1 – Introduction to the Terms in the RDD Dictionary and the ontology which it embodies. An ontology, in this context, is a structured catalog of entities in which meaning, once defined, can be passed on from one term to another by logical rules of association such as inheritance and opposition. The process by which the RDD Dictionary is structured and can be extended is contained in Annex A.

Clause 5.2 – A table of the thirteen RELStandardizedActTypes which provide the semantic content of the corresponding REL syntactic elements. Each of these RELStandardizedActTypes is included in the full

ISO/IEC FCD 21000-6

RDD Dictionary but they are separated out here for ease of reference for the REL Standard (ISO/IEC 21000-5).

Clause 5.3 – A Figure [Figure 1] in the form of a hierarchical table including the principal ActTypes in the RDD Dictionary (“The RDD Family Tree”) showing how meaning is inherited from one to another within the RDD ontology.

Clause 5.4 – A table (Table 2) containing the RDD Dictionary of StandardizedTerms with their Attributes. The RDD Dictionary includes all the Terms that are required to support the RELStandardizedActTypes, and also all the Terms that are required to support the process for adding new Terms, as specified in Annex A.

Clause 6 describes how the RDD relates to the REL and how Terms from the RDD can provide semantic material for the REL.

Annex A (Normative) specifies the methodology for and structure of the RDD Dictionary, providing information about the supporting model, how the model is used to introduce Terms to the RDD Dictionary and how those Terms can be related. It also shows how further Terms may be defined under the governance of a Registration Authority, requirements for which are described in Annex C.

Annex B (Normative) provides Rules and Style Guides for Textual Elements, in support of the methodology of Annex A.

Annex C (Normative) describes the requirements for a Registration Authority for the RDD.

Annex D (Informative) provides examples of how the RDD can be applied, with illustrative examples of an Action Family, and a specialization of an ActType mapped from an exemplary external dictionary.

For information about the Terms in the RDD Dictionary and their relationship to the syntactic elements of the REL, it is necessary to read the six Clauses.

For information about the methodology of the RDD Dictionary and the ontology upon which it is based, it is necessary to read Annexes A and B.

For information about the requirements for the Registration Authority, which will govern the process of extending the dictionary, it is necessary to read Annex C.

For examples of how the RDD Dictionary can be implemented for the development of new Terms and their use in the REL, it is necessary to read Annex D.

1.2 Relationship between the RDD and other parts in the MPEG-21 Framework (Informative)

At present the only specific relationship with other parts of ISO/IEC 21000 is with Part 5, the Rights Expression Language. A description of this relationship is set out in Clause 6.

1.3 RDD Term Identifier Prefix

The RDD Term Identifier Prefix will be `urn:mpeg:mpeg21:2002:01-RDD-NS`. The “01” represents a serial number that may be expected to change consequent upon the maintenance activities of the Registration Authority.

2 Normative References

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 21000. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO/IEC 21000 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO/IEC TR 21000-1. *Information Technology – Multimedia Framework – Vision, Technologies and Strategy*. 2001

ISO/IEC IS 21000-2. *Information Technology – Multimedia Framework – Digital Item Declaration*. 2002

ISO/IEC IS 21000-3. *Information Technology – Multimedia Framework – Digital Item Identification*. 2002

ISO 639:1988. *Code for the representation of names of languages*

ISO 639-2:1998 *Codes for the representation of names of languages -- Part 2: Alpha-3 code*

ISO 3166-1:1997 *Codes for the representation of names of countries and their subdivisions -- Part 1: Country codes*

ISO 3166-2:1998 *Codes for the representation of names of countries and their subdivisions -- Part 2: Country subdivision code*

ISO 3166-3:1999 *Codes for the representation of names of countries and their subdivisions -- Part 3: Code for formerly used names of countries*

ISO 4217:2001 *Codes for the representation of currencies and funds*

ISO 8601:2000 *Data elements and interchange formats -- Information interchange -- Representation of dates and times*

3 Terms and Definitions

For the purposes of this part of ISO/IEC 21000, the terms and definitions in this Clause apply.

Terms in this Standard, which have initial capital letters, have formal definitions either in this Clause or in the Rights Data Dictionary itself in Clause 5.4 (Table 2).

Because this part of ISO/IEC 21000 is concerned with the definition of terms, most of the Terms used in describing the Standard are themselves “StandardizedTerms” in the RDD, and their definitions are all found in the alphabetical listing in Clause 5.4 (Table 2). Definitions of Terms which are relied upon in the Standard but are not StandardizedTerms are listed in this Clause.

Definitions for terms presented in this Standard with initial Capitals and otherwise in lower case (for example, Act, AdoptedTerm) are given in Clause 3 or in Clause 5.4 (Table 2).

RDD Database

The tool containing the RDD Dictionary and supporting its maintenance.

RDD Dictionary

The Terms and their TermAttributes defined according to this Standard.

RDD System

A system comprising the RDD Dictionary, the RDD Database and the specifications contained in Annex A.

RDD Registration Authority

The Registration Authority appointed to administer this Standard.

REL

The Rights Expression Language as defined in ISO/IEC 21000-5.

4 Documentation Conventions

The notation and modelling conventions used in this Standard are specific to, and exist for the purpose of, this Standard only. This refers to the notation used in the presentation of Relationships (as explained in A.10 and used in Clause 5.4 and Annexes A and D), the diagrammatic presentations of the Term-Attribute relationships in Figure 2, and the entity relation models in Figures 7 and 8.

5 Rights Data Dictionary

5.1 Preamble (Informative)

The StandardizedTerms in this Clause are specifically defined to support the ISO/IEC 21000-5 REL and provide the foundation of the RDD. New Terms, developed specifically to support REL requirements, independently or from mappings from other schemas, can be added to the RDD through the registration of such Terms with the Registration Authority, requirements for which are described in Annex C. Once new Terms have been added to the RDD Dictionary, they may be used explicitly in REL expressions, or they may be translated into appropriate REL expressions through the process of mapping described in the RDD methodology in Annex A. The RDD process is therefore flexible, capable both of supporting the REL directly and of providing a means by which it can be supported in future by the addition of Terms from external schemas, thus providing for interoperability between different Authorities.

5.2 Standardized ActTypes supporting REL

This table shows the thirteen ActTypes which provide the semantic content for the correspondingly-named syntactic elements in the REL. These ActTypes provide basic functionality for the REL. Employed within a rights expression, the corresponding REL syntactic elements are capable of being used to create licences required by Rights Holders.

The thirteen ActTypes in this Standard have been defined in response to requirements identified in the process of developing the REL and RDD Standards, particularly focussed on common processes in the use and adaptation of Digital Resources. However, it is recognised that in future further ActTypes will have to be introduced into the RDD in response to new requirements from REL users, and either a corresponding syntactic element may be introduced by amendment directly into the REL Standard, or one of the mechanisms described in Annex C of ISO/IEC 21000-5 or Clause 6.2 of ISO/IEC 21000-6 to reference the new RDD ActType may be used.

Terms in bold in Table 1 are formally defined in the RDD Dictionary.

| ActType | Parent(s) | Definition | Comments |
|----------------|---------------|---|--|
| Modify | Change | To Change a Resource , preserving the alterations made. | <p>With Modify, a single Resource is preserved at the end of the process (that is, no additional Resource(s) come into existence). Changes may include the addition and removal of elements of the original Resource, including the Embedding of other Resources within it.</p> <p>Specializations of Modify may differentiate themselves by requiring specific attributes of the Resource to be preserved or changed. The specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed.</p> |
| Enlarge | Modify | To Modify a Resource by adding to it. | <p>With Enlarge, a single Resource is preserved at the end of the process. Changes may include the addition of new material, including the Embedding of other Resources, but not the changing or removal of existing elements of the original Resource.</p> |

| | | | |
|---------------|----------------------------------|--|---|
| Reduce | Modify | To Modify a Resource by taking away from it. | With Reduce , a single Resource is preserved at the end of the process. Changes may include only the removal of existing elements of the original Resource . |
| Move | Modify | To relocate a Resource from one Place to another. | <p>When Move is applied to a Resource, at least its location is Changed.</p> <p>Specializations of Move may differentiate themselves by requiring specific attributes of the Resource to be preserved or changed in the process of Moving. The specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed.</p> |
| Adapt | Derive, ChangeTransiently | To ChangeTransiently an existing Resource to Derive a new Resource . | <p>With Adapt, two distinct Resources will exist at the end of the process, one of which is the original Resource in unchanged form, and one which is newly made. Changes may include the addition and removal of elements of the original Resource, including the Embedding of other Resources. Changes may be made temporarily to the original resource in the course of the Adapt process, but such changes are not saved in the original Resource at the end of the process.</p> <p>Specializations of Adapt may differentiate themselves by requiring specific attributes of the Resource to be preserved or changed. The specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed.</p> <p>Most ActTypes that are generally known as "copying" may be represented in RDD as children of Adapt. In most domains "copy" typically means to Derive a new Resource which has the same set of specified or implied attributes as its Source, a common example being the "copying" of a Digital Object. However, the concept of "sameness" is not to be confused with that of identity, as two things cannot technically be "identical" because at the very least they will have different spatial or temporal attributes (that is, they will be located in a different place, or created at a different time), and so a "copy" with absolutely identical attributes to the original cannot logically exist. Particular interpretations of "copy" can be defined as specializations of Adapt [for further explanation see Annex D].</p> |

| | | | |
|------------------|------------------------|---|--|
| Extract | Adapt | To take a part out of an existing Resource to Derive a new Resource . | <p>With Extract, two distinct Resources will exist at the end of the process, one of which is the original Resource in unchanged form, and one which is newly made and whose content is Adapted from a part of the original Resource. Changes may be made temporarily to the original resource in the course of the Extract process, but such changes are not saved in the original Resource at the end of the process.</p> <p>Specializations of Extract may differentiate themselves by requiring specific attributes of the extracted part of the Resource to be preserved or changed in the process of Embedding. The specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except Attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed.</p> |
| Embed | Relate | To put a Resource into another Resource . | The Resource into which a Resource is Embedded may be pre-existing, or may be created by the act of combining this Resource with one or more others. Embed refers only to the embedding of an existing Resource in another. If a "copy" of an existing Resource is to be created and Embedded in another, then both Adapt and Embed are required. |
| Play | Render, Perform | To Derive a Transient and directly Perceivable representation of a Resource . | Play may cover the making of any forms of Transient representation that may be Perceived directly (that is, without any intermediary process) with at least one of the five human senses. Play includes playing a video or audio clip, displaying an image or text document, or creating Transient representations that may be touched, or Perceived to be touched. When Play is applied to a DigitalResource , content may be rendered in any order or sequence according to the technical constraints of the DigitalResource and renderer. |
| Print | Render, Fix | To Derive a Fixed and directly Perceivable representation of a Resource . | Print refers to the making of a Fixed physical representation, such as hard-copy prints of images or text, that may be Perceived directly (that is, without any intermediary process) with one or more of the five human senses. |
| Install | InteractWith | To follow the instructions provided by an InstallingResource . | An InstallingResource is a Resource that provides instructions which when followed result in one or more Resources that are new, or Enabled , or both new and Enabled . |
| Execute | Activate | To execute a DigitalResource . | Execute refers to the primitive computing process of executing. Execute applies only to a DigitalResource . |
| Uninstall | InteractWith | To follow the instructions provided by an UninstallingResource . | An UninstallingResource is a Resource that provides instructions which when followed result in one or more Resources that had previously been Installed being Disabled or Deleted . |

| | | | |
|---------------|----------------|--|--|
| Delete | Destroy | To Destroy a DigitalResource . | Delete applies only to DigitalResources . Delete is not capable of reversal. After a Delete process, an "undelete" action is impossible. |
|---------------|----------------|--|--|

Table 1 — Standardized ActType supporting REL

5.3 Family Tree

Figure 1 shows the ActTypes in the RDD Standard arranged hierarchically from left to right. REL StandardizedActTypes are highlighted in bold in shaded boxes. Semantic inheritance goes through specialization from left to right: meaning flows in from the ActType on the left and flows out to any ActTypes on the right. Four ActTypes in this tree (Derive, Adapt, Play and Print) have multiple parentage. On their second appearance in the table they are shown with an asterisk *, and any Types they have are not repeated.

Each of the ActTypes in this Family Tree has an "ActionFamily" of related Terms in the RDD, defined according to the process shown in Annex A (A.11). An illustrative example of the development of an ActionFamily is shown in Annex D.

The RDD Family Tree is an ontology which will be extended through the registration of new Terms with the Registration Authority. The RDD StandardizedActTypes included in the are the REL StandardizedActTypes supporting REL, others required to support the definitions of the REL StandardizedActTypes and others required to support the methodology for defining RDD Terms set out in Annex A.

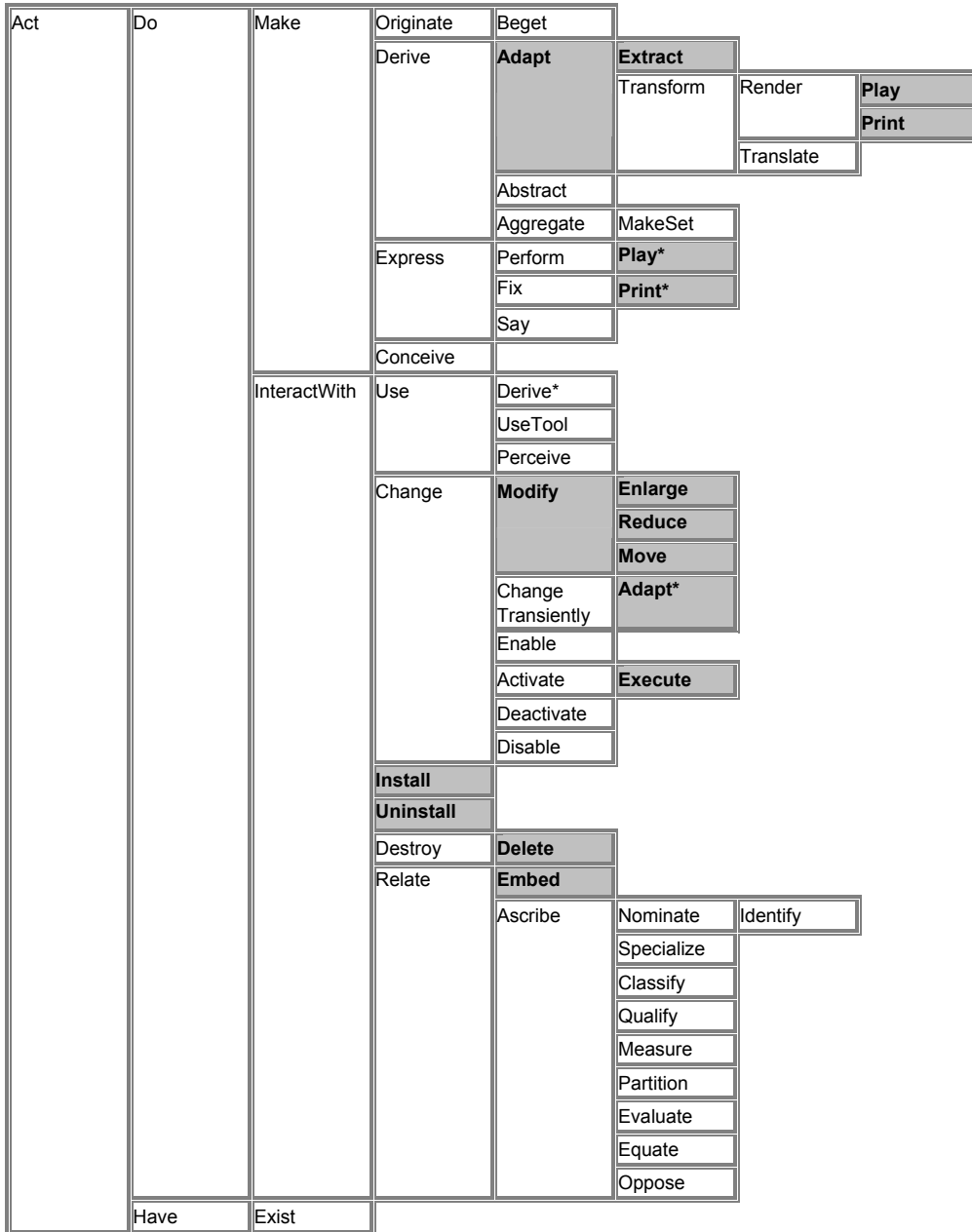


Figure 1 – (Normative) FamilyTree of RDD StandardizedActTypes

5.4 StandardizedTerms

This Clause contains all the RDD StandardizedTerms listed in alphabetic order according to their Headword. Each Term is shown with its TermAttributes as defined in Annex A.2.1, (exceptions to this are shown in Table 2). To assist in navigating the hierarchy of the RDD Dictionary, each Term also shows all of its immediate Types and AllowedValues, where these exist.

| TermAttribute (reference) | Reason for omission from Table 3 |
|-------------------------------|---|
| RddIdentifier (A.5) | These will not be created until the RDD Dictionary is implemented in the RDD Database by the RDD Registration Authority. Each Term shall have exactly one RddIdentifier. RddIdentifiers shall be expressible as URIs in the form xxx:yyy where "xxx" represents the RDD Term Identifier Prefix as defined in Clause 1.3 and "yyy" will be in a form to be determined by the Registration Authority. |
| Authority (A.4) | The Authority for every Term in Table 3 is "RddAuthority". |
| TermStatus (A.9) | The TermStatus for every Term in Table 3 is "StandardizedTerm". |
| Relationship (A.10) | Relationships are shown as part of each Term's Genealogy, ContextDescription and Family, and also with in the listings of Types. Relationships that do not fall within one of these RelationshipSets are not shown. |
| AuditAttributes (A.17) | There will be none until the RDD System is operational. |

Table 2 – TermAttributes omitted from Table 3

The criteria for inclusion of Terms in the Standardized RDD Dictionary are:

- All StandardizedActTypes supporting REL (Clause 5.2)
- other Terms required to support the definitions of the REL StandardizedActTypes, including parent ActTypes (Clause 5.3); and
- others Terms required to support the methodology for defining RDD Terms set out in Annex A.

To ensure that ActTypes are fully defined, each ActType is supported by a complete ActionFamily, and its Context by a ContextDescription and such ContextFamily members are required to support the other criteria.

Comment: (Informative) The RDD Dictionary is highly relational and it is designed to support various forms of automated use (for example, online queries or XML documents for inputs and outputs) based on the RDD Database to be overseen by the RegistrationAuthority. Because of its mapping function, the RDD is also expected to grow quickly and substantially with the addition of Native, Adopted, Mapped and Isolated Terms. A printed listing does not therefore represent an ideal means of presentation the Terms and is not intended as the definitive vehicle for conveying the Dictionary.

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Abstract To Derive a new Conceptual Resource from a Manifestation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Abstract → IsTypeOf → Conceive 2 Abstract → IsTypeOf → Derive <i>ActionFamily</i> 1 Abstract → BegetsContextType → AbstractingEvent 2 Abstract → BegetsAgentType → Abstracter 3 Abstract → BegetsResourceType → Abstraction 4 Abstract → BegetsResourceType → SourceOfAbstraction 5 Abstract → BegetsResourceType → AbstractingTool 6 Abstract → BegetsTimeType → TimeOfAbstracting 7 Abstract → BegetsPlaceType → PlaceOfAbstracting 8 Abstract → BegetsPlaceType → PlaceOfAbstractingFrom 9 Abstract → BegetsPlaceType → PlaceOfAbstractingTo |
| Abstracted The HistoricQuality of Abstraction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Abstracted → IsQualityTypeBegottenBy → AbstractingEvent 2 Abstracted → IsHistoricQualityOf → Abstraction 3 Abstracted → IsTypeOf → Conceived 4 Abstracted → IsTypeOf → Derived |
| Abstracter An Agent that Abstracts. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Abstracter → IsAgentTypeBegottenBy → Abstract 2 Abstracter → IsTypeOf → Conceiver 3 Abstracter → IsTypeOf → Deriver |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| AbstractingEvent An Event in which a Resource is Abstracted. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AbstractingEvent → IsContextTypeBegottenBy → Abstract 2 AbstractingEvent → IsTypeOf → Conception 3 AbstractingEvent → IsTypeOf → DerivingEvent <i>ContextDescription</i> 1 AbstractingEvent → HasActType → Abstract[occ:1] 2 AbstractingEvent → HasAgentType → Abstracter[occ:1-n] 3 AbstractingEvent → HasResourceType → Abstraction[occ:1-n] 4 AbstractingEvent → HasResourceType → SourceOfAbstraction[occ:1-n] 5 AbstractingEvent → HasResourceType → AbstractingTool[occ:0-n] 6 AbstractingEvent → HasTimeType → TimeOfAbstracting[occ:1-n] 7 AbstractingEvent → HasPlaceType → PlaceOfAbstracting[#1.n][occ:1-n] 8 AbstractingEvent → HasPlaceType → PlaceOfAbstractingFrom[#2.n][occ:0-n] 9 [#2.n] → IsPartOf → [#1.n] 10 AbstractingEvent → HasPlaceType → PlaceOfAbstractingTo[#3.n][occ:0-n] 11 [#3.n] → IsPartOf → [#1.n] <i>ContextFamily</i> 1 AbstractingEvent → BegetsQualityType → Abstracted |
| AbstractingTool A Tool Used to Abstract. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AbstractingTool → IsResourceTypeBegottenBy → Abstract 2 AbstractingTool → IsTypeOf → ConceivingTool 3 AbstractingTool → IsTypeOf → DerivingTool |
| Abstraction A Conceptual Resource Derived from a Manifestation. <i>Scope of Abstraction</i> An <i>Abstraction</i> is derived from a Manifestation and represents its underlying conceptual elements. It is a conceptual Output which may be recognized in different Manifestations (for example, a song recognized in different performances, or a story told in different versions or translations) but which has no definitive Perceivable characteristics. Often the name "abstract work" is used to describe this, but the concept of a "work" is widely used to represent intellectual property, and not all Abstractions are necessarily intellectual property. An Abstraction cannot pre-exist a Manifestation: a Output that is Conceived but not yet Expressed is a <i>Concept</i> , not an Abstraction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Abstraction → IsResourceTypeBegottenBy → Abstract 2 Abstraction → IsTypeOf → Concept 3 Abstraction → IsTypeOf → Derivation <i>Type(s)</i> 1 Abstraction → HasType → Meaning 2 Abstraction → HasType → ContextModel |

| | |
|--|--|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| AccessStatus A Status whose Value determines which RddUsers may have access to a Term or TermAttribute. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AccessStatus → IsTypeOf → Status <i>Allowed Values</i> 1 AccessStatus → HasAllowedValue → OpenAccess 2 AccessStatus → HasAllowedValue → RestrictedAccess |
| Act To act. <i>Scope of Act</i> Act is the <i>FirstTerm</i> in the Dictionary. It is the only RddAuthorized Term with an OriginalMeaning. It is the parent to all other verbs (<i>ActTypes</i>) and covers all kinds of behaviour and activity. Act is the root of the ActionFamily of Terms which include the <i>BasicTerms</i> of the <i>ContextModel</i> , from which most NativeTerms are Begotten or Specialized. <i>Types of Act</i> Every verb is a specialization of Act, including verbs with or without <i>Agents</i> ; transitive and intransitive verbs (with or without <i>Resources</i>); "passive" verbs of occurrence; and "static" verbs of being and possessing (eg <i>Exist</i> and <i>Have</i>) which involve no attribute change either Transient or Permanent. | <i>MeaningType</i> : Original <i>Genealogy</i> 1 Act → IsEqualTo → FirstTerm <i>Type(s)</i> 1 Act → HasType → Do 2 Act → HasType → Have <i>ActionFamily</i> 1 Act → BegetsContextType → Context 2 Act → BegetsAgentType → Agent 3 Act → BegetsResourceType → Resource 4 Act → BegetsTimeType → Time 5 Act → BegetsPlaceType → Place 6 Act → BegetsRelatingTerm → icoAgent 7 Act → BegetsRelatingTerm → IsAgentIn 8 Act → BegetsRelatingTerm → icoResource 9 Act → BegetsRelatingTerm → IsResourceIn 10 Act → BegetsRelatingTerm → icoTime 11 Act → BegetsRelatingTerm → IsTimeIn 12 Act → BegetsRelatingTerm → icoPlace 13 Act → BegetsRelatingTerm → IsPlaceIn 14 Act → BegetsRelatingTerm → HasCo-Agent 15 Act → BegetsRelatingTerm → IsAgentActingOn 16 Act → BegetsRelatingTerm → IsResourceActedOnBy 17 Act → BegetsRelatingTerm → IsAgentAtTime 18 Act → BegetsRelatingTerm → IsTimeOfActingBy 19 Act → BegetsRelatingTerm → IsAgentInPlace 20 Act → BegetsRelatingTerm → IsPlaceOfActingBy 21 Act → BegetsRelatingTerm → HasCo-Resource 22 Act → BegetsRelatingTerm → IsResourceAtTime 23 Act → BegetsRelatingTerm → IsTimeOfBeingActedOnOf 24 Act → BegetsRelatingTerm → IsResourceInPlace 25 Act → BegetsRelatingTerm → IsPlaceOfBeingActedOnOf 26 Act → BegetsRelatingTerm → HasCo-TimeOfActing 27 Act → BegetsRelatingTerm → IsTimeOfActingInPlace 28 Act → BegetsRelatingTerm → IsPlaceOfActingAtTime 29 Act → BegetsRelatingTerm → HasCo-PlaceOfActing |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|--|
| Acted The HistoricQuality of Agent. | MeaningType: Derived Genealogy 1 Acted → IsQualityTypeBegottenBy → Context 2 Acted → IsHistoricQualityOf → Agent Type(s) 1 Acted → HasType → Had |
| ActedOn The HistoricQuality of Resource. | MeaningType: Derived Genealogy 1 ActedOn → IsQualityTypeBegottenBy → Context 2 ActedOn → IsHistoricQualityOf → Resource Type(s) 1 ActedOn → HasType → Done 2 ActedOn → HasType → Attributed |
| Acting The PresentQuality of Agent. | MeaningType: Derived Genealogy 1 Acting → IsQualityTypeBegottenBy → Context 2 Acting → IsPresentQualityOf → Agent Type(s) 1 Acting → HasType → Doing 2 Acting → HasType → Having |
| Actionable The PotentialQuality of Resource. | MeaningType: Derived Genealogy 1 Actionable → IsQualityTypeBegottenBy → Context 2 Actionable → IsPotentialQualityOf → Resource Type(s) 1 Actionable → HasType → Doable |
| ActionFamily The Family Begotten by an ActType. Scope of ActionFamily An <i>ActionFamily</i> comprises the Relationships between an ActType and the Terms which it Begets through the application of the ContextModel. An ActionFamily automatically Begets all possible BasicTerms (except AFRV RelatingTerms) according to its structure. | MeaningType: PartlyDerived Genealogy 1 ActionFamily → IsTypeOf → Family |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| ActionFamilyRelationalView A group of Relationships expressing the impact of a Type of Act as a set of one-to-one Relationships between its Agents, Resources, Times and Places. <i>Synonym(s)</i> : AFRV | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 ActionFamilyRelationalView → IsTypeOf → RelationshipSet |
| Activatable The PotentialQuality of ActivatedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Activatable → IsQualityTypeBegottenBy → Activation 2 Activatable → IsPotentialQualityOf → ActivatedResource 3 Activatable → IsTypeOf → Changeable <i>Type(s)</i> 1 Activatable → HasType → Executable |
| Activate To make a Resource Do something. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Activate → IsTypeOf → Change 2 Activate → IsOpposedTo → Deactivate <i>Type(s)</i> 1 Activate → HasType → Execute <i>ActionFamily</i> 1 Activate → BegetsContextType → Activation 2 Activate → BegetsAgentType → Activator 3 Activate → BegetsResourceType → ActivatedResource 4 Activate → BegetsResourceType → ActivatingTool 5 Activate → BegetsTimeType → TimeOfActivating 6 Activate → BegetsPlaceType → PlaceOfActivating |
| Activated The HistoricQuality of ActivatedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Activated → IsQualityTypeBegottenBy → Activation 2 Activated → IsHistoricQualityOf → ActivatedResource 3 Activated → IsTypeOf → Changed <i>Type(s)</i> 1 Activated → HasType → Executed |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| ActivatedResource A Resource which is Activated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ActivatedResource → IsResourceTypeBegottenBy → Activate 2 ActivatedResource → IsTypeOf → ChangedResource <i>Type(s)</i> 1 ActivatedResource → HasType → ExecutedResource |
| ActivatingTool A Tool Used to Activate. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ActivatingTool → IsResourceTypeBegottenBy → Activate 2 ActivatingTool → IsTypeOf → ChangingTool <i>Type(s)</i> 1 ActivatingTool → HasType → ExecutingTool |
| Activation An Event in which a Resource is Activated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Activation → IsContextTypeBegottenBy → Activate 2 Activation → IsTypeOf → ChangingEvent <i>Type(s)</i> 1 Activation → HasType → Execution <i>ContextDescription</i> 1 Activation → HasActType → Activate[occ:1] 2 Activation → HasAgentType → Activator[occ:1-n] 3 Activation → HasResourceType → ActivatedResource[occ:1-n] 4 Activation → HasResourceType → ActivatingTool[occ:0-n] 5 Activation → HasTimeType → TimeOfActivating[occ:1-n] 6 Activation → HasPlaceType → PlaceOfActivating[occ:1-n] <i>ContextFamily</i> 1 Activation → BegetsQualityType → Activated 2 Activation → BegetsQualityType → Activatable |
| Activator An Agent that Activates a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Activator → IsAgentTypeBegottenBy → Activate 2 Activator → IsTypeOf → Changer <i>Type(s)</i> 1 Activator → HasType → Executor |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| ActType A Class of which every Type of Act is an Instance. <i>Scope of ActType</i> <i>ActType</i> is introduced through the <i>ContextModel</i> as the Class of all Types of <i>Act</i> , one of the six members of the <i>BasicTermSet</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ActType → IsTypeOf → Class |
| Adapt To ChangeTransiently an existing Resource to Derive a new Resource. <i>Scope of Adapt</i> With <i>Adapt</i> , two distinct Resources will exist at the end of the process, one of which is the original Resource in unchanged form, and one which is newly made. Changes may include the addition and removal of elements of the original Resource, including the Embedding of other Resources. Changes may be made temporarily to the original resource in the course of the Adapt process, but such changes are not saved in the original Resource at the end of the process. <i>Types of Adapt in the MPEG21 REL</i> Specializations of <i>Adapt</i> may differentiate themselves by requiring specific attributes of the Resource to be preserved or changed. In the MPEG21 REL these specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed. <i>Adapt and "Copy"</i> Most ActTypes that are generally known as "copying" may be represented in RDD as children of <i>Adapt</i> . In most domains "copy" typically means to Derive a new Resource which has the same set of specified or implied attributes as its Source, a common example being the "copying" of a DigitalObject. However, the concept of "sameness" is not to be confused with that of identity, as two things cannot technically be "identical" because at the very least they will have different spatial or temporal attributes (that is, they will be located in a different place, or created at a different time), and so a "copy" with absolutely identical attributes to the original cannot logically exist. Particular interpretations of "copy" can be defined as specializations of <i>Adapt</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Adapt → IsTypeOf → Derive 2 Adapt → IsTypeOf → ChangeTransiently <i>Type(s)</i> 1 Adapt → HasType → Extract 2 Adapt → HasType → Transform <i>ActionFamily</i> 1 Adapt → BegetsContextType → AdaptingEvent 2 Adapt → BegetsAgentType → Adaptor 3 Adapt → BegetsResourceType → Adaptation 4 Adapt → BegetsResourceType → SourceOfAdaptation 5 Adapt → BegetsResourceType → AdaptingTool 6 Adapt → BegetsTimeType → TimeOfAdapting 7 Adapt → BegetsPlaceType → PlaceOfAdapting 8 Adapt → BegetsPlaceType → PlaceOfAdaptingFrom 9 Adapt → BegetsPlaceType → PlaceOfAdaptingTo 10 Adapt → BegetsRelatingTerm → IsAdaptorOf 11 Adapt → BegetsRelatingTerm → IsAdaptedBy 12 Adapt → BegetsRelatingTerm → IsAdaptationOf 13 Adapt → BegetsRelatingTerm → HasAdaptation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Adaptation A Resource that is Adapted from another Resource. <i>Adaptation and SourceOfAdaptation</i> Although the <i>Adaptation</i> is made from the <i>SourceOfAdaptation</i> , at the end of the process there does not need to be any resemblance between the two. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Adaptation → IsResourceTypeBegottenBy → Adapt 2 Adaptation → IsTypeOf → Derivation <i>Type(s)</i> 1 Adaptation → HasType → Excerpt 2 Adaptation → HasType → Transformation |
| Adapted The HistoricQuality of Adaptation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Adapted → IsQualityTypeBegottenBy → AdaptingEvent 2 Adapted → IsHistoricQualityOf → Adaptation 3 Adapted → IsTypeOf → Derived <i>Type(s)</i> 1 Adapted → HasType → Extracted 2 Adapted → HasType → Transformed |
| AdaptingEvent An Event in which a Resource is Adapted. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AdaptingEvent → IsContextTypeBegottenBy → Adapt 2 AdaptingEvent → IsTypeOf → DerivingEvent 3 AdaptingEvent → IsTypeOf → TransientChangeEvent <i>Type(s)</i> 1 AdaptingEvent → HasType → ExtractingEvent 2 AdaptingEvent → HasType → TransformingEvent <i>ContextDescription</i> 1 AdaptingEvent → HasActType → Adapt[occ:1] 2 AdaptingEvent → HasAgentType → Adaptor[occ:1-n] 3 AdaptingEvent → HasResourceType → Adaptation[#1.n][occ:1-n] 4 [#1.n] → HasPlace → [#5.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 AdaptingEvent → HasResourceType → SourceOfAdaptation[#2.n][occ:1-n] 7 AdaptingEvent → HasResourceType → AdaptingTool[occ:0-n] 8 AdaptingEvent → HasTimeType → TimeOfAdapting[occ:1-n] 9 AdaptingEvent → HasPlaceType → PlaceOfAdapting[#3.n][occ:1-n] 10 AdaptingEvent → HasPlaceType → PlaceOfAdaptingFrom[#9.n][occ:1-n] 11 [#4.n] → IsPartOf → [#3.n] 12 [#5.n] → IsPartOf → [#4.n] 13 AdaptingEvent → HasPlaceType → PlaceOfAdaptingTo[#5.n][occ:1-n] 14 [#5.n] → IsEqualTo → [#3.n][true:Sometimes] <i>ContextFamily</i> 1 AdaptingEvent → BegetsQualityType → Adapted |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| AdaptingTool A Tool Used to Adapt. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AdaptingTool → IsResourceTypeBegottenBy → Adapt 2 AdaptingTool → IsTypeOf → DerivingTool 3 AdaptingTool → IsTypeOf → ToolForChangingTransiently <i>Type(s)</i> 1 AdaptingTool → HasType → ExtractingTool 2 AdaptingTool → HasType → TransformingTool |
| Adaptor An Agent that Adapts. <i>Synonym(s)</i> : Adapter | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Adaptor → IsAgentTypeBegottenBy → Adapt 2 Adaptor → IsTypeOf → Deriver 3 Adaptor → IsTypeOf → ChangerTransiently <i>Type(s)</i> 1 Adaptor → HasType → Extractor 2 Adaptor → HasType → Transformer |
| AdoptedDefinition A Definition adopted by the RddAuthority from another Authority. <i>Occurrence of AdoptedDefinition in the RDD Dictionary</i> An AdoptedTerm shall have one <i>AdoptedDefinition</i> in the <i>CommonDescriptionLanguage</i> , and may have translations of this in any number of Languages. <i>AdoptedDefinition Authority</i> The Authorities for an <i>AdoptedDefinition</i> are the RddAuthority and the Authority from whom the AdoptedDefinition is obtained. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AdoptedDefinition → IsTypeOf → Definition |

| | |
|--|--|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| AdoptedTerm A Term with a Headword and Definition under an Authority other than the RddAuthority, upon which the RddAuthority has chosen to rely. <i>Criteria for Adopting Terms</i> The RddRegistrationAuthority may cede the governance of the Definition and Headword of a Term and its Types to another Authority provided that; (a) the Authority is recognized by the RddRegistration Authority as having established authority for a specific TermSet of interest under its criteria for adding Terms; (b) the Term or TermSet can be mapped consistently to RDD NativeTerms; and (c) the Term or TermSet has an established method of maintenance. Any Term so governed is an <i>AdoptedTerm</i> . | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AdoptedTerm → IsTypeOf → Term 2 AdoptedTerm → IsAllowedValueOf → TermStatus 3 AdoptedTerm → Has → AdoptedDefinition[occ:1] |
| AFRVRelatingTerm The RelatingTerm from the ActionFamilyRelatingView. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AFRVRelatingTerm → IsTypeOf → RelatingTerm |
| Agent Something that Acts. <i>Scope of Agent</i> The <i>Agent</i> is the Entity which is accountable for the Act. Typically, Agents are people or corporate bodies such as organizations, but they may also be inanimate things such as computers or computer applications, which are activated directly or indirectly by people to have agency in particular Contexts. Events may also be Agents: for example, one Event may be the cause of another. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Agent → IsAgentTypeBegottenBy → Act <i>Type(s)</i> 1 Agent → HasType → Doer 2 Agent → HasType → Possessor 3 Agent → HasType → Authority 4 Agent → HasType → RddUser <i>Membership of Sets</i> 1 Agent → IsMemberOf → BasicTermSet |
| AgentType A Class of which every Type of Agent is an Instance. <i>Scope of AgentType</i> <i>AgentType</i> is introduced through the <i>ContextModel</i> as the Class of all Types of <i>Agent</i> , one of the six members of the <i>BasicTermSet</i> . <i>Examples of AgentType</i> <i>Deriver</i> is the <i>AgentType</i> of the ActType <i>Derive</i> . <i>User</i> is the <i>AgentType</i> of the ActType <i>Use</i> . <i>Possessor</i> is the <i>AgentType</i> of the ActType <i>Have</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AgentType → IsTypeOf → Class |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Aggregate To Derive a Resource by combining two or more existing Resources. <i>Aggregate, Embed and Partition</i> <i>Aggregate</i> describes the process by which something (an <i>Aggregation</i>) comes into existence through the combination of two or more things (<i>Components</i>). <i>Embed</i> describes a process by which something (an <i>EmbeddedResource</i>) becomes a part of something else which already exists (a <i>Host</i>). <i>Partition</i> is an Ascriptive process whereby someone identifies the fact that something (a <i>Part</i>) is a part of something else (a <i>Whole</i>). Some Components are EmbeddedResources, and vice versa. All Components and EmbeddedResources are Parts, but not all Parts are Components or EmbeddedResources. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Aggregate → IsTypeOf → Derive <i>Type(s)</i> 1 Aggregate → HasType → MakeSet <i>ActionFamily</i> 1 Aggregate → BegetsContextType → AggregatingEvent 2 Aggregate → BegetsAgentType → Aggregator 3 Aggregate → BegetsResourceType → Aggregation 4 Aggregate → BegetsResourceType → Component 5 Aggregate → BegetsResourceType → AggregatingTool 6 Aggregate → BegetsTimeType → TimeOfAggregating 7 Aggregate → BegetsPlaceType → PlaceOfAggregating 8 Aggregate → BegetsPlaceType → PlaceOfAggregatingFrom 9 Aggregate → BegetsPlaceType → PlaceOfAggregatingTo 10 Aggregate → BegetsRelatingTerm → HasComponent 11 Aggregate → BegetsRelatingTerm → IsComponentOf |
| Aggregated The HistoricQuality of Aggregation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Aggregated → IsQualityTypeBegottenBy → AggregatingEvent 2 Aggregated → IsHistoricQualityOf → Aggregation 3 Aggregated → IsTypeOf → Derived |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| AggregatingEvent An Event in which Resources are Aggregated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AggregatingEvent → IsContextTypeBegottenBy → Aggregate 2 AggregatingEvent → IsTypeOf → DerivingEvent <i>Type(s)</i> 1 AggregatingEvent → HasType → SetMakingEvent <i>ContextDescription</i> 1 AggregatingEvent → HasActType → Aggregate[occ:1] 2 AggregatingEvent → HasAgentType → Aggregator[occ:1-n] 3 AggregatingEvent → HasResourceType → Aggregation[#1.n][occ:1-n] 4 [#1.n] → HasPlace → [#5.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 AggregatingEvent → HasResourceType → Component[#2.n][occ:2-n] 7 AggregatingEvent → HasResourceType → AggregatingTool[occ:0-n] 8 AggregatingEvent → HasTimeType → TimeOfAggregating[occ:1-n] 9 AggregatingEvent → HasPlaceType → PlaceOfAggregating[#3.n][occ:1-n] 10 AggregatingEvent → HasPlaceType → PlaceOfAggregatingFrom[#9.n][occ:1-n] 11 [#4.n] → IsPartOf → [#3.n] 12 AggregatingEvent → HasPlaceType → PlaceOfAggregatingTo[#5.n][occ:1-n] 13 [#5.n] → IsEqualTo → [#4.n][true:Sometimes] 14 [#5.n] → IsPartOf → [#3.n] <i>ContextFamily</i> 1 AggregatingEvent → BegetsQualityType → Aggregated |
| AggregatingTool A Tool Used to Aggregate. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AggregatingTool → IsResourceTypeBegottenBy → Aggregate 2 AggregatingTool → IsTypeOf → DerivingTool <i>Type(s)</i> 1 AggregatingTool → HasType → SetMakingTool |
| Aggregation A Resource that is Aggregated out of other Resources. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Aggregation → IsResourceTypeBegottenBy → Aggregate 2 Aggregation → IsTypeOf → Derivation <i>Type(s)</i> 1 Aggregation → HasType → Set |

| | |
|--|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| Aggregator An Agent that Aggregates. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Aggregator → IsAgentTypeBegottenBy → Aggregate 2 Aggregator → IsTypeOf → Deriver <i>Type(s)</i> 1 Aggregator → HasType → SetMaker |
| AllowedValue A Value which may be Ascribed to a Term. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AllowedValue → IsTypeOf → Value |
| AlternativeName A Name other than the PrimaryName by which an Entity is known. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AlternativeName → IsOpposedTo → PrimaryName 2 AlternativeName → IsTypeOf → Name <i>Type(s)</i> 1 AlternativeName → HasType → Synonym |
| Always Of something that is always True. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Always → IsAllowedValueOf → Reliability |
| Approximate Of an Entity (such as a Quantity) the Value of which is not necessarily Exact. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Approximate → IsAllowedValueOf → Precision |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| <p>ArbitraryValue A Value assigned to a Term in a Relationship to support referential integrity within a group of Relationships.</p> <p><i>ArbitraryValues in Relationships</i> When <i>Relationships</i> are grouped in <i>Genealogies</i> or <i>ContextDescriptions</i>, <i>ArbitraryValues</i> may be assigned to SubjectTerm and/or ObjectTerm in each triple for referential integrity to support the further logical Relationships which may be required for a complete description. ArbitraryValues shall be unique and valid only within a specific Genealogy or Context Description. In the Relationship syntax ArbitraryValues are prefixed by a hash symbol (eg #4).</p> <p><i>Example of ArbitraryValues in Relationship</i> Two triples showing that the ResourceType "DeletedResource" always belongs to the Class of DigitalResource, make use of <i>ArbitraryValues</i> in this way: 1 DeletingEvent [#1] > HasResourceType > DeletedResource [#2] 2 [#2] > IsA > DigitalResource</p> <p><i>Multiple ArbitraryValues</i> Where an <i>ArbitraryValue</i> is assigned to a Term in a Relationship that has multiple occurrences within a group of Relationships such as <i>ContextDescription</i> it is assigned an ArbitraryValue in the form [#n.n]. For each occurrence the second number of the ArbitraryValue is to be incremented. For example, a triple from a ContextDescription showing that the ContextType <i>MakingEvent</i> has one or more <i>Outputs</i>: 1 MakingEvent [#1] > HasResourceType > Output [#3.n] [occ:1-n]</p> | <p><i>MeaningType</i>: PartlyDerived</p> <p><i>Genealogy</i> 1 ArbitraryValue → IsTypeOf → Value</p> |
| <p>Archetype A Resource to which a Type is Ascribed. <i>Synonym(s)</i>: SpecializedResource</p> | <p><i>MeaningType</i>: Derived</p> <p><i>Genealogy</i> 1 Archetype → IsResourceTypeBegottenBy → Specialize 2 Archetype → IsTypeOf → AscribedResource</p> |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|---|
| Ascribe To Relate one Resource to another as metadata. <i>Scope of Ascribe</i> Ascribe is the parent for all ActTypes which result directly in the creation of metadata. | MeaningType: PartlyDerived Genealogy 1 Ascribe → IsTypeOf → Relate Type(s) 1 Ascribe → HasType → Nominate 2 Ascribe → HasType → Specialize 3 Ascribe → HasType → Classify 4 Ascribe → HasType → Qualify 5 Ascribe → HasType → Measure 6 Ascribe → HasType → Partition 7 Ascribe → HasType → Evaluate ActionFamily 1 Ascribe → BegetsContextType → AscribingEvent 2 Ascribe → BegetsAgentType → Ascriber 3 Ascribe → BegetsResourceType → Ascription 4 Ascribe → BegetsResourceType → AscribedResource 5 Ascribe → BegetsResourceType → AscribingTool 6 Ascribe → BegetsTimeType → TimeOfAscribing 7 Ascribe → BegetsPlaceType → PlaceOfAscribing 8 Ascribe → BegetsRelatingTerm → IsAscriptionTo 9 Ascribe → BegetsRelatingTerm → HasAscription |
| AscribedQuality An Ascribed Quality. <i>Scope of AscribedQuality</i> Any Quality may be Ascribed to a Resource. Class, Attribute and AscribedQuality The ResourceTypes <i>Class</i> (noun), <i>Attribute</i> (noun) and <i>AscribedQuality</i> (adjective) may be used as three different ways of conveying essentially the same information. For example, "Grass > IsA > GreenThing" (<i>Class</i>), "Grass > Has > Greenness" (<i>Attribute</i>), "Grass > Is > Green" (<i>AscribedQuality</i>). Relationships between these three forms may be formally expressed "GreenThing > Has > Greenness", "GreenThing > Is > Green" and "Greenness > Is > Green". | MeaningType: Derived Genealogy 1 AscribedQuality → IsResourceTypeBegottenBy → Qualify 2 AscribedQuality → IsTypeOf → Ascription 3 AscribedQuality → IsA → Quality |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| AscribedResource A Resource to which another is Ascribed. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AscribedResource → IsResourceTypeBegottenBy → Ascribe 2 AscribedResource → IsTypeOf → Relative <i>Type(s)</i> 1 AscribedResource → HasType → Entity 2 AscribedResource → HasType → Archetype 3 AscribedResource → HasType → Instance 4 AscribedResource → HasType → QualifiedResource 5 AscribedResource → HasType → MeasuredResource 6 AscribedResource → HasType → Whole 7 AscribedResource → HasType → EvaluatedResource |
| AscribedTo The HistoricQuality of AscribedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AscribedTo → IsQualityTypeBegottenBy → AscribingEvent 2 AscribedTo → IsHistoricQualityOf → AscribedResource 3 AscribedTo → IsTypeOf → Related <i>Type(s)</i> 1 AscribedTo → HasType → Named 2 AscribedTo → HasType → Specialized 3 AscribedTo → HasType → Classified 4 AscribedTo → HasType → Qualified 5 AscribedTo → HasType → Measured 6 AscribedTo → HasType → Partitioned 7 AscribedTo → HasType → Evaluated |
| Ascriber An Agent that Ascribes. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Ascriber → IsAgentTypeBegottenBy → Ascribe 2 Ascriber → IsTypeOf → Relator <i>Type(s)</i> 1 Ascriber → HasType → Namer 2 Ascriber → HasType → Specializer 3 Ascriber → HasType → Classifier 4 Ascriber → HasType → Qualifier 5 Ascriber → HasType → Measurer 6 Ascriber → HasType → Partitioner 7 Ascriber → HasType → Evaluator |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| AscribingEvent An Event in which a Resource is Related to another as metadata. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AscribingEvent → IsContextTypeBegottenBy → Ascribe 2 AscribingEvent → IsTypeOf → RelatingEvent <i>Type(s)</i> 1 AscribingEvent → HasType → NamingEvent 2 AscribingEvent → HasType → SpecializingEvent 3 AscribingEvent → HasType → ClassifyingEvent 4 AscribingEvent → HasType → QualifyingEvent 5 AscribingEvent → HasType → MeasuringEvent 6 AscribingEvent → HasType → PartitioningEvent 7 AscribingEvent → HasType → EvaluatingEvent <i>ContextDescription</i> 1 AscribingEvent → HasActType → Ascribe[occ:1] 2 AscribingEvent → HasAgentType → Ascriber[occ:1-n] 3 AscribingEvent → HasResourceType → Ascription[occ:1-n] 4 AscribingEvent → HasResourceType → AscribedResource[occ:1-n] 5 AscribingEvent → HasResourceType → AscribingTool[occ:0-n] 6 AscribingEvent → HasTimeType → TimeOfAscribing[occ:1-n] 7 AscribingEvent → HasPlaceType → PlaceOfAscribing[occ:1-n] <i>ContextFamily</i> 1 AscribingEvent → BegetsQualityType → AscribedTo |
| AscribingTool A Tool Used to Ascribe. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AscribingTool → IsResourceTypeBegottenBy → Ascribe 2 AscribingTool → IsTypeOf → RelatingTool <i>Type(s)</i> 1 AscribingTool → HasType → NamingTool 2 AscribingTool → HasType → SpecializingTool 3 AscribingTool → HasType → ClassifyingTool 4 AscribingTool → HasType → QualifyingTool 5 AscribingTool → HasType → MeasuringTool 6 AscribingTool → HasType → UnitOfMeasure 7 AscribingTool → HasType → PartitioningTool 8 AscribingTool → HasType → EvaluatingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Ascription A Resource Ascribed to another. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Ascription → IsResourceTypeBegottenBy → Ascribe 2 Ascription → IsTypeOf → Relative <i>Type(s)</i> 1 Ascription → HasType → Name 2 Ascription → HasType → Type 3 Ascription → HasType → Class 4 Ascription → HasType → AscribedQuality 5 Ascription → HasType → Quantity 6 Ascription → HasType → Part 7 Ascription → HasType → Value |
| AscriptiveRelationship A Relationship containing a RelatingTerm drawn from the ActionFamily of Ascribe or one of its Types. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AscriptiveRelationship → IsTypeOf → Relationship |
| Association A State in which two Entities are associated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Association → IsTypeOf → State |
| Attribute A Resource that an Agent possesses. <i>Synonym(s)</i> : PossessedResource <i>Class, Attribute and AscribedQuality</i> The ResourceTypes <i>Class</i> (noun), <i>Attribute</i> (noun) and <i>AscribedQuality</i> (adjective) may be used as three different ways of conveying essentially the same information. For example, "Grass > IsA > GreenThing" (<i>Class</i>), "Grass > Has > Greenness" (<i>Attribute</i>), "Grass > Is > Green" (<i>AscribedQuality</i>). Relationships between these three forms may be formally expressed "GreenThing > Has > Greenness", "GreenThing > Is > Green" and "Greenness > Is > Green". | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Attribute → IsResourceTypeBegottenBy → Situation 2 Attribute → IsTypeOf → Resource <i>Type(s)</i> 1 Attribute → HasType → TermAttribute |
| Attributed The HistoricQuality of Attribute. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Attributed → IsQualityTypeBegottenBy → Situation 2 Attributed → IsHistoricQualityOf → Attribute 3 Attributed → IsTypeOf → ActedOn |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| AttributeRelationship A Relationship in which the RelatingTerm is a member of the "Have" AFRV Terms. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 AttributeRelationship → IsTypeOf → Relationship |
| AuditAttributes A set of attributes of an Event in the history of the Term or TermAttribute within the Dictionary. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AuditAttributes → IsTypeOf → TermSet |
| Authority An Agent responsible for Ascribing an Attribute to a Term or TermAttribute. <i>Scope of Authority</i> An <i>Authority</i> may be a legal or natural Person. <i>Identification of Authority</i> An <i>Authority</i> shall be identified by a unique <i>AuthorityID</i> to be allocated by the <i>RddRegistrationAuthority</i> . | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Authority → IsTypeOf → Agent <i>Type(s)</i> 1 Authority → HasType → RddAuthority |
| AuthorityStatus A Status whose Value determines the Authorization status of a Term. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 AuthorityStatus → IsTypeOf → Status 2 AuthorityStatus → IsStatusOf → Term <i>Allowed Values</i> 1 AuthorityStatus → HasAllowedValue → Authorized 2 AuthorityStatus → HasAllowedValue → RddAuthorized |
| Authorized Of a Term of TermAttribute under Authority. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Authorized → IsAllowedValueOf → AuthorityStatus <i>Type(s)</i> 1 Authorized → HasType → RddAuthorized |
| BasicTermSet The BasicTerms of the ContextModel. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 BasicTermSet → IsTypeOf → TermSet 2 BasicTermSet → HasMember → Context 3 BasicTermSet → HasMember → Agent 4 BasicTermSet → HasMember → Resource 5 BasicTermSet → HasMember → Time 6 BasicTermSet → HasMember → Place |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Beget To bring a Term into existence through the application of the RddContextModel. <i>Scope of Beget</i> <i>Beget</i> is an ActType which describes the most primitive processes by which Meaning is inherited by one Term from another within RDD: that is, where (a) the BasicTerms of a ContextType come into existence following (and, in effect, completing) the definition of an ActType, and where (b) a new ActType comes into existence following the definition of a ContextType. Its limitations are fully prescribed by the ContextModel. Beget recognizes the complete interdependence of meaning between an ActType and its <i>Begotten</i> Terms, or a ContextType and its Begotten ActType. For example, the ActType <i>Make</i> is meaningless unless it contains the concept of the AgentType <i>Maker</i> or the ResourceType <i>Output</i> which it Begets. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Beget → IsTypeOf → Originate <i>ActionFamily</i> 1 Beget → BegetsContextType → BegettingEvent 2 Beget → BegetsAgentType → Begetter 3 Beget → BegetsResourceType → BegottenTerm 4 Beget → BegetsResourceType → BegettingTool 5 Beget → BegetsTimeType → TimeOfBegetting 6 Beget → BegetsPlaceType → PlaceOfBegetting 7 Beget → BegetsRelatingTerm → IsBegetterOf 8 Beget → BegetsRelatingTerm → IsBegottenBy |
| BegetsActType The RelatingTerm from a ContextType to an ActType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsActType → IsReciprocalOf → IsActTypeBegottenBy 2 BegetsActType → IsTypeOf → IsBegetterOf 3 BegetsActType → IsRelatingTermFrom → Begetter 4 BegetsActType → IsRelatingTermTo → ActType |
| BegetsAgentType The RelatingTerm from an ActType or ContextType to an AgentType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsAgentType → IsReciprocalOf → IsAgentTypeBegottenBy 2 BegetsAgentType → IsTypeOf → IsBegetterOf 3 BegetsAgentType → IsRelatingTermFrom → AgentType 4 BegetsAgentType → IsRelatingTermTo → Begetter |
| BegetsContextType The RelatingTerm from an ActType to a ContextType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsContextType → IsReciprocalOf → IsContextTypeBegottenBy 2 BegetsContextType → IsTypeOf → IsBegetterOf 3 BegetsContextType → IsRelatingTermFrom → Begetter 4 BegetsContextType → IsRelatingTermTo → ContextType |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| BegetsPlaceType The RelatingTerm from an ActType or ContextType to a PlaceType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsPlaceType → IsReciprocalOf → IsPlaceTypeBegottenBy 2 BegetsPlaceType → IsTypeOf → IsBegetterOf 3 BegetsPlaceType → IsRelatingTermFrom → Begetter 4 BegetsPlaceType → IsRelatingTermTo → PlaceType |
| BegetsQualityType The RelatingTerm from a ContextType to a QualityType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsQualityType → IsReciprocalOf → IsQualityTypeBegottenBy 2 BegetsQualityType → IsTypeOf → IsBegetterOf 3 BegetsQualityType → IsRelatingTermFrom → Begetter 4 BegetsQualityType → IsRelatingTermTo → QualityType |
| BegetsRelatingTerm The RelatingTerm from an ActType or ContextType to a RelatingTerm which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsRelatingTerm → IsReciprocalOf → IsRelatingTermBegottenBy 2 BegetsRelatingTerm → IsTypeOf → IsBegetterOf 3 BegetsRelatingTerm → IsRelatingTermFrom → Begetter 4 BegetsRelatingTerm → IsRelatingTermTo → RelatingTerm |
| BegetsResourceType The RelatingTerm from an ActType or ContextType to a ResourceType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsResourceType → IsReciprocalOf → IsResourceTypeBegottenBy 2 BegetsResourceType → IsTypeOf → IsBegetterOf 3 BegetsResourceType → IsRelatingTermFrom → Begetter 4 BegetsResourceType → IsRelatingTermTo → ResourceType |
| BegetsStateType The RelatingTerm from a ContextType to a StateType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsStateType → IsReciprocalOf → IsStateTypeBegottenBy 2 BegetsStateType → IsTypeOf → IsBegetterOf 3 BegetsStateType → IsRelatingTermFrom → Begetter 4 BegetsStateType → IsRelatingTermTo → StateType |
| BegetsTimeType The RelatingTerm from an ActType or ContextType to a TimeType which it Begets. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegetsTimeType → IsReciprocalOf → IsTimeTypeBegottenBy 2 BegetsTimeType → IsTypeOf → IsBegetterOf 3 BegetsTimeType → IsRelatingTermFrom → Begetter 4 BegetsTimeType → IsRelatingTermTo → TimeType |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Begetter A Term which Begets another Term. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Begetter → IsAgentTypeBegottenBy → Beget 2 Begetter → IsTypeOf → Originator 3 Begetter → IsAClassFromSet → TermSet_2[occ:1] |
| BegettingEvent An Event in which something is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegettingEvent → IsContextTypeBegottenBy → Beget 2 BegettingEvent → IsTypeOf → OriginatingEvent <i>ContextDescription</i> 1 BegettingEvent → HasActType → Beget[occ:1] 2 BegettingEvent → HasAgentType → Begetter[occ:1] 3 BegettingEvent → HasResourceType → BegottenTerm[occ:1-n] 4 BegettingEvent → HasResourceType → BegettingTool[occ:1] 5 BegettingEvent → HasTimeType → TimeOfBegetting[occ:1] 6 BegettingEvent → HasPlaceType → PlaceOfBegetting[occ:1] |
| BegettingTool A Tool Used to Beget. <i>Scope of BegettingTool</i> The only <i>BegettingTool</i> is the ContextModel. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegettingTool → IsResourceTypeBegottenBy → Beget 2 BegettingTool → IsTypeOf → OriginatingTool 3 BegettingTool → HasValue → ContextModel |
| BegottenTerm A Term that is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BegottenTerm → IsResourceTypeBegottenBy → Beget 2 BegottenTerm → IsTypeOf → Origination |
| BeingActedOn The PresentQuality of Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BeingActedOn → IsQualityTypeBegottenBy → Context 2 BeingActedOn → IsPresentQualityOf → Resource <i>Type(s)</i> 1 BeingActedOn → HasType → BeingDone |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| BeingDone The PresentQuality of Patient. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BeingDone → IsQualityTypeBegottenBy → Event 2 BeingDone → IsPresentQualityOf → Patient 3 BeingDone → IsTypeOf → BeingActedOn <i>Type(s)</i> 1 BeingDone → HasType → BeingMade 2 BeingDone → HasType → BeingInteractedWith |
| BeingInteractedWith The PresentQuality of Input. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BeingInteractedWith → IsQualityTypeBegottenBy → Interaction 2 BeingInteractedWith → IsPresentQualityOf → Input 3 BeingInteractedWith → IsTypeOf → BeingDone <i>Type(s)</i> 1 BeingInteractedWith → HasType → Dynamic |
| BeingMade The PresentQuality of Output. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 BeingMade → IsQualityTypeBegottenBy → MakingEvent 2 BeingMade → IsPresentQualityOf → Output 3 BeingMade → IsTypeOf → BeingDone |
| CapableOfActing The PotentialQuality of Agent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 CapableOfActing → IsQualityTypeBegottenBy → Context 2 CapableOfActing → IsPotentialQualityOf → Agent <i>Type(s)</i> 1 CapableOfActing → HasType → CapableOfHaving |
| CapableOfHaving The PotentialQuality of Possessor. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 CapableOfHaving → IsQualityTypeBegottenBy → Situation 2 CapableOfHaving → IsPotentialQualityOf → Possessor 3 CapableOfHaving → IsTypeOf → CapableOfActing <i>Type(s)</i> 1 CapableOfHaving → HasType → Potential |

| | |
|--|--|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| CFRVRelatingTerm The RelatingTerm from the ContextFamilyRelatingView. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 CFRVRelatingTerm → IsTypeOf → RelatingTerm |
| Change To alter an Attribute of a Resource. <i>Types of Change</i> Change does not specify whether the alterations made are <i>Persistent</i> (that is, they survive beyond the ChangingEvent) or <i>Transient</i> (that is, they exist only in the course of the ChangingEvent). These are introduced in Specializations. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Change → IsTypeOf → InteractWith <i>Type(s)</i> 1 Change → HasType → Modify 2 Change → HasType → ChangeTransiently 3 Change → HasType → Enable 4 Change → HasType → Activate 5 Change → HasType → Deactivate 6 Change → HasType → Disable <i>ActionFamily</i> 1 Change → BegetsContextType → ChangingEvent 2 Change → BegetsAgentType → Changer 3 Change → BegetsResourceType → ChangedResource 4 Change → BegetsResourceType → ChangingTool 5 Change → BegetsTimeType → TimeOfChanging 6 Change → BegetsPlaceType → PlaceOfChanging |
| Changeable The PotentialQuality of ChangedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Changeable → IsQualityTypeBegottenBy → ChangingEvent 2 Changeable → IsPotentialQualityOf → ChangedResource 3 Changeable → IsTypeOf → InteractableWith <i>Type(s)</i> 1 Changeable → HasType → Activatable 2 Changeable → HasType → Deactivatable 3 Changeable → HasType → Disableable |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Changed The HistoricQuality of ChangedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Changed → IsQualityTypeBegottenBy → ChangingEvent 2 Changed → IsHistoricQualityOf → ChangedResource 3 Changed → IsTypeOf → InteractedWith <i>Type(s)</i> 1 Changed → HasType → Modified 2 Changed → HasType → ChangedTransiently 3 Changed → HasType → Enabled 4 Changed → HasType → Activated 5 Changed → HasType → Deactivated 6 Changed → HasType → Disabled |
| ChangedResource A Resource that is Changed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ChangedResource → IsResourceTypeBegottenBy → Change 2 ChangedResource → IsTypeOf → Input <i>Type(s)</i> 1 ChangedResource → HasType → ModifiedResource 2 ChangedResource → HasType → ResourceChangedTransiently 3 ChangedResource → HasType → EnabledResource 4 ChangedResource → HasType → ActivatedResource 5 ChangedResource → HasType → DeactivatedResource 6 ChangedResource → HasType → DisabledResource |
| ChangedTransiently The HistoricQuality of ResourceChangedTransiently. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ChangedTransiently → IsQualityTypeBegottenBy → TransientChangeEvent 2 ChangedTransiently → IsHistoricQualityOf → ResourceChangedTransiently 3 ChangedTransiently → IsTypeOf → Changed |
| Changer An Agent that Changes a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Changer → IsAgentTypeBegottenBy → Change 2 Changer → IsTypeOf → Interactor <i>Type(s)</i> 1 Changer → HasType → Modifier 2 Changer → HasType → ChangerTransiently 3 Changer → HasType → Enabler 4 Changer → HasType → Activator 5 Changer → HasType → Deactivator 6 Changer → HasType → Disabler |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|--|
| ChangerTransiently An Agent that ChangesTransiently a Resource. | MeaningType: Derived Genealogy 1 ChangerTransiently → IsAgentTypeBegottenBy → ChangeTransiently 2 ChangerTransiently → IsTypeOf → Changer Type(s) 1 ChangerTransiently → HasType → Adaptor |
| ChangeTransiently To Change a Resource, not preserving the alterations made. Scope of ChangeTransiently ChangeTransiently describes the process whereby alterations take place in a Resource n the course of an Event, but these changes are ephemeral and are not preserved at the completion of the Event. For example, when amendments are made to a document in a word processing program, but the amendments are saved in a new version of the document, the changes to the original document are <i>Transient</i> . Modify and ChangeTransiently The difference between <i>Modify</i> and <i>ChangeTransiently</i> is exemplified in the difference between the "Save" and "SaveAs" commands in an amended document in a word processing program. "Save" results in a <i>ModifiedResource</i> , "SaveAs" results in the creation of a <i>DerivedResource</i> while the original reverts to its former unaltered state. | MeaningType: PartlyDerived Genealogy 1 ChangeTransiently → IsTypeOf → Change 2 ChangeTransiently → IsOpposedTo → Modify Type(s) 1 ChangeTransiently → HasType → Adapt ActionFamily 1 ChangeTransiently → BegetsContextType → TransientChangeEvent 2 ChangeTransiently → BegetsAgentType → ChangerTransiently 3 ChangeTransiently → BegetsResourceType → ResourceChangedTransiently 4 ChangeTransiently → BegetsResourceType → ToolForChangingTransiently 5 ChangeTransiently → BegetsTimeType → TimeOfChangingTransiently 6 ChangeTransiently → BegetsPlaceType → PlaceOfChangingTransiently |
| Changing The PresentQuality of Changer. | MeaningType: Derived Genealogy 1 Changing → IsQualityTypeBegottenBy → ChangingEvent 2 Changing → IsPresentQualityOf → Changer 3 Changing → IsTypeOf → InteractingWith |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| ChangingEvent An Event in which a Resource is Changed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ChangingEvent → IsContextTypeBegottenBy → Change 2 ChangingEvent → IsTypeOf → Interaction <i>Type(s)</i> 1 ChangingEvent → HasType → Modification 2 ChangingEvent → HasType → TransientChangeEvent 3 ChangingEvent → HasType → EnablingEvent 4 ChangingEvent → HasType → Activation 5 ChangingEvent → HasType → Deactivation 6 ChangingEvent → HasType → DisablingEvent <i>ContextDescription</i> 1 ChangingEvent → HasActType → Change[occ:1] 2 ChangingEvent → HasAgentType → Changer[occ:1-n] 3 ChangingEvent → HasResourceType → ChangedResource[occ:1-n] 4 ChangingEvent → HasResourceType → ChangingTool[occ:0-n] 5 ChangingEvent → HasTimeType → TimeOfChanging[occ:1-n] 6 ChangingEvent → HasPlaceType → PlaceOfChanging[occ:1-n] <i>ContextFamily</i> 1 ChangingEvent → BegetsQualityType → Changing 2 ChangingEvent → BegetsQualityType → Changed 3 ChangingEvent → BegetsQualityType → Dynamic 4 ChangingEvent → BegetsQualityType → Changeable |
| ChangingTool A Tool Used to Change. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ChangingTool → IsResourceTypeBegottenBy → Change 2 ChangingTool → IsTypeOf → Tool <i>Type(s)</i> 1 ChangingTool → HasType → ModifyingTool 2 ChangingTool → HasType → ToolForChangingTransiently 3 ChangingTool → HasType → EnablingTool 4 ChangingTool → HasType → ActivatingTool 5 ChangingTool → HasType → DeactivatingTool 6 ChangingTool → HasType → DisablingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Class A noun representing any Resource possessing a particular Attribute or group of Attributes. <i>Type and Class</i> Any noun which is an <i>Type</i> may also be a <i>Class</i> . <i>Class, Attribute and AscribedQuality</i> The ResourceTypes <i>Class</i> (noun), <i>Attribute</i> (noun) and <i>AscribedQuality</i> (adjective) may be used as three different ways of conveying essentially the same information. For example, "Grass > IsA > GreenThing" (<i>Class</i>), "Grass > Has > Greenness" (<i>Attribute</i>), "Grass > Is > Green" (<i>AscribedQuality</i>). Relationships between these three forms may be formally expressed "GreenThing > Has > Greenness", "GreenThing > Is > Green" and "Greenness > Is > Green". | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Class → IsResourceTypeBegottenBy → Classify 2 Class → IsTypeOf → Ascription <i>Type(s)</i> 1 Class → HasType → ActType 2 Class → HasType → ContextType 3 Class → HasType → AgentType 4 Class → HasType → ResourceType 5 Class → HasType → TimeType 6 Class → HasType → PlaceType 7 Class → HasType → TermStatus 8 Class → HasType → SituationType 9 Class → HasType → MeaningType 10 Class → HasType → TermDescriptionType 11 Class → HasType → QualityType 12 Class → HasType → StateType 13 Class → HasType → StatusType 14 Class → HasType → RelationshipType |
| Classified The HistoricQuality of Instance. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Classified → IsQualityTypeBegottenBy → ClassifyingEvent 2 Classified → IsHistoricQualityOf → Instance 3 Classified → IsTypeOf → AscribedTo |
| Classifier An Agent that Classifies. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Classifier → IsAgentTypeBegottenBy → Classify 2 Classifier → IsTypeOf → Ascriber |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| <p>Classify To Ascribe a Classification to a Resource.</p> <p><i>Scope of Classify</i> <i>Classify</i> is used to say that an individual is a member of a Class of Entities sharing common characteristics (for example, "John IsA Man", "Sweden IsA Country"). In RDD it is commonly used to indicate constraints on a defined Term. <i>Classify</i> may also be applied to some or all instances of a Term ("All DeletedResources are DigitalResources").</p> <p><i>Classify, Have and Qualify</i> The ActTypes <i>Classify</i>, <i>Have</i> and <i>Qualify</i> may be used as three different ways of conveying essentially the same information according to the different constructs of <i>Class</i> (noun), <i>Attribute</i> (noun) and <i>AscribedQuality</i> (adjective). For example,</p> <p>"Grass > IsA > GreenThing" (from <i>Classify</i>)</p> <p>"Grass > Has > Greenness" (from <i>Have</i>)</p> <p>"Grass > Is > Green" (from <i>Qualify</i>).</p> <p>Relationships between these three forms may be formally expressed as in</p> <p>"GreenThing > Has > Greenness",</p> <p>"GreenThing > Is > Green" and</p> <p>"Greenness > Is > Green".</p> | <p><i>MeaningType</i>: Derived</p> <p><i>Genealogy</i> 1 <i>Classify</i> → <i>IsTypeOf</i> → <i>Ascribe</i></p> <p><i>ActionFamily</i> 1 <i>Classify</i> → <i>BegetsContextType</i> → <i>ClassifyingEvent</i> 2 <i>Classify</i> → <i>BegetsAgentType</i> → <i>Classifier</i> 3 <i>Classify</i> → <i>BegetsResourceType</i> → <i>Class</i> 4 <i>Classify</i> → <i>BegetsResourceType</i> → <i>Instance</i> 5 <i>Classify</i> → <i>BegetsResourceType</i> → <i>ClassifyingTool</i> 6 <i>Classify</i> → <i>BegetsTimeType</i> → <i>TimeOfClassifying</i> 7 <i>Classify</i> → <i>BegetsPlaceType</i> → <i>PlaceOfClassifying</i> 8 <i>Classify</i> → <i>BegetsRelatingTerm</i> → <i>IsClassOf</i> 9 <i>Classify</i> → <i>BegetsRelatingTerm</i> → <i>IsA</i></p> |
| <p>ClassifyingEvent An Event in which a Resource is Classified.</p> | <p><i>MeaningType</i>: Derived</p> <p><i>Genealogy</i> 1 <i>ClassifyingEvent</i> → <i>IsContextTypeBegottenBy</i> → <i>Classify</i> 2 <i>ClassifyingEvent</i> → <i>IsTypeOf</i> → <i>AscribingEvent</i></p> <p><i>ContextDescription</i> 1 <i>ClassifyingEvent</i> → <i>HasActType</i> → <i>Classify</i>[occ:1] 2 <i>ClassifyingEvent</i> → <i>HasAgentType</i> → <i>Classifier</i>[occ:1-n] 3 <i>ClassifyingEvent</i> → <i>HasResourceType</i> → <i>Class</i>[occ:1-n] 4 <i>ClassifyingEvent</i> → <i>HasResourceType</i> → <i>Instance</i>[occ:1-n] 5 <i>ClassifyingEvent</i> → <i>HasResourceType</i> → <i>ClassifyingTool</i>[occ:0-n] 6 <i>ClassifyingEvent</i> → <i>HasTimeType</i> → <i>TimeOfClassifying</i>[occ:1-n] 7 <i>ClassifyingEvent</i> → <i>HasPlaceType</i> → <i>PlaceOfClassifying</i>[occ:1-n]</p> <p><i>ContextFamily</i> 1 <i>ClassifyingEvent</i> → <i>BegetsQualityType</i> → <i>Classified</i></p> |

| | |
|---|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| ClassifyingTool A Tool Used to Classify. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ClassifyingTool → IsResourceTypeBegottenBy → Classify 2 ClassifyingTool → IsTypeOf → AscribingTool |
| Comment A natural language annotation of something for the purpose of amplification or clarification of its Meaning. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Comment → IsTypeOf → Description 2 Comment → IsA → TextualElement 3 Comment → Has → Authority[occ:1-n] 4 Comment → Has → Language[occ:1] |
| CommentableTermAttribute A TermAttribute to which a Comment may be assigned. The CommentableTermAttributes are Headword, Synonym, TermDescription, Relationship and TermSet. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 CommentableTermAttribute → IsTypeOf → TermAttribute 2 CommentableTermAttribute → Has → Comment[occ:0-n] |
| CommonDescriptionLanguage A Language in which TermDescriptions and Comments for all Terms other than IsolatedTerms must be Expressed. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 CommonDescriptionLanguage → IsTypeOf → Language |
| Component A Resource which becomes a part of an Aggregation. <i>Component and Part</i> A <i>Component</i> is something out of which something is <i>Made</i> ; a <i>Part</i> is something which can be identified as being contained within something. Components must therefore be capable of separate existence; Parts need not. All Components become Parts, but not all Parts were ever Components. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Component → IsResourceTypeBegottenBy → Aggregate 2 Component → IsTypeOf → Source <i>Type(s)</i> 1 Component → HasType → Member |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Conceive To Make a Resource that exists only in the human mind. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Conceive → IsTypeOf → Make 2 Conceive → HasComponent → Derive[true:Sometimes] <i>Type(s)</i> 1 Conceive → HasType → Abstract <i>ActionFamily</i> 1 Conceive → BegetsContextType → Conception 2 Conceive → BegetsAgentType → Conceiver 3 Conceive → BegetsResourceType → Concept 4 Conceive → BegetsResourceType → SourceOfConcept 5 Conceive → BegetsResourceType → ConceivingTool 6 Conceive → BegetsTimeType → TimeOfConceiving 7 Conceive → BegetsPlaceType → PlaceOfConceiving 8 Conceive → BegetsPlaceType → PlaceOfConceivingFrom 9 Conceive → BegetsPlaceType → PlaceOfConceivingTo |
| Conceived The HistoricQuality of Concept. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Conceived → IsQualityTypeBegottenBy → Conception 2 Conceived → IsHistoricQualityOf → Concept 3 Conceived → IsTypeOf → Made <i>Type(s)</i> 1 Conceived → HasType → Abstracted |
| Conceiver An Agent that Conceives. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Conceiver → IsAgentTypeBegottenBy → Conceive 2 Conceiver → IsTypeOf → Maker 3 Conceiver → HasComponent → Deriver[true:Sometimes] <i>Type(s)</i> 1 Conceiver → HasType → Abstracter |
| ConceivingTool A Tool Used to Conceive. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ConceivingTool → IsResourceTypeBegottenBy → Conceive 2 ConceivingTool → IsTypeOf → MakingTool 3 ConceivingTool → HasComponent → DerivingTool[true:Sometimes] <i>Type(s)</i> 1 ConceivingTool → HasType → AbstractingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Concept A Resource that exists only in the human mind. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Concept → IsResourceTypeBegottenBy → Conceive 2 Concept → IsTypeOf → Output 3 Concept → HasComponent → Derivation[true:Sometimes] 4 Concept → Is → Perceivable[true:Never] <i>Type(s)</i> 1 Concept → HasType → Abstraction 2 Concept → HasType → Term |
| Conception An Event in which a Resource is Conceived. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Conception → IsContextTypeBegottenBy → Conceive 2 Conception → IsTypeOf → MakingEvent 3 Conception → HasComponent → DerivingEvent[true:Sometimes] <i>Type(s)</i> 1 Conception → HasType → AbstractingEvent <i>ContextDescription</i> 1 Conception → HasActType → Conceive[occ:1] 2 Conception → HasAgentType → Conceiver[#1.n][occ:1-n] 3 [#1.n] → HasPlace → [#4.n] 4 Conception → HasResourceType → Concept[#2.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 Conception → HasResourceType → SourceOfConcept[#3.n][occ:0-n] 7 [#5.n] → HasPlace → [#5.n] 8 Conception → HasResourceType → ConceivingTool[occ:0-n] 9 Conception → HasTimeType → TimeOfConceiving[occ:1-n] 10 Conception → HasPlaceType → PlaceOfConceiving[#4.n][occ:1-n] 11 Conception → HasPlaceType → PlaceOfConceivingFrom[#5.n][occ:0-n] 12 [#5.n] → IsPartOf → [#4.n] <i>ContextFamily</i> 1 Conception → BegetsQualityType → Conceived |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Context The circumstances in which Acting occurs. <i>Synonym(s)</i> : Action <i>Scope of Context</i> A <i>Context</i> describes the circumstances of one or more Acts. Contexts may be of any level of granularity. A Contexts may play the roles of Resource and (less often) Agent within another Context. <i>Types of Context</i> The principle specializations of <i>Context</i> are <i>Event</i> (Begotten from the ActType <i>Do</i>) in which, or as a result of which, some attribute of an Agent or Resource changes, and <i>Situation</i> (which Beget the ActType <i>Have</i>), in which or as a result of which nothing changes. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Context → IsContextTypeBegottenBy → Act <i>Type(s)</i> 1 Context → HasType → Event 2 Context → HasType → Situation <i>ContextDescription</i> 1 Context → HasActType → Act[occ:1] 2 Context → HasAgentType → Agent[occ:0-n] 3 Context → HasResourceType → Resource[occ:0-n] 4 Context → HasTimeType → Time[occ:1-n] 5 Context → HasPlaceType → Place[occ:1-n] 6 Context → HasStateType → State[occ:0-n] <i>ContextFamily</i> 1 Context → BegetsStateType → State 2 Context → BegetsQualityType → Acted 3 Context → BegetsQualityType → Acting 4 Context → BegetsQualityType → CapableOfActing 5 Context → BegetsQualityType → ActedOn 6 Context → BegetsQualityType → BeingActedOn 7 Context → BegetsQualityType → Actionable <i>Membership of Sets</i> 1 Context → IsMemberOf → TermSet_1 2 Context → IsMemberOf → BasicTermSet |
| ContextDescription A group of Relationships describing the Attributes of a Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 ContextDescription → IsTypeOf → RelationshipSet |
| ContextFamily The Family Begotten by a ContextType. <i>Scope of ContextFamily</i> A <i>ContextFamily</i> has a similar structure to an <i>ActionFamily</i> , but unlike an <i>ActionFamily</i> it only Begets new Terms when they are required to support mapping or other Dictionary functions. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 ContextFamily → IsTypeOf → Family |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| ContextFamilyRelationalView A group of Relationships expressing the impact of a Type of Context as a set of one-to-one Relationships between a Type of Context and its Agents, Resource, Times and Places. <i>Synonym(s):</i> CFRV | <i>MeaningType:</i> PartlyDerived <i>Genealogy</i> 1 ContextFamilyRelationalView → IsTypeOf → RelationshipSet |
| ContextModel A logical data model for describing the relationships between Terms that provide the Context for a Type of Act. <i>Scope of ContextModel</i> The <i>ContextModel</i> defines a group of five Terms (the <i>BasicTermSet</i>) with associated <i>Classes</i> and <i>RelatingTerms</i> whose application to a specific <i>ActType</i> or <i>ContextType</i> results in the definition of a Family group of new Terms with <i>DerivedMeanings</i> and <i>PartlyDerivedMeanings</i> . | <i>MeaningType:</i> PartlyDerived <i>Genealogy</i> 1 ContextModel → IsTypeOf → Abstraction |
| ContextType A Class of which every Type of Context is an Instance. <i>Scope of ContextType</i> <i>ContextType</i> is introduced through the <i>ContextModel</i> as the Class of all Types of <i>Context</i> , one of the six members of the <i>BasicTermSet</i> . <i>Examples of ContextType</i> <i>DerivingEvent</i> is the <i>ContextType</i> of the ActType <i>Derive</i> . <i>Usage</i> is the <i>ContextType</i> of the ActType <i>Use</i> . <i>Situation</i> is the <i>ContextType</i> of the ActType <i>Have</i> . | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 ContextType → IsTypeOf → Class |
| Count The number of Instances of a Class. | <i>MeaningType:</i> PartlyDerived <i>Genealogy</i> 1 Count → IsTypeOf → Quantity <i>Type(s)</i> 1 Count → HasType → Occurrence |
| Deactivatable The PotentialQuality of DeactivatedResource. | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 Deactivatable → IsQualityTypeBegottenBy → Deactivation 2 Deactivatable → IsPotentialQualityOf → DeactivatedResource 3 Deactivatable → IsTypeOf → Changeable |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Deactivate To stop a Resource Doing something. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Deactivate → IsTypeOf → Change 2 Deactivate → IsOpposedTo → Activate <i>ActionFamily</i> 1 Deactivate → BegetsContextType → Deactivation 2 Deactivate → BegetsAgentType → Deactivator 3 Deactivate → BegetsResourceType → DeactivatedResource 4 Deactivate → BegetsResourceType → DeactivatingTool 5 Deactivate → BegetsTimeType → TimeOfDeactivating 6 Deactivate → BegetsPlaceType → PlaceOfDeactivating |
| Deactivated The HistoricQuality of DeactivatedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Deactivated → IsQualityTypeBegottenBy → Deactivation 2 Deactivated → IsHistoricQualityOf → DeactivatedResource 3 Deactivated → IsTypeOf → Changed |
| DeactivatedResource A Resource which is Deactivated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DeactivatedResource → IsResourceTypeBegottenBy → Deactivate 2 DeactivatedResource → IsTypeOf → ChangedResource |
| DeactivatingTool A Tool Used in Deactivating. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DeactivatingTool → IsResourceTypeBegottenBy → Deactivate 2 DeactivatingTool → IsTypeOf → ChangingTool |
| Deactivation An Event in which a Resource is Deactivated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Deactivation → IsContextTypeBegottenBy → Deactivate 2 Deactivation → IsTypeOf → ChangingEvent <i>ContextDescription</i> 1 Deactivation → HasActType → Deactivate[occ:1] 2 Deactivation → HasAgentType → Deactivator[occ:1-n] 3 Deactivation → HasResourceType → DeactivatedResource[occ:1-n] 4 Deactivation → HasResourceType → DeactivatingTool[occ:0-n] 5 Deactivation → HasTimeType → TimeOfDeactivating[occ:1-n] 6 Deactivation → HasPlaceType → PlaceOfDeactivating[occ:1-n] <i>ContextFamily</i> 1 Deactivation → BegetsQualityType → Deactivated 2 Deactivation → BegetsQualityType → Deactivatable |

| | |
|---|--|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| Deactivator An Agent that Deactivates a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Deactivator → IsAgentTypeBegottenBy → Deactivate 2 Deactivator → IsTypeOf → Changer |
| Definition A TermDescription according to formal rules. <i>Multiple Definitions of a Term</i> The wording of two <i>Definitions</i> may vary but they may be considered to represent the same <i>Meaning</i> . This is tautologically true for translated Definitions, but can also apply to Definitions in the same Language under two different Authorities. <i>Form of Definition</i> Each Authority may establish its own formal rules for Definitions. <i>Self-reference in Definitions</i> Although it is avoided in general, definitions in the RDD Dictionary may be linguistically self-referential (that is, using the Headword, or a related word, in the definition) because a Headword is a convenient token with no inherent semantic value. <i>Occurrence of Definitions in the RDD Dictionary</i> A Term may have any number of <i>Definitions</i> under any number of Authorities. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Definition → IsTypeOf → TermDescription <i>Type(s)</i> 1 Definition → HasType → AdoptedDefinition 2 Definition → HasType → RddDefinition |
| Delete To Destroy a DigitalResource. <i>Scope of Delete</i> <i>Delete</i> applies only to DigitalResources. <i>Delete</i> is not capable of reversal. After <i>Delete</i> , an "undelete" action is impossible. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Delete → IsTypeOf → Destroy <i>ActionFamily</i> 1 Delete → BegetsContextType → Deletion 2 Delete → BegetsAgentType → Deleter 3 Delete → BegetsResourceType → DeletedResource 4 Delete → BegetsResourceType → DeletingTool 5 Delete → BegetsTimeType → TimeOfDeleting 6 Delete → BegetsPlaceType → PlaceOfDeleting |
| Deleted The HistoricQuality of DeletedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Deleted → IsQualityTypeBegottenBy → Deletion 2 Deleted → IsHistoricQualityOf → DeletedResource 3 Deleted → IsTypeOf → Destroyed |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| DeletedResource A DigitalResource which is Deleted. <i>Scope of DeletedResource</i> A DeletedResource is a DigitalResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DeletedResource → IsResourceTypeBegottenBy → Delete 2 DeletedResource → IsTypeOf → DestroyedResource |
| Deleter An Agent that Deletes. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Deleter → IsAgentTypeBegottenBy → Delete 2 Deleter → IsTypeOf → Destroyer |
| DeletingTool A Tool Used to Delete a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DeletingTool → IsResourceTypeBegottenBy → Delete 2 DeletingTool → IsTypeOf → DestroyingTool |
| Deletion An Event in which a DigitalResource is Destroyed. <i>Synonym(s)</i> : DeletingEvent | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Deletion → IsContextTypeBegottenBy → Delete 2 Deletion → IsTypeOf → Destruction <i>ContextDescription</i> 1 Deletion → HasActType → Delete[occ:1] 2 Deletion → HasAgentType → Deleter[occ:1-n] 3 Deletion → HasResourceType → DeletedResource[occ:1-n] 4 [#1.n] → IsA → DigitalResource 5 Deletion → HasResourceType → DeletingTool[occ:0-n] 6 Deletion → HasTimeType → TimeOfDeleting[occ:1-n] 7 Deletion → HasPlaceType → PlaceOfDeleting[occ:1-n] <i>ContextFamily</i> 1 Deletion → BegetsQualityType → Deleted |
| Derivation A Resource that is Derived. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Derivation → IsResourceTypeBegottenBy → Derive 2 Derivation → IsTypeOf → Output <i>Type(s)</i> 1 Derivation → HasType → Abstraction 2 Derivation → HasType → Aggregation 3 Derivation → HasType → Adaptation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Derive To Make a new Resource out of an existing Resource. <i>Scope of Derive</i> <i>Derive</i> covers all Types of <i>Make</i> in which something is wholly made, or based on, an existing Output (for example, a translation of a text, a morph of a photograph, an edited version of a film, or an arrangement of a song). Its opposite, <i>Originate</i> , covers Making acts in which there is no dependence on existing Outputs at all. <i>Derive</i> does not include acts where something is made only out of materials or natural objects. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Derive → IsTypeOf → Make 2 Derive → IsTypeOf → Use 3 Derive → IsOpposedTo → Originate <i>Type(s)</i> 1 Derive → HasType → Abstract 2 Derive → HasType → Aggregate 3 Derive → HasType → Adapt <i>ActionFamily</i> 1 Derive → BegetsContextType → DerivingEvent 2 Derive → BegetsAgentType → Deriver 3 Derive → BegetsResourceType → Derivation 4 Derive → BegetsResourceType → Source 5 Derive → BegetsResourceType → DerivingTool 6 Derive → BegetsTimeType → TimeOfDeriving 7 Derive → BegetsPlaceType → PlaceOfDeriving 8 Derive → BegetsPlaceType → PlaceOfDerivingFrom 9 Derive → BegetsPlaceType → PlaceOfDerivingTo 10 Derive → BegetsRelatingTerm → IsDeriverOf 11 Derive → BegetsRelatingTerm → IsDerivedBy 12 Derive → BegetsRelatingTerm → HasSource 13 Derive → BegetsRelatingTerm → IsSourceOf |
| Derived The HistoricQuality of Derivation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Derived → IsQualityTypeBegottenBy → DerivingEvent 2 Derived → IsHistoricQualityOf → Derivation 3 Derived → IsTypeOf → Made <i>Type(s)</i> 1 Derived → HasType → Abstracted 2 Derived → HasType → Aggregated 3 Derived → HasType → Adapted |
| DerivedMeaning A Meaning wholly comprised of a combination of two or more existing Meanings Derived from related Terms. <i>Scope of DerivedMeaning</i> Meaning is Derived through inheritance and other Relationships which are established, directly or indirectly, on the basis of the ContextModel. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 DerivedMeaning → IsTypeOf → Meaning 2 DerivedMeaning → Is → Derived |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Deriver An Agent that Derives. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Deriver → IsAgentTypeBegottenBy → Derive 2 Deriver → IsTypeOf → Maker 3 Deriver → IsTypeOf → User <i>Type(s)</i> 1 Deriver → HasType → Abstracter 2 Deriver → HasType → Aggregator 3 Deriver → HasType → Adaptor |
| DerivingEvent An Event in which something is Derived. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DerivingEvent → IsContextTypeBegottenBy → Derive 2 DerivingEvent → IsTypeOf → MakingEvent 3 DerivingEvent → IsTypeOf → Usage <i>Type(s)</i> 1 DerivingEvent → HasType → AbstractingEvent 2 DerivingEvent → HasType → AggregatingEvent 3 DerivingEvent → HasType → AdaptingEvent <i>ContextDescription</i> 1 DerivingEvent → HasActType → Derive[occ:1] 2 DerivingEvent → HasAgentType → Deriver[occ:1-n] 3 DerivingEvent → HasResourceType → Derivation[#1.n][occ:1-n] 4 [#1.n] → HasPlace → [#5.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 DerivingEvent → HasResourceType → Source[#2.n][occ:1-n] 7 DerivingEvent → HasResourceType → DerivingTool[occ:0-n] 8 DerivingEvent → HasTimeType → TimeOfDeriving[occ:1-n] 9 DerivingEvent → HasPlaceType → PlaceOfDeriving[#3.n][occ:1-n] 10 DerivingEvent → HasPlaceType → PlaceOfDerivingFrom[#5.n][occ:1-n] 11 [#4.n] → IsPartOf → [#3.n] 12 DerivingEvent → HasPlaceType → PlaceOfDerivingTo[#5.n][occ:1-n] 13 [#5.n] → IsEqualTo → [#4.n][true:Sometimes] 14 [#5.n] → IsPartOf → [#3.n] <i>ContextFamily</i> 1 DerivingEvent → BegetsQualityType → Derived |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| DerivingTool A Tool Used to Derive. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DerivingTool → IsResourceTypeBegottenBy → Derive 2 DerivingTool → IsTypeOf → MakingTool 3 DerivingTool → IsTypeOf → UsingTool <i>Type(s)</i> 1 DerivingTool → HasType → AbstractingTool 2 DerivingTool → HasType → AggregatingTool 3 DerivingTool → HasType → AdaptingTool |
| Description A Textual account of an Entity and/or its Attributes. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Description → IsTypeOf → Utterance <i>Type(s)</i> 1 Description → HasType → TermDescription 2 Description → HasType → Comment |
| Destination A Place to which a Resource is Moved. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Destination → IsPlaceTypeBegottenBy → Move 2 Destination → IsTypeOf → PlaceOfModifying |
| Destroy To terminate the Existence of a Resource. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Destroy → IsTypeOf → InteractWith <i>Type(s)</i> 1 Destroy → HasType → Delete <i>ActionFamily</i> 1 Destroy → BegetsContextType → Destruction 2 Destroy → BegetsAgentType → Destroyer 3 Destroy → BegetsResourceType → DestroyedResource 4 Destroy → BegetsResourceType → DestroyingTool 5 Destroy → BegetsTimeType → TimeOfDestroying 6 Destroy → BegetsPlaceType → PlaceOfDestroying |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Destroyed The HistoricQuality of DestroyedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Destroyed → IsQualityTypeBegottenBy → Destruction 2 Destroyed → IsHistoricQualityOf → DestroyedResource 3 Destroyed → IsTypeOf → InteractedWith <i>Type(s)</i> 1 Destroyed → HasType → Deleted |
| DestroyedResource A Resource whose Existence is terminated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DestroyedResource → IsResourceTypeBegottenBy → Destroy 2 DestroyedResource → IsTypeOf → Input <i>Type(s)</i> 1 DestroyedResource → HasType → DeletedResource |
| Destroyer An Agent that Destroys. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Destroyer → IsAgentTypeBegottenBy → Destroy 2 Destroyer → IsTypeOf → Interactor <i>Type(s)</i> 1 Destroyer → HasType → Deleter |
| DestroyingTool A Tool Used to Destroy a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DestroyingTool → IsResourceTypeBegottenBy → Destroy 2 DestroyingTool → IsTypeOf → InteractingTool <i>Type(s)</i> 1 DestroyingTool → HasType → DeletingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Destruction An Event in which a Resource is Destroyed. <i>Synonym(s)</i> : DestroyingEvent | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Destruction → IsContextTypeBegottenBy → Destroy 2 Destruction → IsTypeOf → Interaction <i>Type(s)</i> 1 Destruction → HasType → Deletion <i>ContextDescription</i> 1 Destruction → HasActType → Destroy[occ:1] 2 Destruction → HasAgentType → Destroyer[occ:1-n] 3 Destruction → HasResourceType → DestroyedResource[occ:1-n] 4 Destruction → HasResourceType → DestroyingTool[#5.n][occ:0-n] 5 Destruction → HasTimeType → TimeOfDestroying[#6.n][occ:1-n] 6 Destruction → HasPlaceType → PlaceOfDestroying[#7.n][occ:1-n] <i>ContextFamily</i> 1 Destruction → BegetsQualityType → Destroyed |
| DigitalResource A Resource comprised of digital bits. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 DigitalResource → IsTypeOf → Resource |
| Disable To make a Resource incapable of being InteractedWith. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Disable → IsTypeOf → Change 2 Disable → IsOpposedTo → Enable <i>ActionFamily</i> 1 Disable → BegetsContextType → DisablingEvent 2 Disable → BegetsAgentType → Disabler 3 Disable → BegetsResourceType → DisabledResource 4 Disable → BegetsResourceType → DisablingTool 5 Disable → BegetsTimeType → TimeOfDisabling 6 Disable → BegetsPlaceType → PlaceOfDisabling |
| Disableable The PotentialQuality of DisabledResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Disableable → IsQualityTypeBegottenBy → DisablingEvent 2 Disableable → IsPotentialQualityOf → DisabledResource 3 Disableable → IsTypeOf → Changeable |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Disabled The HistoricQuality of DisabledResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Disabled → IsQualityTypeBegottenBy → DisablingEvent 2 Disabled → IsHistoricQualityOf → DisabledResource 3 Disabled → IsTypeOf → Changed |
| DisabledResource A Resource which is Disabled. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DisabledResource → IsResourceTypeBegottenBy → Disable 2 DisabledResource → IsTypeOf → ChangedResource |
| Disabler An Agent that Disables. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Disabler → IsAgentTypeBegottenBy → Disable 2 Disabler → IsTypeOf → Changer |
| DisablingEvent An Event in which a Resource is Disabled. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DisablingEvent → IsContextTypeBegottenBy → Disable 2 DisablingEvent → IsTypeOf → ChangingEvent <i>ContextDescription</i> 1 DisablingEvent → HasActType → Disable[occ:1] 2 DisablingEvent → HasAgentType → Disabler[occ:1-n] 3 DisablingEvent → HasResourceType → DisabledResource[occ:1-n] 4 DisablingEvent → HasResourceType → DisablingTool[occ:0-n] 5 DisablingEvent → HasTimeType → TimeOfDisabling[occ:1-n] 6 DisablingEvent → HasPlaceType → PlaceOfDisabling[occ:1-n] <i>ContextFamily</i> 1 DisablingEvent → BegetsQualityType → Disabled 2 DisablingEvent → BegetsQualityType → Disableable |
| DisablingTool A Tool Used to Disable. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 DisablingTool → IsResourceTypeBegottenBy → Disable 2 DisablingTool → IsTypeOf → ChangingTool |
| Do To make something happen. <i>Scope of Do</i> Do is the parent for all ActTypes which cause some attribute of something to change, permanently or temporarily. This includes <i>Making</i> , <i>InteractingWith</i> and | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Do → IsTypeOf → Act 2 Do → HasComponent → UseTool[true:Sometimes] <i>Type(s)</i> 1 Do → HasType → Make |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Destroying Resources. | 2 Do → HasType → InteractWith <i>ActionFamily</i> 1 Do → BegetsContextType → Event 2 Do → BegetsAgentType → Doer 3 Do → BegetsResourceType → Patient 4 Do → BegetsResourceType → ToolForDoing 5 Do → BegetsTimeType → TimeOfEvent 6 Do → BegetsPlaceType → PlaceOfEvent 7 Do → BegetsRelatingTerm → icoDoer 8 Do → BegetsRelatingTerm → IsDoerIn 9 Do → BegetsRelatingTerm → icoPatient 10 Do → BegetsRelatingTerm → IsPatientIn 11 Do → BegetsRelatingTerm → icoToolForDoing 12 Do → BegetsRelatingTerm → IsToolForDoingIn 13 Do → BegetsRelatingTerm → icoTimeOfEvent 14 Do → BegetsRelatingTerm → IsTimeOfEventIn 15 Do → BegetsRelatingTerm → icoPlaceOfEvent 16 Do → BegetsRelatingTerm → IsPlaceOfEventIn 17 Do → BegetsRelatingTerm → HasCo-Doer 18 Do → BegetsRelatingTerm → IsDoerDoingTo 19 Do → BegetsRelatingTerm → IsDoneToBy 20 Do → BegetsRelatingTerm → IsDoerWithTool 21 Do → BegetsRelatingTerm → IsToolForDoingBy 22 Do → BegetsRelatingTerm → IsDoerAtTime 23 Do → BegetsRelatingTerm → IsTimeOfDoingBy 24 Do → BegetsRelatingTerm → IsDoerInPlace 25 Do → BegetsRelatingTerm → IsPlaceOfDoingBy 26 Do → BegetsRelatingTerm → HasCo-Patient 27 Do → BegetsRelatingTerm → IsDoneWithTool 28 Do → BegetsRelatingTerm → IsToolForDoingTo 29 Do → BegetsRelatingTerm → IsPatientAtTime 30 Do → BegetsRelatingTerm → IsTimeOfBeingDoneToOf 31 Do → BegetsRelatingTerm → IsPatientInPlace 32 Do → BegetsRelatingTerm → IsPlaceOfBeingDoneToOf 33 Do → BegetsRelatingTerm → HasCo-ToolForDoing 34 Do → BegetsRelatingTerm → IsToolForDoingAtTime 35 Do → BegetsRelatingTerm → IsTimeOfDoingWithTool 36 Do → BegetsRelatingTerm → IsToolForDoingInPlace 37 Do → BegetsRelatingTerm → IsPlaceOfDoingWithTool 38 Do → BegetsRelatingTerm → HasCo-TimeOfEvent 39 Do → BegetsRelatingTerm → IsTimeOfEventInPlace 40 Do → BegetsRelatingTerm → IsPlaceOfEventAtTime 41 Do → BegetsRelatingTerm → HasCo-PlaceOfEvent |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Doable The PotentialQuality of Patient. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Doable → IsQualityTypeBegottenBy → Event 2 Doable → IsPotentialQualityOf → Patient 3 Doable → IsTypeOf → Actionable <i>Type(s)</i> 1 Doable → HasType → Makeable 2 Doable → HasType → InteractableWith |
| Doer An Agent that makes something happen. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Doer → IsAgentTypeBegottenBy → Do 2 Doer → IsTypeOf → Agent 3 Doer → HasComponent → ToolUser[true:Sometimes] <i>Type(s)</i> 1 Doer → HasType → Maker 2 Doer → HasType → Interactor |
| Doing The PresentQuality of Doer. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Doing → IsQualityTypeBegottenBy → Event 2 Doing → IsPresentQualityOf → Doer 3 Doing → IsTypeOf → Acting <i>Type(s)</i> 1 Doing → HasType → Making 2 Doing → HasType → InteractingWith |
| Done The HistoricQuality of Patient. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Done → IsQualityTypeBegottenBy → Event 2 Done → IsHistoricQualityOf → Patient 3 Done → IsTypeOf → ActedOn <i>Type(s)</i> 1 Done → HasType → Made 2 Done → HasType → InteractedWith |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Dynamic The PresentQuality of ChangedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Dynamic → IsQualityTypeBegottenBy → ChangingEvent 2 Dynamic → IsPresentQualityOf → ChangedResource 3 Dynamic → IsTypeOf → BeingInteractedWith 4 Dynamic → IsOpposedTo → Static 5 Dynamic → IsAllowedValueOf → Dynamism |
| Dynamism The Quality of changeability of attributes of a Resource. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Dynamism → IsTypeOf → Quality <i>Allowed Values</i> 1 Dynamism → HasAllowedValue → Static 2 Dynamism → HasAllowedValue → Dynamic |
| Embed To put a Resource into another Resource. <i>Scope of Embed</i> The Resource into which a Resource is <i>Embedded</i> may be pre-existing, or may be created by the act of combining this Resource with one or more others. <i>Embed</i> refers only to the embedding of an existing Resource in another. If a "copy" of an existing Resource is to be created and Embedded in another, then both Adapt and Embed are required in the Event. <i>Aggregate, Embed and Partition</i> <i>Aggregate</i> describes the process by which something (an <i>Aggregation</i>) comes into existence through the combination of two or more things (<i>Components</i>). <i>Embed</i> describes a process by which something (an <i>EmbeddedResource</i>) becomes a part of something else which already exists (a <i>Host</i>). <i>Partition</i> is an Ascriptive process whereby someone identifies the fact that something (a <i>Part</i>) is a part of something else (a <i>Whole</i>). Some Components are EmbeddedResources, and vice versa. All Components and EmbeddedResources are Parts, but not all Parts are Components or EmbeddedResources. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Embed → IsTypeOf → Relate <i>ActionFamily</i> 1 Embed → BegetsContextType → EmbeddingEvent 2 Embed → BegetsAgentType → Embedder 3 Embed → BegetsResourceType → EmbeddedResource 4 Embed → BegetsResourceType → Host 5 Embed → BegetsResourceType → EmbeddingTool 6 Embed → BegetsTimeType → TimeOfEmbedding 7 Embed → BegetsPlaceType → PlaceOfEmbedding |
| Embedded The HistoricQuality of EmbeddedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Embedded → IsQualityTypeBegottenBy → EmbeddingEvent 2 Embedded → IsHistoricQualityOf → EmbeddedResource 3 Embedded → IsTypeOf → Related |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| EmbeddedInto The HistoricQuality of Host. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EmbeddedInto → IsQualityTypeBegottenBy → EmbeddingEvent 2 EmbeddedInto → IsHistoricQualityOf → Host 3 EmbeddedInto → IsTypeOf → Related |
| EmbeddedResource A Resource Embedded in another Resource. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 EmbeddedResource → IsResourceTypeBegottenBy → Embed 2 EmbeddedResource → IsTypeOf → Relative |
| Embedder An Agent that Embeds. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Embedder → IsAgentTypeBegottenBy → Embed 2 Embedder → IsTypeOf → Relator |
| Embedding The PresentQuality of Embedder. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Embedding → IsQualityTypeBegottenBy → EmbeddingEvent 2 Embedding → IsPresentQualityOf → Embedder 3 Embedding → IsTypeOf → Relating |
| EmbeddingEvent An Event in which a Resource is Embedded in another. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EmbeddingEvent → IsContextTypeBegottenBy → Embed 2 EmbeddingEvent → IsTypeOf → RelatingEvent <i>ContextDescription</i> 1 EmbeddingEvent → HasActType → Embed[occ:1] 2 EmbeddingEvent → HasAgentType → Embedder[occ:1-n] 3 EmbeddingEvent → HasResourceType → EmbeddedResource[occ:1-n] 4 EmbeddingEvent → HasResourceType → Host[occ:1] 5 EmbeddingEvent → HasResourceType → EmbeddingTool[occ:0-n] 6 EmbeddingEvent → HasTimeType → TimeOfEmbedding[occ:1-n] 7 EmbeddingEvent → HasPlaceType → PlaceOfEmbedding[occ:1-n] <i>ContextFamily</i> 1 EmbeddingEvent → BegetsQualityType → Embedding 2 EmbeddingEvent → BegetsQualityType → Embedded 3 EmbeddingEvent → BegetsQualityType → EmbeddedInto |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| EmbeddingTool A Tool Used to Embed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EmbeddingTool → IsResourceTypeBegottenBy → Embed 2 EmbeddingTool → IsTypeOf → RelatingTool |
| Enable To make a Resource capable of being InteractedWith. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Enable → IsTypeOf → Change 2 Enable → IsOpposedTo → Disable <i>ActionFamily</i> 1 Enable → BegetsContextType → EnablingEvent 2 Enable → BegetsAgentType → Enabler 3 Enable → BegetsResourceType → EnabledResource 4 Enable → BegetsResourceType → EnablingTool 5 Enable → BegetsTimeType → TimeOfEnabling 6 Enable → BegetsPlaceType → PlaceOfEnabling |
| Enabled The HistoricQuality of EnabledResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Enabled → IsQualityTypeBegottenBy → EnablingEvent 2 Enabled → IsHistoricQualityOf → EnabledResource 3 Enabled → IsTypeOf → Changed |
| EnabledResource A Resource which is Enabled. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EnabledResource → IsResourceTypeBegottenBy → Enable 2 EnabledResource → IsTypeOf → ChangedResource |
| Enabler An Agent that Enables. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Enabler → IsAgentTypeBegottenBy → Enable 2 Enabler → IsTypeOf → Changer |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| EnablingEvent An Event in which a Resource is Enabled. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EnablingEvent → IsContextTypeBegottenBy → Enable 2 EnablingEvent → IsTypeOf → ChangingEvent <i>ContextDescription</i> 1 EnablingEvent → HasActType → Enable[occ:1] 2 EnablingEvent → HasAgentType → Enabler[occ:1-n] 3 EnablingEvent → HasResourceType → EnabledResource[occ:1-n] 4 EnablingEvent → HasResourceType → EnablingTool[occ:0-n] 5 EnablingEvent → HasTimeType → TimeOfEnabling[occ:1-n] 6 EnablingEvent → HasPlaceType → PlaceOfEnabling[occ:1-n] <i>ContextFamily</i> 1 EnablingEvent → BegetsQualityType → Enabled |
| EnablingTool A Tool Used to Enable. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EnablingTool → IsResourceTypeBegottenBy → Enable 2 EnablingTool → IsTypeOf → ChangingTool |
| EndTime A Time at which a Context ends. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 EndTime → IsTypeOf → Time |
| EndTimeOfExistence A Time at which an Existence ends. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 EndTimeOfExistence → IsTypeOf → TimeOfExistence 2 EndTimeOfExistence → IsA → EndTime |
| EndTimeOfSituation A Time at which a Situation ends. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 EndTimeOfSituation → IsTypeOf → TimeOfSituation 2 EndTimeOfSituation → IsA → EndTime |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Enlarge To Modify a Resource by adding to it. <i>Scope of Enlarge</i> With <i>Enlarge</i> , a single Resource is preserved at the end of the process. Changes may include the addition of new material, including the Embedding of other Resources, but not the changing or removal of existing elements of the original Resource. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Enlarge → IsTypeOf → Modify <i>ActionFamily</i> 1 Enlarge → BegetsContextType → Enlargement 2 Enlarge → BegetsAgentType → Enlarger 3 Enlarge → BegetsResourceType → EnlargedResource 4 Enlarge → BegetsResourceType → EnlargingTool 5 Enlarge → BegetsTimeType → TimeOfEnlarging 6 Enlarge → BegetsPlaceType → PlaceOfEnlarging |
| Enlarged The HistoricQuality of EnlargedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Enlarged → IsQualityTypeBegottenBy → Enlargement 2 Enlarged → IsHistoricQualityOf → EnlargedResource 3 Enlarged → IsTypeOf → Modified |
| EnlargedResource A Resource which is Enlarged. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EnlargedResource → IsResourceTypeBegottenBy → Enlarge 2 EnlargedResource → IsTypeOf → ModifiedResource |
| Enlargement An Event in which a Resource is Enlarged. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Enlargement → IsContextTypeBegottenBy → Enlarge 2 Enlargement → IsTypeOf → Modification <i>ContextDescription</i> 1 Enlargement → HasActType → Enlarge[occ:1] 2 Enlargement → HasAgentType → Enlarger[occ:1-n] 3 Enlargement → HasResourceType → EnlargedResource[occ:1-n] 4 Enlargement → HasResourceType → EnlargingTool[occ:0-n] 5 Enlargement → HasTimeType → TimeOfEnlarging[occ:1-n] 6 Enlargement → HasPlaceType → PlaceOfEnlarging[occ:1-n] <i>ContextFamily</i> 1 Enlargement → BegetsQualityType → Enlarged |
| Enlarger An Agent that Enlarges a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Enlarger → IsAgentTypeBegottenBy → Enlarge 2 Enlarger → IsTypeOf → Modifier |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| EnlargingTool A Tool Used to Enlarge. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EnlargingTool → IsResourceTypeBegottenBy → Enlarge 2 EnlargingTool → IsTypeOf → ModifyingTool |
| Entity A Resource to which a Name is Ascribed. <i>Synonym(s)</i> : NamedResource, NominatedResource <i>Scope of Entity</i> An <i>Entity</i> is anything which is referenced with any kind of Name. It may be imaginary (for example, a unicorn) or incapable of existing (for example, the square root of -1). | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Entity → IsResourceTypeBegottenBy → Nominate 2 Entity → IsTypeOf → AscribedResource <i>Type(s)</i> 1 Entity → HasType → IdentifiedResource |
| Equate To Relate Resources which have the same Value. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Equate → IsTypeOf → Relate 2 Equate → IsOpposedTo → Oppose <i>ActionFamily</i> 1 Equate → BegetsContextType → EquatingEvent 2 Equate → BegetsAgentType → Equater 3 Equate → BegetsResourceType → Equivalent 4 Equate → BegetsResourceType → EquatingTool 5 Equate → BegetsTimeType → TimeOfEquating 6 Equate → BegetsPlaceType → PlaceOfEquating 7 Equate → BegetsRelatingTerm → IsEqualTo |
| Equater An Agent that Equates. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Equater → IsAgentTypeBegottenBy → Equate 2 Equater → IsTypeOf → Relator |
| EquatingEvent An Event in which Resources are Equated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EquatingEvent → IsContextTypeBegottenBy → Equate 2 EquatingEvent → IsTypeOf → RelatingEvent <i>ContextDescription</i> 1 EquatingEvent → HasActType → Equate[occ:1] 2 EquatingEvent → HasAgentType → Equater[occ:1-n] 3 EquatingEvent → HasResourceType → Equivalent[occ:2-n] 4 EquatingEvent → HasResourceType → EquatingTool[occ:0-n] 5 EquatingEvent → HasTimeType → TimeOfEquating[occ:1-n] 6 EquatingEvent → HasPlaceType → PlaceOfEquating[occ:1-n] |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| EquatingTool A Tool with which Resources are Equated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EquatingTool → IsResourceTypeBegottenBy → Equate 2 EquatingTool → IsTypeOf → RelatingTool |
| Equivalent One of two Resources which have the same Value. <i>Occurrences of Equivalent</i> If more than two <i>Equivalents</i> occur, then each is an Equivalent of every other one (that is, a one-to-one <i>IsEqualTo</i> Relationship exists for every pair of Equivalents in an EquatingEvent). | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Equivalent → IsResourceTypeBegottenBy → Equate 2 Equivalent → IsTypeOf → Relative |
| Evaluate To Ascribe one Resource to another as a Value. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Evaluate → IsTypeOf → Ascribe <i>ActionFamily</i> 1 Evaluate → BegetsContextType → EvaluatingEvent 2 Evaluate → BegetsAgentType → Evaluator 3 Evaluate → BegetsResourceType → Value 4 Evaluate → BegetsResourceType → EvaluatedResource 5 Evaluate → BegetsResourceType → EvaluatingTool 6 Evaluate → BegetsTimeType → TimeOfEvaluating 7 Evaluate → BegetsPlaceType → PlaceOfEvaluating 8 Evaluate → BegetsRelatingTerm → IsValueOf 9 Evaluate → BegetsRelatingTerm → HasValue |
| Evaluated The HistoricQuality of EvaluatedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Evaluated → IsQualityTypeBegottenBy → EvaluatingEvent 2 Evaluated → IsHistoricQualityOf → EvaluatedResource 3 Evaluated → IsTypeOf → AscribedTo |
| EvaluatedResource A Resource to which a Value is Ascribed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EvaluatedResource → IsResourceTypeBegottenBy → Evaluate 2 EvaluatedResource → IsTypeOf → AscribedResource |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| EvaluatingEvent An Event in which a Resource is Evaluated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EvaluatingEvent → IsContextTypeBegottenBy → Evaluate 2 EvaluatingEvent → IsTypeOf → AscribingEvent <i>ContextDescription</i> 1 EvaluatingEvent → HasActType → Evaluate[occ:1] 2 EvaluatingEvent → HasAgentType → Evaluator[occ:1-n] 3 EvaluatingEvent → HasResourceType → Value[occ:1-n] 4 EvaluatingEvent → HasResourceType → EvaluatedResource[occ:1-n] 5 EvaluatingEvent → HasResourceType → EvaluatingTool[occ:0-n] 6 EvaluatingEvent → HasTimeType → TimeOfEvaluating[occ:1-n] 7 EvaluatingEvent → HasPlaceType → PlaceOfEvaluating[occ:1-n] <i>ContextFamily</i> 1 EvaluatingEvent → BegetsQualityType → Evaluated |
| EvaluatingTool A Tool with which something is Evaluated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 EvaluatingTool → IsResourceTypeBegottenBy → Evaluate 2 EvaluatingTool → IsTypeOf → AscribingTool |
| Evaluator An Agent that Evaluates. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Evaluator → IsAgentTypeBegottenBy → Evaluate 2 Evaluator → IsTypeOf → Ascriber |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Event A Context in which, or as a result of which, something changes. <i>Scope of Event</i> An <i>Event</i> is a Context in which some attribute of an Agent or Resource comes into <i>Existence</i> , or <i>Changes</i> (permanently or temporarily), or is <i>Destroyed</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Event → IsContextTypeBegottenBy → Do 2 Event → IsTypeOf → Context 3 Event → HasComponent → ToolUsage[true:Sometimes] <i>Type(s)</i> 1 Event → HasType → MakingEvent 2 Event → HasType → Interaction <i>ContextDescription</i> 1 Event → HasActType → Do[occ:1] 2 Event → HasAgentType → Doer[occ:1-n] 3 Event → HasResourceType → Patient[occ:0-n] 4 Event → HasResourceType → ToolForDoing[occ:0-n] 5 Event → HasTimeType → TimeOfEvent[#1.n][occ:1-n] 6 Event → HasPlaceType → PlaceOfEvent[#2.n][occ:1-n] 7 Event → HasStateType → Situation[occ:0-n] 8 [#1.n] → icoSituationStartTime → [#2.n] <i>ContextFamily</i> 1 Event → BegetsQualityType → Doing 2 Event → BegetsQualityType → Done 3 Event → BegetsQualityType → BeingDone 4 Event → BegetsStateType → Situation 5 Event → BegetsQualityType → Doable |
| Exact Of an Entity (such as a Quantity) the Value of which is exact. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Exact → IsAllowedValueOf → Precision |
| Example An instance of usage illustrating the Meaning of a Term or TermAttribute. <i>Occurrence of Examples in the RDD Dictionary</i> Each Term may have any number of <i>Examples</i> under any number of Authorities in any Language. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Example → IsTypeOf → TermDescription |
| Excerpt A Resource that is Extracted from another Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Excerpt → IsResourceTypeBegottenBy → Extract 2 Excerpt → IsTypeOf → Adaptation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Executable The PotentialQuality of ExecutedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Executable → IsQualityTypeBegottenBy → Execution 2 Executable → IsPotentialQualityOf → ExecutedResource 3 Executable → IsTypeOf → Activatable |
| Execute To execute a DigitalResource. <i>Scope of Execute</i> <i>Execute</i> describes the primitive computing process of executing. <i>Execute</i> applies only to DigitalResources. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Execute → IsTypeOf → Activate <i>ActionFamily</i> 1 Execute → BegetsContextType → Execution 2 Execute → BegetsAgentType → Executor 3 Execute → BegetsResourceType → ExecutedResource 4 Execute → BegetsResourceType → ExecutingTool 5 Execute → BegetsTimeType → TimeOfExecuting 6 Execute → BegetsPlaceType → PlaceOfExecuting |
| Executed The HistoricQuality of ExecutedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Executed → IsQualityTypeBegottenBy → Execution 2 Executed → IsHistoricQualityOf → ExecutedResource 3 Executed → IsTypeOf → Activated |
| ExecutedResource A Resource which is Executed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ExecutedResource → IsResourceTypeBegottenBy → Execute 2 ExecutedResource → IsTypeOf → ActivatedResource 3 ExecutedResource → IsA → DigitalResource |
| ExecutingTool A Tool Used to Execute. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ExecutingTool → IsResourceTypeBegottenBy → Execute 2 ExecutingTool → IsTypeOf → ActivatingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Execution An Event in which a SoftwareProgram is Executed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Execution → IsContextTypeBegottenBy → Execute 2 Execution → IsTypeOf → Activation <i>ContextDescription</i> 1 Execution → HasActType → Execute[occ:1] 2 Execution → HasAgentType → Executor[occ:1-n] 3 Execution → HasResourceType → ExecutedResource[occ:1-n] 4 Execution → HasResourceType → ExecutingTool[occ:0-n] 5 Execution → HasTimeType → TimeOfExecuting[occ:1-n] 6 Execution → HasPlaceType → PlaceOfExecuting[occ:1-n] <i>ContextFamily</i> 1 Execution → BegetsQualityType → Executed 2 Execution → BegetsQualityType → Executable |
| Executor An Agent that Executes. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Executor → IsAgentTypeBegottenBy → Execute 2 Executor → IsTypeOf → Activator |
| Exist To have existence. <i>Scope of Exist</i> To <i>Exist</i> is to be Perceived as real within a particular Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Exist → IsActTypeBegottenBy → Existence 2 Exist → IsTypeOf → Have |
| Existed The HistoricQuality of Existent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Existed → IsQualityTypeBegottenBy → Existence 2 Existed → IsHistoricQualityOf → Existent 3 Existed → IsTypeOf → Had |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Existence A Situation in which something Exists. <i>Scope of Existence</i> An <i>Existence</i> frames the "universe" which an Existent inhabits. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Existence → IsTypeOf → Situation 2 Existence → IsStateTypeBegottenBy → MakingEvent <i>ContextDescription</i> 1 Existence → HasActType → Exist[occ:1] 2 Existence → HasAgentType → Existent[occ:1-n] 3 Existence → HasTimeType → TimeOfExistence[occ:1-n] 4 Existence → HasPlaceType → PlaceOfExistence[occ:1-n] <i>ContextFamily</i> 1 Existence → BegetsActType → Exist 2 Existence → BegetsAgentType → Existent 3 Existence → BegetsTimeType → TimeOfExistence 4 Existence → BegetsPlaceType → PlaceOfExistence 5 Existence → BegetsRelatingTerm → icoExistent 6 Existence → BegetsRelatingTerm → IsExistentIn 7 Existence → BegetsRelatingTerm → icoTimeOfExistence 8 Existence → BegetsRelatingTerm → IsTimeOfExistenceIn 9 Existence → BegetsRelatingTerm → icoPlaceOfExistence 10 Existence → BegetsRelatingTerm → IsPlaceOfExistenceIn 11 Existence → BegetsRelatingTerm → IsCo-Existent 12 Existence → BegetsRelatingTerm → HasTime 13 Existence → BegetsRelatingTerm → IsTimeOf 14 Existence → BegetsRelatingTerm → HasPlace 15 Existence → BegetsRelatingTerm → IsPlaceOf 16 Existence → BegetsRelatingTerm → HasCo-TimeOfExistence 17 Existence → BegetsRelatingTerm → IsTimeOfExistenceInPlace 18 Existence → BegetsRelatingTerm → IsPlaceOfExistenceAtTime 19 Existence → BegetsRelatingTerm → HasCo-PlaceOfExistence 20 Existence → BegetsQualityType → Existed 21 Existence → BegetsQualityType → Existing 22 Existence → BegetsQualityType → Potential |
| Existent An Agent that Exists. <i>Existent and Entity</i> Every <i>Existent</i> is an <i>Entity</i> , because within the universe described by RDD nothing can meaningfully Exist without being Named, but some <i>Entities</i> are not <i>Existents</i> because they are not real in the Context within which they are Named (for example, a unicorn is an Entity but not an Existent in 21st Century Europe). | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Existent → IsAgentTypeBegottenBy → Existence 2 Existent → IsTypeOf → Possessor |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Existing The PresentQuality of Existent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Existing → IsQualityTypeBegottenBy → Existence 2 Existing → IsPresentQualityOf → Existent 3 Existing → IsTypeOf → Having |
| Express To Make a Perceivable Resource. <i>Scope of Express</i> <i>Express</i> is typically used to describe the process of making something Perceivable (a <i>Manifestation</i>) from a Concept (<i>Abstraction</i>): for example, a particular Performance or Fixation of an abstract work such as a song, a printed book or a digital object. However, an Expression may have another Manifestation as its Source (as with the playing of a recording); and it may have no Source at all, in the fundamental cases of original creativity where an Abstraction cannot be said to exist until the Expressing of the latent idea has occurred ("ideas" being commonly unreferenced or unreferenceable). In such cases the acts of <i>Express</i> and <i>Abstract</i> happen concurrently. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Express → IsTypeOf → Make 2 Express → HasComponent → Derive[true:Sometimes] <i>Type(s)</i> 1 Express → HasType → Perform 2 Express → HasType → Fix 3 Express → HasType → Say 4 Express → HasType → Render <i>ActionFamily</i> 1 Express → BegetsContextType → Expression 2 Express → BegetsAgentType → Expresser 3 Express → BegetsResourceType → Manifestation 4 Express → BegetsResourceType → SourceOfManifestation 5 Express → BegetsResourceType → ExpressingTool 6 Express → BegetsTimeType → TimeOfExpression 7 Express → BegetsPlaceType → PlaceOfExpression 8 Express → BegetsPlaceType → PlaceOfExpressingFrom 9 Express → BegetsPlaceType → PlaceOfManifestation 10 Express → BegetsRelatingTerm → IsExpressionOf 11 Express → BegetsRelatingTerm → IsSourceManifestedIn |
| Expressed The HistoricQuality of Manifestation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Expressed → IsQualityTypeBegottenBy → Expression 2 Expressed → IsHistoricQualityOf → Manifestation 3 Expressed → IsTypeOf → Made <i>Type(s)</i> 1 Expressed → HasType → Performed 2 Expressed → HasType → Fixed 3 Expressed → HasType → Rendered |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Expresser An Agent that Expresses. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Expresser → IsAgentTypeBegottenBy → Express 2 Expresser → IsTypeOf → Maker 3 Expresser → HasComponent → Deriver[true:Sometimes] <i>Type(s)</i> 1 Expresser → HasType → Performer 2 Expresser → HasType → Fixer 3 Expresser → HasType → Sayer 4 Expresser → HasType → Renderer |
| ExpressingTool A Tool Used to Express a Manifestation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ExpressingTool → IsResourceTypeBegottenBy → Express 2 ExpressingTool → IsTypeOf → MakingTool 3 ExpressingTool → HasComponent → DerivingTool[true:Sometimes] <i>Type(s)</i> 1 ExpressingTool → HasType → PerformingTool 2 ExpressingTool → HasType → FixingTool 3 ExpressingTool → HasType → SayingTool 4 ExpressingTool → HasType → RenderingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Expression An Event in which a Resource is Expressed. <i>Expression and Manifestation</i> A <i>Manifestation</i> may be in any Perceivable form, such as an image, text or object. However, when no Fixation is made, the Expression is its own Manifestation (for example, in the live Performance of a piece of music). | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Expression → IsContextTypeBegottenBy → Express 2 Expression → IsTypeOf → MakingEvent 3 Expression → HasComponent → DerivingEvent[true:Sometimes] <i>Type(s)</i> 1 Expression → HasType → PerformingEvent 2 Expression → HasType → FixingEvent 3 Expression → HasType → SayingEvent 4 Expression → HasType → RenderingEvent <i>ContextDescription</i> 1 Expression[#1] → HasActType → Express[occ:1] 2 Expression → HasAgentType → Expresser[occ:1-n] 3 Expression → HasResourceType → Manifestation[#2.n][occ:1-n] 4 [#2.n] → IsEqualTo → [#1][true:Sometimes] 5 [#2.n] → HasPlace → [#6.n][occ:1-n] 6 Expression → HasResourceType → SourceOfManifestation[#3.n][occ:0-n] 7 [#3.n] → HasPlace → [#5.n][occ:1-n] 8 Expression → HasResourceType → ExpressingTool[occ:0-n] 9 Expression → HasTimeType → TimeOfExpression[occ:1-n] 10 Expression → HasPlaceType → PlaceOfExpression[#4.n][occ:1-n] 11 [#5.n] → IsPartOf → [#4.n] 12 Expression → HasPlaceType → PlaceOfExpressingFrom[#5.n][occ:1-n] 13 Expression → HasPlaceType → PlaceOfManifestation[#6.n][occ:1-n] 14 [#6.n] → IsPartOf → [#4.n] <i>ContextFamily</i> 1 Expression → BegetsQualityType → Expressed |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Extract To take a part out of an existing Resource to Derive a new Resource. <i>Scope of Extract</i> With <i>Extract</i> , two distinct Resources will exist at the end of the process, one of which is the original Resource in unchanged form, and one which is newly made and whose content is Adapted from a part of the original Resource. Changes may be made temporarily to the original resource in the course of the Extract process, but such changes are not saved in the original Resource at the end of the process. <i>Types of Extract</i> Specializations of <i>Extract</i> may differentiate themselves by requiring specific attributes of the Extracted part of the Resource to be preserved or changed in the process of Embedding. The specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Extract → IsTypeOf → Adapt <i>ActionFamily</i> 1 Extract → BegetsContextType → ExtractingEvent 2 Extract → BegetsAgentType → Extractor 3 Extract → BegetsResourceType → Excerpt 4 Extract → BegetsResourceType → SourceOfExcerpt 5 Extract → BegetsResourceType → ExtractingTool 6 Extract → BegetsTimeType → TimeOfExtracting 7 Extract → BegetsPlaceType → PlaceOfExtracting 8 Extract → BegetsPlaceType → PlaceOfExtractingFrom 9 Extract → BegetsPlaceType → PlaceOfExtractingTo |
| Extracted The HistoricQuality of Excerpt. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Extracted → IsQualityTypeBegottenBy → ExtractingEvent 2 Extracted → IsHistoricQualityOf → Excerpt 3 Extracted → IsTypeOf → Adapted |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| ExtractingEvent An Event in which a Resource is Extracted. <i>Synonym(s):</i> ExcerptingEvent | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 ExtractingEvent → IsContextTypeBegottenBy → Extract 2 ExtractingEvent → IsTypeOf → AdaptingEvent <i>ContextDescription</i> 1 ExtractingEvent → HasActType → Extract[occ:1] 2 ExtractingEvent → HasAgentType → Extractor[occ:1-n] 3 ExtractingEvent → HasResourceType → Excerpt[#1.n][occ:1-n] 4 [#1.n] → HasPlace → [#5.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 ExtractingEvent → HasResourceType → SourceOfExcerpt[#2.n][occ:1-n] 7 ExtractingEvent → HasResourceType → ExtractingTool[occ:0-n] 8 ExtractingEvent → HasTimeType → TimeOfExtracting[occ:1-n] 9 ExtractingEvent → HasPlaceType → PlaceOfExtracting[#3.n][occ:1-n] 10 ExtractingEvent → HasPlaceType → PlaceOfExtractingFrom[#4.n][occ:1-n] 11 [#4.n] → IsPartOf → [#3.n] 12 ExtractingEvent → HasPlaceType → PlaceOfExtractingTo[#5.n][occ:1-n] 13 [#5.n] → IsEqualTo → [#4.n][true:Sometimes] 14 [#5.n] → IsPartOf → [#3.n] <i>ContextFamily</i> 1 ExtractingEvent → BegetsQualityType → Extracted |
| ExtractingTool A Tool Used to Extract. <i>Synonym(s):</i> ExcerptingTool | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 ExtractingTool → IsResourceTypeBegottenBy → Extract 2 ExtractingTool → IsTypeOf → AdaptingTool |
| Extractor An Agent that Extracts. <i>Synonym(s):</i> Excerptor | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 Extractor → IsAgentTypeBegottenBy → Extract 2 Extractor → IsTypeOf → Adaptor |
| False Of something that is not True in a particular Context. | <i>MeaningType:</i> PartlyDerived <i>Genealogy</i> 1 False → IsOpposedTo → True 2 False → IsAllowedValueOf → Veracity |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|---|
| Family A group of Relationships that determine attribute inheritance from one Term to others according to the ContextModel. <i>Structure of Family</i> The structure of a <i>Family</i> is derived from the ContextModel. <i>Types of Family</i> There are two Types of <i>Families</i> of Terms: <i>ActionFamily</i> and <i>ContextFamily</i> . | MeaningType: PartlyDerived Genealogy 1 Family → IsTypeOf → RelationshipSet Type(s) 1 Family → HasType → ActionFamily 2 Family → HasType → ContextFamily |
| FirstTerm The FirstTerm in the RDD. | MeaningType: Original Genealogy 1 FirstTerm → IsEqualTo → Act |
| Fix To Express a Persistent Resource. <i>Scope of Fix</i> <i>Fix</i> is the process of Expressing where the result is a Persistent Manifestation - that is, something that continues to Exist beyond the act of Expression itself. | MeaningType: Derived Genealogy 1 Fix → IsTypeOf → Express 2 Fix → IsOpposedTo → Perform Type(s) 1 Fix → HasType → Print ActionFamily 1 Fix → BegetsContextType → FixingEvent 2 Fix → BegetsAgentType → Fixer 3 Fix → BegetsResourceType → Fixation 4 Fix → BegetsResourceType → SourceOfFixation 5 Fix → BegetsResourceType → FixingTool 6 Fix → BegetsTimeType → TimeOfFixing 7 Fix → BegetsPlaceType → PlaceOfFixing 8 Fix → BegetsPlaceType → PlaceOfFixation 9 Fix → BegetsPlaceType → PlaceOfFixingFrom |
| Fixation A Persistent Manifestation. | MeaningType: Derived Genealogy 1 Fixation → IsResourceTypeBegottenBy → Fix 2 Fixation → IsTypeOf → Manifestation 3 Fixation → Is → Persistent Type(s) 1 Fixation → HasType → PrintRendition |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Fixed The HistoricQuality of Fixation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Fixed → IsQualityTypeBegottenBy → FixingEvent 2 Fixed → IsHistoricQualityOf → Fixation 3 Fixed → IsTypeOf → Expressed <i>Type(s)</i> 1 Fixed → HasType → Printed |
| Fixer An Agent that Fixes. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Fixer → IsAgentTypeBegottenBy → Fix 2 Fixer → IsTypeOf → Expresser <i>Type(s)</i> 1 Fixer → HasType → Printer |
| FixingEvent An Event in which something is Fixed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 FixingEvent → IsContextTypeBegottenBy → Fix 2 FixingEvent → IsTypeOf → Expression <i>Type(s)</i> 1 FixingEvent → HasType → PrintingEvent <i>ContextDescription</i> 1 FixingEvent[#1] → HasActType → Fix[occ:1] 2 FixingEvent → HasAgentType → Fixer[occ:1-n] 3 FixingEvent → HasResourceType → Fixation[#2.n][occ:1-n] 4 [#2.n] → IsEqualTo → [#1][true:Sometimes] 5 [#2.n] → HasPlace → [#6.n][occ:1-n] 6 FixingEvent → HasResourceType → SourceOfFixation[#3.n][occ:0-n] 7 [#3.n] → HasPlace → [#5.n][occ:1-n] 8 FixingEvent → HasResourceType → FixingTool[occ:0-n] 9 FixingEvent → HasTimeType → TimeOfFixing[occ:1-n] 10 FixingEvent → HasPlaceType → PlaceOfFixing[#4.n][occ:1-n] 11 FixingEvent → HasPlaceType → PlaceOfFixingFrom[#5.n][occ:0-n] 12 [#5.n] → IsPartOf → [#4.n] 13 FixingEvent → HasPlaceType → PlaceOfFixation[#6.n][occ:0-n] 14 [#6.n] → IsPartOf → [#4.n] <i>ContextFamily</i> 1 FixingEvent → BegetsQualityType → Fixed |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| FixingTool A Tool Used for Fixing. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 FixingTool → IsResourceTypeBegottenBy → Fix 2 FixingTool → IsTypeOf → ExpressingTool <i>Type(s)</i> 1 FixingTool → HasType → PrintingTool |
| Form A Quality with formal characteristics. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Form → IsTypeOf → Quality <i>Type(s)</i> 1 Form → HasType → Language 2 Form → HasType → Numerical <i>Allowed Values</i> 1 Form → HasAllowedValue → Lexical |
| Genealogy A group of Relationships that determine the derivation of, and constraints on, Meaning for a Term, and which are true regardless of Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Genealogy → IsTypeOf → RelationshipSet |
| Had The HistoricQuality of Possessor. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Had → IsQualityTypeBegottenBy → Situation 2 Had → IsHistoricQualityOf → Possessor 3 Had → IsTypeOf → Acted <i>Type(s)</i> 1 Had → HasType → Existed |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Has The RelatingTerm between Possessor and Attribute in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Has → IsRelatingTermBegottenBy → Situation 2 Has → IsRelatingTermFrom → Possessor 3 Has → IsRelatingTermTo → Attribute 4 Has → IsReciprocalOf → IsAttributeOf 5 Has → IsTypeOf → IsAgentActingOn <i>Type(s)</i> 1 Has → HasType → HasActType 2 Has → HasType → HasAgentType 3 Has → HasType → HasResourceType 4 Has → HasType → HasTimeType 5 Has → HasType → HasPlaceType 6 Has → HasType → HasStateType 7 Has → HasType → HasMemberOf 8 Has → HasType → HasComment |
| HasActType The RelatingTerm from a ContextType to an ActType that happens in it. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasActType → IsReciprocalOf → IsActTypeOf 2 HasActType → IsTypeOf → Has 3 HasActType → IsRelatingTermFrom → ContextType 4 HasActType → IsRelatingTermTo → ActType |
| HasAdaptation The RelatingTerm between SourceOfAdaptation and Adaptation in the Adapt ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasAdaptation → IsReciprocalOf → IsAdaptationOf 2 HasAdaptation → IsRelatingTermBegottenBy → Adapt 3 HasAdaptation → IsRelatingTermFrom → SourceOfAdaptation 4 HasAdaptation → IsRelatingTermTo → Adaptation <i>Type(s)</i> 1 HasAdaptation → HasType → HasTransformation |
| HasAgentType The RelatingTerm from a ContextType to an AgentType that Acts in it. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasAgentType → IsReciprocalOf → IsAgentTypeOf 2 HasAgentType → IsTypeOf → Has 3 HasAgentType → IsRelatingTermFrom → ContextType 4 HasAgentType → IsRelatingTermTo → AgentType |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| HasAllowedValue The RelatingTerm from a Term to an AllowedValue of the Term. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasAllowedValue → IsReciprocalOf → IsAllowedValueOf 2 HasAllowedValue → IsTypeOf → HasValue 3 HasAllowedValue → IsRelatingTermFrom → Term 4 HasAllowedValue → IsRelatingTermTo → AllowedValue |
| HasAscription The RelatingTerm between AscribedResource and Ascription in the Ascribe ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasAscription → IsReciprocalOf → IsAscriptionTo 2 HasAscription → IsRelatingTermBegottenBy → Ascribe 3 HasAscription → IsRelatingTermFrom → AscribedResource 4 HasAscription → IsRelatingTermTo → Ascription 5 HasAscription → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 HasAscription → HasType → HasName 2 HasAscription → HasType → HasType 3 HasAscription → HasType → IsA 4 HasAscription → HasType → Is 5 HasAscription → HasType → HasPart 6 HasAscription → HasType → HasValue |
| HasCo-Agent The RelatingTerm between Agent and Agent in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-Agent → IsRelatingTermBegottenBy → Act 2 HasCo-Agent → IsRelatingTermFrom → Agent 3 HasCo-Agent → IsRelatingTermTo → Agent 4 HasCo-Agent → IsReciprocalOf → HasCo-Agent 5 HasCo-Agent → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 HasCo-Agent → HasType → HasCo-Doer |
| HasCo-Doer The RelatingTerm between Doer and Doer in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-Doer → IsRelatingTermBegottenBy → Do 2 HasCo-Doer → IsRelatingTermFrom → Doer 3 HasCo-Doer → IsRelatingTermTo → Doer 4 HasCo-Doer → IsReciprocalOf → HasCo-Doer 5 HasCo-Doer → IsTypeOf → HasCo-Agent <i>Type(s)</i> 1 HasCo-Doer → HasType → HasCo-Maker |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| HasCo-Maker The RelatingTerm between Maker and Maker in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-Maker → IsRelatingTermBegottenBy → Make 2 HasCo-Maker → IsRelatingTermFrom → Maker 3 HasCo-Maker → IsRelatingTermTo → Maker 4 HasCo-Maker → IsReciprocalOf → HasCo-Maker 5 HasCo-Maker → IsTypeOf → HasCo-Doer |
| HasCo-Output The RelatingTerm between Output and Output in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-Output → IsRelatingTermBegottenBy → Make 2 HasCo-Output → IsRelatingTermFrom → Output 3 HasCo-Output → IsRelatingTermTo → Output 4 HasCo-Output → IsReciprocalOf → HasCo-Output 5 HasCo-Output → IsTypeOf → HasCo-Patient |
| HasCo-Patient The RelatingTerm between Patient and Patient in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-Patient → IsRelatingTermBegottenBy → Do 2 HasCo-Patient → IsRelatingTermFrom → Patient 3 HasCo-Patient → IsRelatingTermTo → Patient 4 HasCo-Patient → IsReciprocalOf → HasCo-Patient 5 HasCo-Patient → IsTypeOf → HasCo-Resource <i>Type(s)</i> 1 HasCo-Patient → HasType → HasCo-Output |
| HasCo-PlaceOfActing The RelatingTerm between Place and Place in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-PlaceOfActing → IsRelatingTermBegottenBy → Act 2 HasCo-PlaceOfActing → IsRelatingTermFrom → Place 3 HasCo-PlaceOfActing → IsRelatingTermTo → Place 4 HasCo-PlaceOfActing → IsReciprocalOf → HasCo-PlaceOfActing 5 HasCo-PlaceOfActing → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 HasCo-PlaceOfActing → HasType → HasCo-PlaceOfEvent |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| HasCo-PlaceOfEvent The RelatingTerm between PlaceOfEvent and PlaceOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-PlaceOfEvent → IsRelatingTermBegottenBy → Do 2 HasCo-PlaceOfEvent → IsRelatingTermFrom → PlaceOfEvent 3 HasCo-PlaceOfEvent → IsRelatingTermTo → PlaceOfEvent 4 HasCo-PlaceOfEvent → IsReciprocalOf → HasCo-PlaceOfEvent 5 HasCo-PlaceOfEvent → IsTypeOf → HasCo-PlaceOfActing <i>Type(s)</i> 1 HasCo-PlaceOfEvent → HasType → HasCo-PlaceOfMaking |
| HasCo-PlaceOfExistence The RelatingTerm between PlaceOfExistence and PlaceOfExistence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-PlaceOfExistence → IsRelatingTermBegottenBy → Existence 2 HasCo-PlaceOfExistence → IsRelatingTermFrom → PlaceOfExistence 3 HasCo-PlaceOfExistence → IsRelatingTermTo → PlaceOfExistence 4 HasCo-PlaceOfExistence → IsReciprocalOf → HasCo-PlaceOfExistence |
| HasCo-PlaceOfMaking The RelatingTerm between PlaceOfMaking and PlaceOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-PlaceOfMaking → IsRelatingTermBegottenBy → Make 2 HasCo-PlaceOfMaking → IsRelatingTermFrom → PlaceOfMaking 3 HasCo-PlaceOfMaking → IsRelatingTermTo → PlaceOfMaking 4 HasCo-PlaceOfMaking → IsReciprocalOf → HasCo-PlaceOfMaking 5 HasCo-PlaceOfMaking → IsTypeOf → HasCo-PlaceOfEvent |
| HasCo-Resource The RelatingTerm between Resource and Resource in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-Resource → IsRelatingTermBegottenBy → Act 2 HasCo-Resource → IsRelatingTermFrom → Resource 3 HasCo-Resource → IsRelatingTermTo → Resource 4 HasCo-Resource → IsReciprocalOf → HasCo-Resource 5 HasCo-Resource → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 HasCo-Resource → HasType → HasCo-Patient |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| HasCo-TimeOfActing The RelatingTerm between Time and Time in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-TimeOfActing → IsRelatingTermBegottenBy → Act 2 HasCo-TimeOfActing → IsRelatingTermFrom → Time 3 HasCo-TimeOfActing → IsRelatingTermTo → Time 4 HasCo-TimeOfActing → IsReciprocalOf → HasCo-TimeOfActing 5 HasCo-TimeOfActing → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 HasCo-TimeOfActing → HasType → HasCo-TimeOfEvent |
| HasCo-TimeOfEvent The RelatingTerm between TimeOfEvent and TimeOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-TimeOfEvent → IsRelatingTermBegottenBy → Do 2 HasCo-TimeOfEvent → IsRelatingTermFrom → TimeOfEvent 3 HasCo-TimeOfEvent → IsRelatingTermTo → TimeOfEvent 4 HasCo-TimeOfEvent → IsReciprocalOf → HasCo-TimeOfEvent 5 HasCo-TimeOfEvent → IsTypeOf → HasCo-TimeOfActing <i>Type(s)</i> 1 HasCo-TimeOfEvent → HasType → HasCo-TimeOfMaking |
| HasCo-TimeOfExistence The RelatingTerm between TimeOfExistence and TimeOfExistence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-TimeOfExistence → IsRelatingTermBegottenBy → Existence 2 HasCo-TimeOfExistence → IsRelatingTermFrom → TimeOfExistence 3 HasCo-TimeOfExistence → IsRelatingTermTo → TimeOfExistence 4 HasCo-TimeOfExistence → IsReciprocalOf → HasCo-TimeOfExistence |
| HasCo-TimeOfMaking The RelatingTerm between TimeOfMaking and TimeOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-TimeOfMaking → IsRelatingTermBegottenBy → Make 2 HasCo-TimeOfMaking → IsRelatingTermFrom → TimeOfMaking 3 HasCo-TimeOfMaking → IsRelatingTermTo → TimeOfMaking 4 HasCo-TimeOfMaking → IsReciprocalOf → HasCo-TimeOfMaking 5 HasCo-TimeOfMaking → IsTypeOf → HasCo-TimeOfEvent |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| HasCo-ToolForDoing The RelatingTerm between ToolForDoing and ToolForDoing in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-ToolForDoing → IsRelatingTermBegottenBy → Do 2 HasCo-ToolForDoing → IsRelatingTermFrom → ToolForDoing 3 HasCo-ToolForDoing → IsRelatingTermTo → ToolForDoing 4 HasCo-ToolForDoing → IsReciprocalOf → HasCo-ToolForDoing <i>Type(s)</i> 1 HasCo-ToolForDoing → HasType → HasCo-ToolForMaking |
| HasCo-ToolForMaking The RelatingTerm between MakingTool and MakingTool in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasCo-ToolForMaking → IsRelatingTermBegottenBy → Make 2 HasCo-ToolForMaking → IsRelatingTermFrom → MakingTool 3 HasCo-ToolForMaking → IsRelatingTermTo → MakingTool 4 HasCo-ToolForMaking → IsReciprocalOf → HasCo-ToolForMaking 5 HasCo-ToolForMaking → IsTypeOf → HasCo-ToolForDoing |
| HasComment The RelatingTerm from an Entity to a Comment which Relates to it. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasComment → IsReciprocalOf → IsCommentRelatingTo 2 HasComment → IsTypeOf → Has 3 HasComment → IsRelatingTermFrom → Entity 4 HasComment → IsRelatingTermTo → Comment |
| HasComponent The RelatingTerm between Aggregation and Component in the Aggregate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasComponent → IsRelatingTermBegottenBy → Aggregate 2 HasComponent → IsRelatingTermFrom → Aggregation 3 HasComponent → IsRelatingTermTo → Component 4 HasComponent → IsReciprocalOf → IsComponentOf 5 HasComponent → IsTypeOf → HasSource <i>Type(s)</i> 1 HasComponent → HasType → HasMember |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| HasForm The RelatingTerm from a QualifiedResource to a Form which it takes. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 HasForm → IsTypeOf → HasForm 2 HasForm → IsReciprocalOf → IsFormOf 3 HasForm → IsRelatingTermFrom → Form 4 HasForm → IsRelatingTermTo → QualifiedResource <i>Type(s)</i> 1 HasForm → HasType → HasForm 2 HasForm → HasType → HasLanguage |
| HasHistoricQuality The RelatingTerm from an AgentType or ResourceType to an HistoricQuality as Qualified by a ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasHistoricQuality → IsReciprocalOf → IsHistoricQualityOf 2 HasHistoricQuality → IsTypeOf → Is 3 HasHistoricQuality → IsRelatingTermFrom → QualifiedResource 4 HasHistoricQuality → IsRelatingTermTo → HistoricQuality |
| HasIdentifier The RelatingTerm between IdentifiedResource and Identifier in the Identify ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasIdentifier → IsReciprocalOf → IsIdentifierOf 2 HasIdentifier → IsRelatingTermBegottenBy → Identify 3 HasIdentifier → IsRelatingTermFrom → IdentifiedResource 4 HasIdentifier → IsRelatingTermTo → Identifier 5 HasIdentifier → IsTypeOf → HasName |
| HasLanguage The RelatingTerm from a QualifiedResource to a Language in which its Lexical elements are Expressed . | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 HasLanguage → IsTypeOf → HasForm 2 HasLanguage → IsReciprocalOf → IsLanguageOf 3 HasLanguage → IsRelatingTermFrom → Language 4 HasLanguage → IsRelatingTermTo → QualifiedResource |
| HasMember The RelatingTerm between Set and Member in the MakeSet ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasMember → IsReciprocalOf → IsMemberOf 2 HasMember → IsRelatingTermBegottenBy → MakeSet 3 HasMember → IsRelatingTermFrom → Set 4 HasMember → IsRelatingTermTo → Member 5 HasMember → IsTypeOf → HasComponent |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| HasMemberOf The RelatingTerm from an Entity to a Set, a Member of which is an Attribute of the Entity. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasMemberOf → IsTypeOf → Has 2 HasMemberOf → IsReciprocalOf → IsSetWithAttributeOf 3 HasMemberOf → IsRelatingTermFrom → Entity 4 HasMemberOf → IsRelatingTermTo → Set |
| HasName The RelatingTerm between Entity and Name in the Nominate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasName → IsReciprocalOf → IsNameOf 2 HasName → IsRelatingTermBegottenBy → Nominate 3 HasName → IsRelatingTermFrom → Entity 4 HasName → IsRelatingTermTo → Name 5 HasName → IsTypeOf → HasAscription <i>Type(s)</i> 1 HasName → HasType → HasIdentifier |
| HasPart The RelatingTerm between Whole and Part in the Partition ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasPart → IsReciprocalOf → IsPartOf 2 HasPart → IsRelatingTermBegottenBy → Partition 3 HasPart → IsRelatingTermFrom → Whole 4 HasPart → IsRelatingTermTo → Part 5 HasPart → IsTypeOf → HasAscription |
| HasPlace The RelatingTerm between Existent and PlaceOfExistence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasPlace → IsRelatingTermBegottenBy → Existence 2 HasPlace → IsRelatingTermFrom → Existent 3 HasPlace → IsRelatingTermTo → PlaceOfExistence 4 HasPlace → IsReciprocalOf → IsPlaceOf 5 HasPlace → IsTypeOf → HasPlaceOfPossession |
| HasPlaceOfPossession The RelatingTerm between Possessor and PlaceOfSituation in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasPlaceOfPossession → IsRelatingTermBegottenBy → Situation 2 HasPlaceOfPossession → IsRelatingTermFrom → Possessor 3 HasPlaceOfPossession → IsRelatingTermTo → PlaceOfSituation 4 HasPlaceOfPossession → IsReciprocalOf → IsPlaceOfPossessionBy 5 HasPlaceOfPossession → IsTypeOf → IsAgentInPlace <i>Type(s)</i> 1 HasPlaceOfPossession → HasType → HasPlace |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| HasPlaceType The RelatingTerm from a ContextType to a PlaceType in relation to which it happens. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasPlaceType → IsReciprocalOf → IsPlaceTypeOf 2 HasPlaceType → IsTypeOf → Has 3 HasPlaceType → IsRelatingTermFrom → ContextType 4 HasPlaceType → IsRelatingTermTo → PlaceType |
| HasPotentialQuality The RelatingTerm from an AgentType or ResourceType to a PotentialQuality as Qualified by a ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasPotentialQuality → IsReciprocalOf → IsPotentialQualityOf 2 HasPotentialQuality → IsTypeOf → Is 3 HasPotentialQuality → IsRelatingTermFrom → QualifiedResource 4 HasPotentialQuality → IsRelatingTermTo → PotentialQuality |
| HasPresentQuality The RelatingTerm from an AgentType or ResourceType to a PresentQuality as Qualified by a ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasPresentQuality → IsReciprocalOf → IsPresentQualityOf 2 HasPresentQuality → IsTypeOf → Is 3 HasPresentQuality → IsRelatingTermFrom → QualifiedResource 4 HasPresentQuality → IsRelatingTermTo → PresentQuality |
| HasResourceType The RelatingTerm from a ContextType to a ResourceType that is involved in it. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasResourceType → IsReciprocalOf → IsResourceTypeOf 2 HasResourceType → IsTypeOf → Has 3 HasResourceType → IsRelatingTermFrom → ContextType 4 HasResourceType → IsRelatingTermTo → ResourceType |
| HasSource The RelatingTerm between Derivation and Source in the Derive ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasSource → IsRelatingTermBegottenBy → Derive 2 HasSource → IsRelatingTermFrom → Derivation 3 HasSource → IsRelatingTermTo → Source 4 HasSource → IsReciprocalOf → IsSourceOf <i>Type(s)</i> 1 HasSource → HasType → HasComponent |
| HasStateType The RelatingTerm from a ContextType to a StateType which it brings into Existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasStateType → IsReciprocalOf → IsStateTypeOf 2 HasStateType → IsTypeOf → Has 3 HasStateType → IsRelatingTermFrom → ContextType 4 HasStateType → IsRelatingTermTo → StateType |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| HasStatus The RelatingTerm from an Entity to a Status into which it is Categorized. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasStatus → IsReciprocalOf → IsStatusOf 2 HasStatus → IsTypeOf → Is 3 HasStatus → IsRelatingTermFrom → QualifiedResource 4 HasStatus → IsRelatingTermTo → Status |
| HasTime The RelatingTerm between Existent and TimeOfExistence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasTime → IsRelatingTermBegottenBy → Existence 2 HasTime → IsRelatingTermFrom → Existent 3 HasTime → IsRelatingTermTo → TimeOfExistence 4 HasTime → IsReciprocalOf → IsTimeOf 5 HasTime → IsTypeOf → HasTimeOfPossession |
| HasTimeOfPossession The RelatingTerm between Possessor and TimeOfSituation in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasTimeOfPossession → IsRelatingTermBegottenBy → Situation 2 HasTimeOfPossession → IsRelatingTermFrom → Possessor 3 HasTimeOfPossession → IsRelatingTermTo → TimeOfSituation 4 HasTimeOfPossession → IsReciprocalOf → IsTimeOfPossessionBy 5 HasTimeOfPossession → IsTypeOf → IsAgentAtTime <i>Type(s)</i> 1 HasTimeOfPossession → HasType → HasTime |
| HasTimeType The RelatingTerm from a ContextType to a TimeType in relation to which it happens. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasTimeType → IsReciprocalOf → IsTimeTypeOf 2 HasTimeType → IsTypeOf → Has 3 HasTimeType → IsRelatingTermFrom → ContextType 4 HasTimeType → IsRelatingTermTo → TimeType |
| HasTransformation The RelatingTerm between SourceOfTransformation and Transformation in the Transform ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasTransformation → IsReciprocalOf → IsTransformationOf 2 HasTransformation → IsRelatingTermBegottenBy → Transform 3 HasTransformation → IsRelatingTermFrom → SourceOfTransformation 4 HasTransformation → IsRelatingTermTo → Transformation 5 HasTransformation → IsTypeOf → HasAdaptation <i>Type(s)</i> 1 HasTransformation → HasType → HasTranslation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| HasTranslation The RelatingTerm between SourceOfTranslation and Translation in the Translate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasTranslation → IsReciprocalOf → IsTranslationOf 2 HasTranslation → IsRelatingTermBegottenBy → Translate 3 HasTranslation → IsRelatingTermFrom → SourceOfTranslation 4 HasTranslation → IsRelatingTermTo → Translation 5 HasTranslation → IsTypeOf → HasTransformation |
| HasType The RelatingTerm between Archetype and Type in the Specialize ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasType → IsReciprocalOf → IsTypeOf 2 HasType → IsRelatingTermBegottenBy → Specialize 3 HasType → IsRelatingTermFrom → Archetype 4 HasType → IsRelatingTermTo → Type 5 HasType → IsTypeOf → HasAscription |
| HasValue The RelatingTerm between EvaluatedResource and Value in the Evaluate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HasValue → IsReciprocalOf → IsValueOf 2 HasValue → IsRelatingTermBegottenBy → Evaluate 3 HasValue → IsRelatingTermFrom → EvaluatedResource 4 HasValue → IsRelatingTermTo → Value 5 HasValue → IsTypeOf → HasAscription <i>Type(s)</i> 1 HasValue → HasType → HasAllowedValue |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|--|
| Have To possess something. Synonym(s): Possess <i>Classify, Have and Qualify</i> The ActTypes <i>Classify</i> , <i>Have</i> and <i>Qualify</i> may be used as three different ways of conveying essentially the same information according to the different constructs of <i>Class</i> (noun), <i>Attribute</i> (noun) and <i>AscribedQuality</i> (adjective). For example, "Grass > IsA > GreenThing" (from <i>Classify</i>) "Grass > Has > Greenness" (from <i>Have</i>) "Grass > Is > Green" (from <i>Qualify</i>). Relationships between these three forms may be formally expressed as in "GreenThing > Has > Greenness", "GreenThing > Is > Green" and "Greenness > Is > Green". | MeaningType: PartlyDerived Genealogy 1 Have → IsActTypeBegottenBy → Situation 2 Have → IsTypeOf → Act Type(s) 1 Have → HasType → Exist |
| Having The PresentQuality of Possessor. | MeaningType: Derived Genealogy 1 Having → IsQualityTypeBegottenBy → Situation 2 Having → IsPresentQualityOf → Possessor 3 Having → IsTypeOf → Acting Type(s) 1 Having → HasType → Existing |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Headword The primary, human-readable Name of a Term according to its Authority. <i>Occurrence of Headword in the RDD Dictionary</i> A Term may have <i>Headwords</i> under any number of Authorities in any number of Languages, and shall have at most one Headword in any one Language under any one Authority. <i>Values of Headword</i> <i>Headwords</i> are commonly expressed as words or phrases from a recognizable natural Language. However, Headwords may also take the form of numbers or codes and so may have a Null Language value. <i>Headword Authority</i> Each <i>Headword</i> shall have at least one Authority. A Term may have different Headwords (and <i>Synonyms</i>) under different Authorities. Conversely the same Headword (or Synonym) may be used by different Authorities to refer to different Terms. <i>Headword and Synonym</i> The combination of <i>Headword</i> or <i>Synonym</i> , <i>Language</i> and <i>Authority</i> shall be unique. A Headword may have any number of Synonyms under the same Authority(ies) as the Headword. <i>Headword and Comments</i> A <i>Headword</i> may have any number of Comments under any number of Authorities in any number of Languages. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Headword → IsTypeOf → TermName 2 Headword → IsTypeOf → PrimaryName 3 Headword → IsNameOf → Term 4 Headword → Has → Authority[occ:1-n] 5 Headword → IsA → TextualElement 6 Headword → IsA → CommentableTermAttribute 7 Headword → Has → Language[occ:1] 8 Headword → Has → Synonym[occ:0-n] |
| HistoricQuality An adjective describing characteristic(s) of an Entity arising from its former role as an AgentType or ResourceType. <i>Scope of HistoricQuality</i> <i>HistoricQuality</i> is typically based on a past participle: for example, it describes something that has been Identified, Used, Played, Categorized, Adapted, Owned. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 HistoricQuality → IsTypeOf → Quality |
| Host A Resource in which another Resource is Embedded. <i>Scope of Host</i> A <i>Host</i> may be pre-existing, or may be created by the act of combining the EmbeddedResource with one or more others. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Host → IsResourceTypeBegottenBy → Embed 2 Host → IsTypeOf → Relative |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| icoAgent The RelatingTerm between Context and Agent in the Act ActionFamily. <i>Synonym:</i> IsContextOfAgent | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoAgent → IsRelatingTermBegottenBy → Act 2 icoAgent → IsRelatingTermFrom → Context 3 icoAgent → IsRelatingTermTo → Agent 4 icoAgent → IsReciprocalOf → IsAgentIn 5 icoAgent → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 icoAgent → HasType → icoDoer 2 icoAgent → HasType → icoPossessor |
| icoAttribute The RelatingTerm between Situation and Attribute in the Situation ContextFamily. <i>Synonym:</i> IsContextOfAttribute | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoAttribute → IsRelatingTermBegottenBy → Situation 2 icoAttribute → IsRelatingTermFrom → Situation 3 icoAttribute → IsRelatingTermTo → Attribute 4 icoAttribute → IsReciprocalOf → IsAttributeIn 5 icoAttribute → IsTypeOf → icoResource |
| icoDoer The RelatingTerm between Event and Doer in the Do ActionFamily. <i>Synonym:</i> IsContextOfDoer | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoDoer → IsRelatingTermBegottenBy → Do 2 icoDoer → IsRelatingTermFrom → Event 3 icoDoer → IsRelatingTermTo → Doer 4 icoDoer → IsReciprocalOf → IsDoerIn 5 icoDoer → IsTypeOf → icoAgent <i>Type(s)</i> 1 icoDoer → HasType → icoMaker |
| icoExistenceStartTime The RelatingTerm between an Existence and its StartTime. <i>Synonym:</i> IsContextOfExistenceStartTime | <i>MeaningType:</i> PartlyDerived <i>Genealogy</i> 1 icoExistenceStartTime → IsTypeOf → icoTimeOfExistence 2 icoExistenceStartTime → IsReciprocalOf → IsStartTimeOfExistenceIn 3 icoExistenceStartTime → IsRelatingTermFrom → Existence 4 icoExistenceStartTime → IsRelatingTermTo → StartTimeOfExistence |
| icoExistent The RelatingTerm between Existence and Existent in the Existence ContextFamily. <i>Synonym:</i> IsContextOfExistent | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoExistent → IsRelatingTermBegottenBy → Existence 2 icoExistent → IsRelatingTermFrom → Existence 3 icoExistent → IsRelatingTermTo → Existent 4 icoExistent → IsReciprocalOf → IsExistentIn 5 icoExistent → IsTypeOf → icoPossessor |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| icoMaker The RelatingTerm between MakingEvent and Maker in the Make ActionFamily. <i>Synonym:</i> IsContextOfMaker | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoMaker → IsRelatingTermBegottenBy → Make 2 icoMaker → IsRelatingTermFrom → MakingEvent 3 icoMaker → IsRelatingTermTo → Maker 4 icoMaker → IsReciprocalOf → IsMakerIn 5 icoMaker → IsTypeOf → icoDoer |
| icoMakingTool The RelatingTerm between MakingEvent and MakingTool in the Make ActionFamily. <i>Synonym:</i> IsContextOfMakingTool | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoMakingTool → IsRelatingTermBegottenBy → Make 2 icoMakingTool → IsRelatingTermFrom → MakingEvent 3 icoMakingTool → IsRelatingTermTo → MakingTool 4 icoMakingTool → IsReciprocalOf → IsMakingToolIn 5 icoMakingTool → IsTypeOf → icoToolForDoing |
| icoOutput The RelatingTerm between MakingEvent and Output in the Make ActionFamily. <i>Synonym:</i> IsContextOfOutput | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoOutput → IsRelatingTermBegottenBy → Make 2 icoOutput → IsRelatingTermFrom → MakingEvent 3 icoOutput → IsRelatingTermTo → Output 4 icoOutput → IsReciprocalOf → IsOutputIn 5 icoOutput → IsTypeOf → icoPatient |
| icoPatient The RelatingTerm between Event and Patient in the Do ActionFamily. <i>Synonym:</i> IsContextOfPatient | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoPatient → IsRelatingTermBegottenBy → Do 2 icoPatient → IsRelatingTermFrom → Event 3 icoPatient → IsRelatingTermTo → Patient 4 icoPatient → IsReciprocalOf → IsPatientIn 5 icoPatient → IsTypeOf → icoResource <i>Type(s)</i> 1 icoPatient → HasType → icoOutput |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| icoPlace The RelatingTerm between Context and Place in the Act ActionFamily. <i>Synonym:</i> IsContextOfPlace | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoPlace → IsRelatingTermBegottenBy → Act 2 icoPlace → IsRelatingTermFrom → Context 3 icoPlace → IsRelatingTermTo → Place 4 icoPlace → IsReciprocalOf → IsPlaceIn 5 icoPlace → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 icoPlace → HasType → icoPlaceOfEvent 2 icoPlace → HasType → icoPlaceOfSituation |
| icoPlaceOfEvent The RelatingTerm between Event and PlaceOfEvent in the Do ActionFamily. <i>Synonym:</i> IsContextOfPlaceOfEvent | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoPlaceOfEvent → IsRelatingTermBegottenBy → Do 2 icoPlaceOfEvent → IsRelatingTermFrom → Event 3 icoPlaceOfEvent → IsRelatingTermTo → PlaceOfEvent 4 icoPlaceOfEvent → IsReciprocalOf → IsPlaceOfEventIn 5 icoPlaceOfEvent → IsTypeOf → icoPlace <i>Type(s)</i> 1 icoPlaceOfEvent → HasType → icoPlaceOfMaking |
| icoPlaceOfExistence The RelatingTerm between Existence and PlaceOfExistence in the Existence ContextFamily. <i>Synonym:</i> IsContextOfPlaceOfExistence | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoPlaceOfExistence → IsRelatingTermBegottenBy → Existence 2 icoPlaceOfExistence → IsRelatingTermFrom → Existence 3 icoPlaceOfExistence → IsRelatingTermTo → PlaceOfExistence 4 icoPlaceOfExistence → IsReciprocalOf → IsPlaceOfExistenceIn 5 icoPlaceOfExistence → IsTypeOf → icoPlaceOfSituation |
| icoPlaceOfMaking The RelatingTerm between MakingEvent and PlaceOfMaking in the Make ActionFamily. <i>Synonym:</i> IsContextOfPlaceOfMaking | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoPlaceOfMaking → IsRelatingTermBegottenBy → Make 2 icoPlaceOfMaking → IsRelatingTermFrom → MakingEvent 3 icoPlaceOfMaking → IsRelatingTermTo → PlaceOfMaking 4 icoPlaceOfMaking → IsReciprocalOf → IsPlaceOfMakingIn 5 icoPlaceOfMaking → IsTypeOf → icoPlaceOfEvent |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|---|
| icoPlaceOfSituation The RelatingTerm between Situation and PlaceOfSituation in the Situation ContextFamily. Synonym: IsContextOfPlaceOfSituation | MeaningType: Derived Genealogy 1 icoPlaceOfSituation → IsRelatingTermBegottenBy → Situation 2 icoPlaceOfSituation → IsRelatingTermFrom → Situation 3 icoPlaceOfSituation → IsRelatingTermTo → PlaceOfSituation 4 icoPlaceOfSituation → IsReciprocalOf → IsPlaceOfPossessionIn 5 icoPlaceOfSituation → IsTypeOf → icoPlace Type(s) 1 icoPlaceOfSituation → HasType → icoPlaceOfExistence |
| icoPossessor The RelatingTerm between Situation and Possessor in the Situation ContextFamily. Synonym: IsContextOfPossessor | MeaningType: Derived Genealogy 1 icoPossessor → IsRelatingTermBegottenBy → Situation 2 icoPossessor → IsRelatingTermFrom → Situation 3 icoPossessor → IsRelatingTermTo → Possessor 4 icoPossessor → IsReciprocalOf → IsPossessorIn 5 icoPossessor → IsTypeOf → icoAgent Type(s) 1 icoPossessor → HasType → icoExistent |
| icoResource The RelatingTerm between Context and Resource in the Act ActionFamily. Synonym: IsContextOfResource | MeaningType: Derived Genealogy 1 icoResource → IsRelatingTermBegottenBy → Act 2 icoResource → IsRelatingTermFrom → Context 3 icoResource → IsRelatingTermTo → Resource 4 icoResource → IsReciprocalOf → IsResourceIn 5 icoResource → IsTypeOf → IsRelativeOf Type(s) 1 icoResource → HasType → icoPatient 2 icoResource → HasType → icoAttribute |
| icoSituationStartTime The RelatingTerm between a Situation and its StartTime. Synonym: IsContextOfSituationStartTime | MeaningType: PartlyDerived Genealogy 1 icoSituationStartTime → IsTypeOf → icoTimeOfSituation 2 icoSituationStartTime → IsReciprocalOf → IsStartTimeOfSituationIn 3 icoSituationStartTime → IsRelatingTermFrom → Situation 4 icoSituationStartTime → IsRelatingTermTo → StartTimeOfSituation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| icoTime The RelatingTerm between Context and Time in the Act ActionFamily. <i>Synonym:</i> IsContextOfTime | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoTime → IsRelatingTermBegottenBy → Act 2 icoTime → IsRelatingTermFrom → Context 3 icoTime → IsRelatingTermTo → Time 4 icoTime → IsReciprocalOf → IsTimeIn 5 icoTime → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 icoTime → HasType → icoTimeOfEvent 2 icoTime → HasType → icoTimeOfSituation |
| icoTimeOfEvent The RelatingTerm between Event and TimeOfEvent in the Do ActionFamily. <i>Synonym:</i> IsContextOfTimeOfEvent | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoTimeOfEvent → IsRelatingTermBegottenBy → Do 2 icoTimeOfEvent → IsRelatingTermFrom → Event 3 icoTimeOfEvent → IsRelatingTermTo → TimeOfEvent 4 icoTimeOfEvent → IsReciprocalOf → IsTimeOfEventIn 5 icoTimeOfEvent → IsTypeOf → icoTime <i>Type(s)</i> 1 icoTimeOfEvent → HasType → icoTimeOfMaking |
| icoTimeOfExistence The RelatingTerm between Existence and TimeOfExistence in the Existence ContextFamily. <i>Synonym:</i> IsContextOfTimeOfExistence | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoTimeOfExistence → IsRelatingTermBegottenBy → Existence 2 icoTimeOfExistence → IsRelatingTermFrom → Existence 3 icoTimeOfExistence → IsRelatingTermTo → TimeOfExistence 4 icoTimeOfExistence → IsReciprocalOf → IsTimeOfExistenceIn 5 icoTimeOfExistence → IsTypeOf → icoTimeOfSituation <i>Type(s)</i> 1 icoTimeOfExistence → HasType → icoExistenceStartTime |
| icoTimeOfMaking The RelatingTerm between MakingEvent and TimeOfMaking in the Make ActionFamily. <i>Synonym:</i> IsContextOfTimeOfMaking | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 icoTimeOfMaking → IsRelatingTermBegottenBy → Make 2 icoTimeOfMaking → IsRelatingTermFrom → MakingEvent 3 icoTimeOfMaking → IsRelatingTermTo → TimeOfMaking 4 icoTimeOfMaking → IsReciprocalOf → IsTimeOfMakingIn 5 icoTimeOfMaking → IsTypeOf → icoTimeOfEvent |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|--|
| icoTimeOfSituation The RelatingTerm between Situation and TimeOfSituation in the Situation ContextFamily. Synonym: IsContextOfTimeOfSituation | MeaningType: Derived Genealogy 1 icoTimeOfSituation → IsRelatingTermBegottenBy → Situation 2 icoTimeOfSituation → IsRelatingTermFrom → Situation 3 icoTimeOfSituation → IsRelatingTermTo → TimeOfSituation 4 icoTimeOfSituation → IsReciprocalOf → IsTimeOfPossessionIn 5 icoTimeOfSituation → IsTypeOf → icoTime Type(s) 1 icoTimeOfSituation → HasType → icoTimeOfExistence 2 icoTimeOfSituation → HasType → icoSituationStartTime |
| icoToolForDoing The RelatingTerm between Event and ToolForDoing in the Do ActionFamily. Synonym: IsContextOfToolForDoing | MeaningType: Derived Genealogy 1 icoToolForDoing → IsRelatingTermBegottenBy → Do 2 icoToolForDoing → IsRelatingTermFrom → Event 3 icoToolForDoing → IsRelatingTermTo → ToolForDoing 4 icoToolForDoing → IsReciprocalOf → IsToolForDoingIn Type(s) 1 icoToolForDoing → HasType → icoMakingTool |
| Identified The HistoricQuality of IdentifiedResource. | MeaningType: Derived Genealogy 1 Identified → IsQualityTypeBegottenBy → IdentifyingEvent 2 Identified → IsHistoricQualityOf → IdentifiedResource 3 Identified → IsTypeOf → Named |
| IdentifiedResource A Resource to which an Identity is Ascribed. | MeaningType: Derived Genealogy 1 IdentifiedResource → IsResourceTypeBegottenBy → Identify 2 IdentifiedResource → IsTypeOf → Entity |
| Identifier A Name that is unique in its domain. Scope of Identifier An <i>Identifier</i> is simply a Name that is unique within its domain. While an Identifier's domain is Contextually defined (for example, "Winston Churchill" may be a unique Name within the UK Houses of Parliament between 1930 and 1959) but it is commonly established simply by its Type: for example, an Instance of an ISBN is unique within the Class of ISBNs. | MeaningType: PartlyDerived Genealogy 1 Identifier → IsResourceTypeBegottenBy → Identify 2 Identifier → IsTypeOf → Name Type(s) 1 Identifier → HasType → RddlIdentifier |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Identify To Nominate a Resource uniquely within a domain. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Identify → IsTypeOf → Nominate <i>ActionFamily</i> 1 Identify → BegetsContextType → IdentifyingEvent 2 Identify → BegetsAgentType → IdentifyingAgent 3 Identify → BegetsResourceType → Identifier 4 Identify → BegetsResourceType → IdentifiedResource 5 Identify → BegetsResourceType → IdentifyingTool 6 Identify → BegetsTimeType → TimeOfIdentifying 7 Identify → BegetsPlaceType → PlaceOfIdentifying 8 Identify → BegetsRelatingTerm → IsIdentifierOf 9 Identify → BegetsRelatingTerm → HasIdentifier |
| IdentifyingAgent An Agent that Identifies a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IdentifyingAgent → IsAgentTypeBegottenBy → Identify 2 IdentifyingAgent → IsTypeOf → Namer |
| IdentifyingEvent An Event in which a Resource is Identified. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IdentifyingEvent → IsContextTypeBegottenBy → Identify 2 IdentifyingEvent → IsTypeOf → NamingEvent <i>ContextDescription</i> 1 IdentifyingEvent → HasActType → Identify[occ:1] 2 IdentifyingEvent → HasAgentType → IdentifyingAgent[occ:1-n] 3 IdentifyingEvent → HasResourceType → Identifier[occ:1-n] 4 IdentifyingEvent → HasResourceType → IdentifiedResource[occ:1-n] 5 IdentifyingEvent → HasResourceType → IdentifyingTool[occ:0-n] 6 IdentifyingEvent → HasTimeType → TimeOfIdentifying[occ:1-n] 7 IdentifyingEvent → HasPlaceType → PlaceOfIdentifying[occ:1-n] <i>ContextFamily</i> 1 IdentifyingEvent → BegetsQualityType → Identified |
| IdentifyingTool A Tool with which something is Identified. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IdentifyingTool → IsResourceTypeBegottenBy → Identify 2 IdentifyingTool → IsTypeOf → NamingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Input A Resource which an Agent InteractsWith. <i>Interactor and Input</i> Where two Entities InteractWith one another without being exclusively active or passive (for example, in a chemical reaction) both entities may be identified as being both <i>Interactors</i> and <i>Inputs</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Input → IsResourceTypeBegottenBy → InteractWith 2 Input → IsTypeOf → Patient <i>Type(s)</i> 1 Input → HasType → UsedResource 2 Input → HasType → ChangedResource 3 Input → HasType → InstallingResource 4 Input → HasType → UninstallingResource 5 Input → HasType → DestroyedResource 6 Input → HasType → Relative |
| Install To follow the instructions provided by an InstallingResource. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Install → IsTypeOf → InteractWith 2 Install → IsOpposedTo → Uninstall <i>ActionFamily</i> 1 Install → BegetsContextType → Installation 2 Install → BegetsAgentType → Installer 3 Install → BegetsResourceType → InstallingResource 4 Install → BegetsResourceType → InstallingTool 5 Install → BegetsTimeType → TimeOfInstalling 6 Install → BegetsPlaceType → PlaceOfInstalling |
| Installation An Event in which something is Installed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Installation → IsContextTypeBegottenBy → Install 2 Installation → IsTypeOf → Interaction <i>ContextDescription</i> 1 Install → HasActType → Install[occ:1] 2 Install → HasAgentType → Installer[occ:1-n] 3 Install → HasResourceType → InstallingResource[occ:1-n] 4 Install → HasTimeType → TimeOfInstalling[occ:1-n] 5 Install → HasPlaceType → PlaceOfInstalling[occ:1-n] |
| Installer An Agent that Installs. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Installer → IsAgentTypeBegottenBy → Install 2 Installer → IsTypeOf → Interactor |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| InstallingResource A Resource that provides instructions which when followed result in one or more Resources that are new, or Enabled, or new and Enabled. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 InstallingResource → IsResourceTypeBegottenBy → Install 2 InstallingResource → IsTypeOf → Input |
| InstallingTool A Tool Used for Installing. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 InstallingTool → IsResourceTypeBegottenBy → Install 2 InstallingTool → IsTypeOf → InteractingTool |
| Instance A Resource to which a Class is Ascribed. <i>Type and Instance</i> A <i>Type</i> is represented by a <i>Term</i> ; an <i>Instance</i> is represented by a <i>Value</i> of a <i>Term</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Instance → IsResourceTypeBegottenBy → Classify 2 Instance → IsTypeOf → AscribedResource |
| InteractableWith The PotentialQuality of Input. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 InteractableWith → IsQualityTypeBegottenBy → Interaction 2 InteractableWith → IsPotentialQualityOf → Input 3 InteractableWith → IsTypeOf → Doable <i>Type(s)</i> 1 InteractableWith → HasType → Usable 2 InteractableWith → HasType → Changeable |
| InteractedWith The HistoricQuality of Input. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 InteractedWith → IsQualityTypeBegottenBy → Interaction 2 InteractedWith → IsHistoricQualityOf → Input 3 InteractedWith → IsTypeOf → Done <i>Type(s)</i> 1 InteractedWith → HasType → Used 2 InteractedWith → HasType → Changed 3 InteractedWith → HasType → Destroyed 4 InteractedWith → HasType → Related |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| InteractingTool A Tool used in InteractingWith something. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 InteractingTool → IsResourceTypeBegottenBy → InteractWith 2 InteractingTool → IsTypeOf → ToolForDoing <i>Type(s)</i> 1 InteractingTool → HasType → UsingTool 2 InteractingTool → HasType → InstallingTool 3 InteractingTool → HasType → UninstallingTool 4 InteractingTool → HasType → DestroyingTool 5 InteractingTool → HasType → RelatingTool |
| InteractingWith The PresentQuality of Interactor. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 InteractingWith → IsQualityTypeBegottenBy → Interaction 2 InteractingWith → IsPresentQualityOf → Interactor 3 InteractingWith → IsTypeOf → Doing <i>Type(s)</i> 1 InteractingWith → HasType → Changing 2 InteractingWith → HasType → Relating |
| Interaction An Event in which an Agent InteractsWith another Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Interaction → IsContextTypeBegottenBy → InteractWith 2 Interaction → IsTypeOf → Event <i>Type(s)</i> 1 Interaction → HasType → Usage 2 Interaction → HasType → ChangingEvent 3 Interaction → HasType → Installation 4 Interaction → HasType → Uninstallation 5 Interaction → HasType → Destruction 6 Interaction → HasType → RelatingEvent <i>ContextDescription</i> 1 Interaction → HasActType → InteractWith[occ:1] 2 Interaction → HasAgentType → Interactor[occ:1-n] 3 Interaction → HasResourceType → Input[occ:1-n] 4 Interaction → HasResourceType → InteractingTool[occ:0-n] 5 Interaction → HasTimeType → TimeOfInteraction[occ:1-n] 6 Interaction → HasPlaceType → PlaceOfInteraction[occ:1-n] <i>ContextFamily</i> 1 Interaction → BegetsQualityType → InteractingWith 2 Interaction → BegetsQualityType → InteractedWith 3 Interaction → BegetsQualityType → BeingInteractedWith 4 Interaction → BegetsQualityType → InteractableWith |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Interactor An Agent that InteractsWith a Resource. <i>Interactor and Input</i> Where two Entities InteractsWith one another without being exclusively active or passive (for example, in a chemical reaction) both entities may be identified as being both <i>Interactors</i> and <i>Inputs</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Interactor → IsAgentTypeBegottenBy → InteractsWith 2 Interactor → IsTypeOf → Doer <i>Type(s)</i> 1 Interactor → HasType → User 2 Interactor → HasType → Changer 3 Interactor → HasType → Installer 4 Interactor → HasType → Uninstaller 5 Interactor → HasType → Destroyer 6 Interactor → HasType → Relator |
| InteractsWith To Do something in relation to a Resource that already exists. <i>Scope of InteractsWith</i> <i>InteractsWith</i> is the parent for all ActTypes that deal with <i>Existing</i> Resources and do not bring new Resources into existence. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 InteractsWith → IsTypeOf → Do 2 InteractsWith → IsOpposedTo → Make <i>Type(s)</i> 1 InteractsWith → HasType → Use 2 InteractsWith → HasType → Change 3 InteractsWith → HasType → Install 4 InteractsWith → HasType → Uninstall 5 InteractsWith → HasType → Destroy 6 InteractsWith → HasType → Relate <i>ActionFamily</i> 1 InteractsWith → BegetsContextType → Interaction 2 InteractsWith → BegetsAgentType → Interactor 3 InteractsWith → BegetsResourceType → Input 4 InteractsWith → BegetsResourceType → InteractingTool 5 InteractsWith → BegetsTimeType → TimeOfInteraction 6 InteractsWith → BegetsPlaceType → PlaceOfInteraction |
| Is The RelatingTerm between QualifiedResource and AscribedQuality in the Qualify ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Is → IsReciprocalOf → IsQualityOf 2 Is → IsRelatingTermBegottenBy → Qualify 3 Is → IsRelatingTermFrom → QualifiedResource 4 Is → IsRelatingTermTo → AscribedQuality 5 Is → IsTypeOf → HasAscription <i>Type(s)</i> 1 Is → HasType → HasStatus 2 Is → HasType → HasHistoricQuality 3 Is → HasType → HasPresentQuality 4 Is → HasType → HasPotentialQuality |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsA The RelatingTerm between Instance and Class in the Classify ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsA → IsReciprocalOf → IsClassOf 2 IsA → IsRelatingTermBegottenBy → Classify 3 IsA → IsRelatingTermFrom → Instance 4 IsA → IsRelatingTermTo → Class 5 IsA → IsTypeOf → HasAscription <i>Type(s)</i> 1 IsA → HasType → IsAClassFromSet |
| IsAClassFromSet The RelatingTerm from an Entity to a TermSet, a Member of which is a Class of which the Entity is an Instance. <i>Scope of IsAClassFromSet</i> <i>IsAClassFromSet</i> shows that an Entity is an Instance of one of two more Classes. For example, if a Singer may be either a Soprano or an Alto, then a TermSet (say TermSet_X) may be created which has <i>Soprano</i> and <i>Alto</i> as Members, and the Relationship is shown as <i>Singer</i> > <i>IsAClassFromSet</i> > <i>TermSet_X</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAClassFromSet → IsTypeOf → IsA 2 IsAClassFromSet → IsReciprocalOf → IsSetWithClassOf 3 IsAClassFromSet → IsRelatingTermFrom → Entity[#1] 4 IsAClassFromSet → IsRelatingTermTo → TermSet[#2] |
| IsActTypeBegottenBy The RelatingTerm from an ActType to a ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsActTypeBegottenBy → IsReciprocalOf → BegetsActType 2 IsActTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsActTypeBegottenBy → IsRelatingTermFrom → ActType 4 IsActTypeBegottenBy → IsRelatingTermTo → Begetter |
| IsActTypeOf The RelatingTerm from an ActType to the ContextType in which it happens. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsActTypeOf → IsReciprocalOf → HasActType 2 IsActTypeOf → IsTypeOf → IsAttributeOf 3 IsActTypeOf → IsRelatingTermFrom → ActType 4 IsActTypeOf → IsRelatingTermTo → ContextType |
| IsAdaptationOf The RelatingTerm between Adaptation and SourceOfAdaptation in the Adapt ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAdaptationOf → IsRelatingTermBegottenBy → Adapt 2 IsAdaptationOf → IsRelatingTermFrom → Adaptation 3 IsAdaptationOf → IsRelatingTermTo → SourceOfAdaptation 4 IsAdaptationOf → IsReciprocalOf → HasAdaptation <i>Type(s)</i> 1 IsAdaptationOf → HasType → IsTransformationOf |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| IsAdaptedBy The RelatingTerm between Adaptation and Adaptor in the Adapt ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAdaptedBy → IsReciprocalOf → IsAdaptorOf 2 IsAdaptedBy → IsRelatingTermBegottenBy → Adapt 3 IsAdaptedBy → IsRelatingTermFrom → Adaptation 4 IsAdaptedBy → IsRelatingTermTo → Adaptor <i>Type(s)</i> 1 IsAdaptedBy → HasType → IsTransformedBy |
| IsAdaptorOf The RelatingTerm between Adaptor and Adaptation in the Adapt ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAdaptorOf → IsRelatingTermBegottenBy → Adapt 2 IsAdaptorOf → IsRelatingTermFrom → Adaptor 3 IsAdaptorOf → IsRelatingTermTo → Adaptation 4 IsAdaptorOf → IsReciprocalOf → IsAdaptedBy <i>Type(s)</i> 1 IsAdaptorOf → HasType → IsTransformerOf |
| IsAgentActingOn The RelatingTerm between Agent and Resource in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAgentActingOn → IsRelatingTermBegottenBy → Act 2 IsAgentActingOn → IsRelatingTermFrom → Agent 3 IsAgentActingOn → IsRelatingTermTo → Resource 4 IsAgentActingOn → IsReciprocalOf → IsResourceActedOnBy 5 IsAgentActingOn → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsAgentActingOn → HasType → IsDoerDoingTo 2 IsAgentActingOn → HasType → Has |
| IsAgentAtTime The RelatingTerm between Agent and Time in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAgentAtTime → IsRelatingTermBegottenBy → Act 2 IsAgentAtTime → IsRelatingTermFrom → Agent 3 IsAgentAtTime → IsRelatingTermTo → Time 4 IsAgentAtTime → IsReciprocalOf → IsTimeOfActingBy 5 IsAgentAtTime → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsAgentAtTime → HasType → IsDoerAtTime 2 IsAgentAtTime → HasType → HasTimeOfPossession |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsAgentIn The RelatingTerm between Agent and Context in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAgentIn → IsReciprocalOf → icoAgent 2 IsAgentIn → IsRelatingTermBegottenBy → Act 3 IsAgentIn → IsRelatingTermFrom → Agent 4 IsAgentIn → IsRelatingTermTo → Context 5 IsAgentIn → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsAgentIn → HasType → IsDoerIn 2 IsAgentIn → HasType → IsPossessorIn |
| IsAgentInPlace The RelatingTerm between Agent and Place in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAgentInPlace → IsRelatingTermBegottenBy → Act 2 IsAgentInPlace → IsRelatingTermFrom → Agent 3 IsAgentInPlace → IsRelatingTermTo → Place 4 IsAgentInPlace → IsReciprocalOf → IsPlaceOfActingBy 5 IsAgentInPlace → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsAgentInPlace → HasType → IsDoerInPlace 2 IsAgentInPlace → HasType → HasPlaceOfPossession |
| IsAgentTypeBegottenBy The RelatingTerm from an AgentType to an ActType or ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAgentTypeBegottenBy → IsReciprocalOf → BegetsAgentType 2 IsAgentTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsAgentTypeBegottenBy → IsRelatingTermFrom → Begetter 4 IsAgentTypeBegottenBy → IsRelatingTermTo → AgentType |
| IsAgentTypeOf The RelatingTerm from an AgentType to the ContextType in which it Acts. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAgentTypeOf → IsReciprocalOf → HasAgentType 2 IsAgentTypeOf → IsTypeOf → IsAttributeOf 3 IsAgentTypeOf → IsRelatingTermFrom → AgentType 4 IsAgentTypeOf → IsRelatingTermTo → ContextType |
| IsAllowedValueOf The RelatingTerm from an AllowedValue to a Term of which it is an AllowedValue. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAllowedValueOf → IsReciprocalOf → HasAllowedValue 2 IsAllowedValueOf → IsTypeOf → IsValueOf 3 IsAllowedValueOf → IsRelatingTermFrom → AllowedValue 4 IsAllowedValueOf → IsRelatingTermTo → Term |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsAscriptionTo The RelatingTerm between Ascription and AscribedResource in the Ascribe ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAscriptionTo → IsRelatingTermBegottenBy → Ascribe 2 IsAscriptionTo → IsRelatingTermFrom → Ascription 3 IsAscriptionTo → IsRelatingTermTo → AscribedResource 4 IsAscriptionTo → IsReciprocalOf → HasAscription 5 IsAscriptionTo → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsAscriptionTo → HasType → IsNameOf 2 IsAscriptionTo → HasType → IsTypeOf 3 IsAscriptionTo → HasType → IsClassOf 4 IsAscriptionTo → HasType → IsQualityOf 5 IsAscriptionTo → HasType → IsPartOf 6 IsAscriptionTo → HasType → IsValueOf |
| IsAttributeln The RelatingTerm between Attribute and Situation in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAttributeln → IsReciprocalOf → icoAttribute 2 IsAttributeln → IsRelatingTermBegottenBy → Situation 3 IsAttributeln → IsRelatingTermFrom → Attribute 4 IsAttributeln → IsRelatingTermTo → Situation 5 IsAttributeln → IsTypeOf → IsResourceIn |
| IsAttributeOf The RelatingTerm between Attribute and Possessor in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsAttributeOf → IsReciprocalOf → Has 2 IsAttributeOf → IsRelatingTermBegottenBy → Situation 3 IsAttributeOf → IsRelatingTermFrom → Attribute 4 IsAttributeOf → IsRelatingTermTo → Possessor 5 IsAttributeOf → IsTypeOf → IsResourceActedOnBy <i>Type(s)</i> 1 IsAttributeOf → HasType → IsActTypeOf 2 IsAttributeOf → HasType → IsAgentTypeOf 3 IsAttributeOf → HasType → IsResourceTypeOf 4 IsAttributeOf → HasType → IsTimeTypeOf 5 IsAttributeOf → HasType → IsPlaceTypeOf 6 IsAttributeOf → HasType → IsStateTypeOf 7 IsAttributeOf → HasType → IsSetWithAttributeOf 8 IsAttributeOf → HasType → IsCommentRelatingTo |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| IsBegetterOf The RelatingTerm between Begetter and BegottenTerm in the Beget ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsBegetterOf → IsRelatingTermBegottenBy → Beget 2 IsBegetterOf → IsRelatingTermFrom → Begetter 3 IsBegetterOf → IsRelatingTermTo → BegottenTerm 4 IsBegetterOf → IsReciprocalOf → IsBegottenBy <i>Type(s)</i> 1 IsBegetterOf → HasType → BegetsActType 2 IsBegetterOf → HasType → BegetsAgentType 3 IsBegetterOf → HasType → BegetsResourceType 4 IsBegetterOf → HasType → BegetsTimeType 5 IsBegetterOf → HasType → BegetsPlaceType 6 IsBegetterOf → HasType → BegetsContextType 7 IsBegetterOf → HasType → BegetsStateType 8 IsBegetterOf → HasType → BegetsQualityType 9 IsBegetterOf → HasType → BegetsRelatingTerm |
| IsBegottenBy The RelatingTerm between BegottenTerm and Begetter in the Beget ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsBegottenBy → IsReciprocalOf → IsBegetterOf 2 IsBegottenBy → IsRelatingTermBegottenBy → Beget 3 IsBegottenBy → IsRelatingTermFrom → BegottenTerm 4 IsBegottenBy → IsRelatingTermTo → Begetter <i>Type(s)</i> 1 IsBegottenBy → HasType → IsActTypeBegottenBy 2 IsBegottenBy → HasType → IsAgentTypeBegottenBy 3 IsBegottenBy → HasType → IsResourceTypeBegottenBy 4 IsBegottenBy → HasType → IsTimeTypeBegottenBy 5 IsBegottenBy → HasType → IsPlaceTypeBegottenBy 6 IsBegottenBy → HasType → IsContextTypeBegottenBy 7 IsBegottenBy → HasType → IsStateTypeBegottenBy 8 IsBegottenBy → HasType → IsQualityTypeBegottenBy 9 IsBegottenBy → HasType → IsRelatingTermBegottenBy |
| IsClassOf The RelatingTerm between Class and Instance in the Classify ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsClassOf → IsReciprocalOf → IsA 2 IsClassOf → IsRelatingTermBegottenBy → Classify 3 IsClassOf → IsRelatingTermFrom → Class 4 IsClassOf → IsRelatingTermTo → Instance 5 IsClassOf → IsTypeOf → IsAscriptionTo <i>Type(s)</i> 1 IsClassOf → HasType → IsSetWithClassOf |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsCo-Existent The RelatingTerm between Existent and Existent in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsCo-Existent → IsRelatingTermBegottenBy → Existence 2 IsCo-Existent → IsRelatingTermFrom → Existent 3 IsCo-Existent → IsRelatingTermTo → Existent 4 IsCo-Existent → IsReciprocalOf → IsCo-Existent |
| IsCommentRelatingTo The RelatingTerm from a Comment to an Entity to which it Relates. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsCommentRelatingTo → IsReciprocalOf → HasComment 2 IsCommentRelatingTo → IsTypeOf → IsAttributeOf 3 IsCommentRelatingTo → IsRelatingTermFrom → Comment 4 IsCommentRelatingTo → IsRelatingTermTo → Entity |
| IsComponentOf The RelatingTerm between Component and Aggregation in the Aggregate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsComponentOf → IsReciprocalOf → HasComponent 2 IsComponentOf → IsRelatingTermBegottenBy → Aggregate 3 IsComponentOf → IsRelatingTermFrom → Component 4 IsComponentOf → IsRelatingTermTo → Aggregation 5 IsComponentOf → IsTypeOf → IsSourceOf <i>Type(s)</i> 1 IsComponentOf → HasType → IsMemberOf |
| IsContextTypeBegottenBy The RelatingTerm from an ContextType to an ActType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsContextTypeBegottenBy → IsReciprocalOf → BegetsContextType 2 IsContextTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsContextTypeBegottenBy → IsRelatingTermFrom → ContextType 4 IsContextTypeBegottenBy → IsRelatingTermTo → Begetter |
| IsDerivedBy The RelatingTerm between Derivation and Deriver in the Derive ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDerivedBy → IsReciprocalOf → IsDeriverOf 2 IsDerivedBy → IsRelatingTermBegottenBy → Derive 3 IsDerivedBy → IsRelatingTermFrom → Derivation 4 IsDerivedBy → IsRelatingTermTo → Deriver |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsDeriverOf The RelatingTerm between Deriver and Derivation in the Derive ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDeriverOf → IsRelatingTermBegottenBy → Derive 2 IsDeriverOf → IsRelatingTermFrom → Deriver 3 IsDeriverOf → IsRelatingTermTo → Derivation 4 IsDeriverOf → IsReciprocalOf → IsDerivedBy |
| IsDoerAtTime The RelatingTerm between Doer and TimeOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDoerAtTime → IsRelatingTermBegottenBy → Do 2 IsDoerAtTime → IsRelatingTermFrom → Doer 3 IsDoerAtTime → IsRelatingTermTo → TimeOfEvent 4 IsDoerAtTime → IsReciprocalOf → IsTimeOfDoingBy 5 IsDoerAtTime → IsTypeOf → IsAgentAtTime <i>Type(s)</i> 1 IsDoerAtTime → HasType → IsMakerAtTime |
| IsDoerDoingTo The RelatingTerm between Doer and Patient in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDoerDoingTo → IsRelatingTermBegottenBy → Do 2 IsDoerDoingTo → IsRelatingTermFrom → Doer 3 IsDoerDoingTo → IsRelatingTermTo → Patient 4 IsDoerDoingTo → IsReciprocalOf → IsDoneToBy 5 IsDoerDoingTo → IsTypeOf → IsAgentActingOn <i>Type(s)</i> 1 IsDoerDoingTo → HasType → IsMakerOf |
| IsDoerIn The RelatingTerm between Doer and Event in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDoerIn → IsReciprocalOf → icoDoer 2 IsDoerIn → IsRelatingTermBegottenBy → Do 3 IsDoerIn → IsRelatingTermFrom → Doer 4 IsDoerIn → IsRelatingTermTo → Event 5 IsDoerIn → IsTypeOf → IsAgentIn <i>Type(s)</i> 1 IsDoerIn → HasType → IsMakerIn |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsDoerInPlace The RelatingTerm between Doer and PlaceOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDoerInPlace → IsRelatingTermBegottenBy → Do 2 IsDoerInPlace → IsRelatingTermFrom → Doer 3 IsDoerInPlace → IsRelatingTermTo → PlaceOfEvent 4 IsDoerInPlace → IsReciprocalOf → IsPlaceOfDoingBy 5 IsDoerInPlace → IsTypeOf → IsAgentInPlace <i>Type(s)</i> 1 IsDoerInPlace → HasType → IsMakerInPlace |
| IsDoerWithTool The RelatingTerm between Doer and ToolForDoing in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDoerWithTool → IsRelatingTermBegottenBy → Do 2 IsDoerWithTool → IsRelatingTermFrom → Doer 3 IsDoerWithTool → IsRelatingTermTo → ToolForDoing 4 IsDoerWithTool → IsReciprocalOf → IsToolForDoingBy <i>Type(s)</i> 1 IsDoerWithTool → HasType → IsMakerWithTool |
| IsDoneToBy The RelatingTerm between Patient and Doer in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDoneToBy → IsReciprocalOf → IsDoerDoingTo 2 IsDoneToBy → IsRelatingTermBegottenBy → Do 3 IsDoneToBy → IsRelatingTermFrom → Patient 4 IsDoneToBy → IsRelatingTermTo → Doer 5 IsDoneToBy → IsTypeOf → IsResourceActedOnBy <i>Type(s)</i> 1 IsDoneToBy → HasType → IsMadeBy |
| IsDoneWithTool The RelatingTerm between Patient and ToolForDoing in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsDoneWithTool → IsRelatingTermBegottenBy → Do 2 IsDoneWithTool → IsRelatingTermFrom → Patient 3 IsDoneWithTool → IsRelatingTermTo → ToolForDoing 4 IsDoneWithTool → IsReciprocalOf → IsToolForDoingTo <i>Type(s)</i> 1 IsDoneWithTool → HasType → IsMadeWithTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsEqualTo The RelatingTerm between Equivalent and Equivalent in the Equate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsEqualTo → IsRelatingTermBegottenBy → Equate 2 IsEqualTo → IsRelatingTermFrom → Equivalent 3 IsEqualTo → IsRelatingTermTo → Equivalent 4 IsEqualTo → IsReciprocalOf → IsEqualTo 5 IsEqualTo → IsTypeOf → IsRelativeOf |
| IsExistentIn The RelatingTerm between Existent and Existence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsExistentIn → IsReciprocalOf → icoExistent 2 IsExistentIn → IsRelatingTermBegottenBy → Existence 3 IsExistentIn → IsRelatingTermFrom → Existent 4 IsExistentIn → IsRelatingTermTo → Existence 5 IsExistentIn → IsTypeOf → IsPossessorIn |
| IsExpressionOf The RelatingTerm between Manifestation and SourceOfManifestation in the Express ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsExpressionOf → IsRelatingTermBegottenBy → Express 2 IsExpressionOf → IsRelatingTermFrom → Manifestation 3 IsExpressionOf → IsRelatingTermTo → SourceOfManifestation 4 IsExpressionOf → IsReciprocalOf → IsSourceManifestedIn |
| IsFormOf The RelatingTerm from a Form to a QualifiedResource of which it is a Quality. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 IsFormOf → IsReciprocalOf → HasForm 2 IsFormOf → IsTypeOf → IsFormOf 3 IsFormOf → IsRelatingTermFrom → QualifiedResource 4 IsFormOf → IsRelatingTermTo → Form <i>Type(s)</i> 1 IsFormOf → HasType → IsFormOf 2 IsFormOf → HasType → IsLanguageOf |
| IsHistoricQualityOf The RelatingTerm from an HistoricQuality to an AgentType or ResourceType as Qualified by a ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsHistoricQualityOf → IsReciprocalOf → HasHistoricQuality 2 IsHistoricQualityOf → IsTypeOf → IsQualityOf 3 IsHistoricQualityOf → IsRelatingTermFrom → HistoricQuality 4 IsHistoricQualityOf → IsRelatingTermTo → QualifiedResource |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsIdentifierOf The RelatingTerm between Identifier and IdentifiedResource in the Identify ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsIdentifierOf → IsRelatingTermBegottenBy → Identify 2 IsIdentifierOf → IsRelatingTermFrom → Identifier 3 IsIdentifierOf → IsRelatingTermTo → IdentifiedResource 4 IsIdentifierOf → IsReciprocalOf → HasIdentifier 5 IsIdentifierOf → IsTypeOf → IsNameOf |
| IsLanguageOf The RelatingTerm from a Language to a QualifiedResource whose Lexical elements it is used to Express. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 IsLanguageOf → IsReciprocalOf → HasLanguage 2 IsLanguageOf → IsTypeOf → IsFormOf 3 IsLanguageOf → IsRelatingTermFrom → QualifiedResource 4 IsLanguageOf → IsRelatingTermTo → Language |
| IsMadeAtTime The RelatingTerm between Output and TimeOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMadeAtTime → IsRelatingTermBegottenBy → Make 2 IsMadeAtTime → IsRelatingTermFrom → Output 3 IsMadeAtTime → IsRelatingTermTo → TimeOfMaking 4 IsMadeAtTime → IsReciprocalOf → IsTimeOfMakingOf 5 IsMadeAtTime → IsTypeOf → IsPatientAtTime |
| IsMadeBy The RelatingTerm between Output and Maker in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMadeBy → IsReciprocalOf → IsMakerOf 2 IsMadeBy → IsRelatingTermBegottenBy → Make 3 IsMadeBy → IsRelatingTermFrom → Output 4 IsMadeBy → IsRelatingTermTo → Maker 5 IsMadeBy → IsTypeOf → IsDoneToBy |
| IsMadeInPlace The RelatingTerm between Output and PlaceOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMadeInPlace → IsRelatingTermBegottenBy → Make 2 IsMadeInPlace → IsRelatingTermFrom → Output 3 IsMadeInPlace → IsRelatingTermTo → PlaceOfMaking 4 IsMadeInPlace → IsReciprocalOf → IsPlaceOfMakingOf 5 IsMadeInPlace → IsTypeOf → IsPatientInPlace |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsMadeWithTool The RelatingTerm between Output and MakingTool in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMadeWithTool → IsRelatingTermBegottenBy → Make 2 IsMadeWithTool → IsRelatingTermFrom → Output 3 IsMadeWithTool → IsRelatingTermTo → MakingTool 4 IsMadeWithTool → IsReciprocalOf → IsToolForMakingOf 5 IsMadeWithTool → IsTypeOf → IsDoneWithTool |
| IsMakerAtTime The RelatingTerm between Maker and TimeOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakerAtTime → IsRelatingTermBegottenBy → Make 2 IsMakerAtTime → IsRelatingTermFrom → Maker 3 IsMakerAtTime → IsRelatingTermTo → TimeOfMaking 4 IsMakerAtTime → IsReciprocalOf → IsTimeOfMakingBy 5 IsMakerAtTime → IsTypeOf → IsDoerAtTime |
| IsMakerIn The RelatingTerm between Maker and MakingEvent in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakerIn → IsReciprocalOf → icoMaker 2 IsMakerIn → IsRelatingTermBegottenBy → Make 3 IsMakerIn → IsRelatingTermFrom → Maker 4 IsMakerIn → IsRelatingTermTo → MakingEvent 5 IsMakerIn → IsTypeOf → IsDoerIn |
| IsMakerInPlace The RelatingTerm between Maker and PlaceOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakerInPlace → IsRelatingTermBegottenBy → Make 2 IsMakerInPlace → IsRelatingTermFrom → Maker 3 IsMakerInPlace → IsRelatingTermTo → PlaceOfMaking 4 IsMakerInPlace → IsReciprocalOf → IsPlaceOfMakingBy 5 IsMakerInPlace → IsTypeOf → IsDoerInPlace |
| IsMakerOf The RelatingTerm between Maker and Output in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakerOf → IsRelatingTermBegottenBy → Make 2 IsMakerOf → IsRelatingTermFrom → Maker 3 IsMakerOf → IsRelatingTermTo → Output 4 IsMakerOf → IsReciprocalOf → IsMadeBy 5 IsMakerOf → IsTypeOf → IsDoerDoingTo |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsMakerWithTool The RelatingTerm between Maker and MakingTool in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakerWithTool → IsRelatingTermBegottenBy → Make 2 IsMakerWithTool → IsRelatingTermFrom → Maker 3 IsMakerWithTool → IsRelatingTermTo → MakingTool 4 IsMakerWithTool → IsReciprocalOf → IsToolForMakingBy 5 IsMakerWithTool → IsTypeOf → IsDoerWithTool |
| IsMakingToolAtTime The RelatingTerm between MakingTool and TimeOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakingToolAtTime → IsRelatingTermBegottenBy → Make 2 IsMakingToolAtTime → IsRelatingTermFrom → MakingTool 3 IsMakingToolAtTime → IsRelatingTermTo → TimeOfMaking 4 IsMakingToolAtTime → IsReciprocalOf → IsTimeOfMakingWithTool 5 IsMakingToolAtTime → IsTypeOf → IsToolForDoingAtTime |
| IsMakingToolIn The RelatingTerm between MakingTool and MakingEvent in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakingToolIn → IsReciprocalOf → icoMakingTool 2 IsMakingToolIn → IsRelatingTermBegottenBy → Make 3 IsMakingToolIn → IsRelatingTermFrom → MakingTool 4 IsMakingToolIn → IsRelatingTermTo → MakingEvent 5 IsMakingToolIn → IsTypeOf → IsToolForDoingIn |
| IsMakingToolInPlace The RelatingTerm between MakingTool and PlaceOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMakingToolInPlace → IsRelatingTermBegottenBy → Make 2 IsMakingToolInPlace → IsRelatingTermFrom → MakingTool 3 IsMakingToolInPlace → IsRelatingTermTo → PlaceOfMaking 4 IsMakingToolInPlace → IsReciprocalOf → IsPlaceOfMakingWithTool 5 IsMakingToolInPlace → IsTypeOf → IsToolForDoingInPlace |
| IsMemberOf The RelatingTerm between Member and Set in the MakeSet ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsMemberOf → IsReciprocalOf → HasMember 2 IsMemberOf → IsRelatingTermBegottenBy → MakeSet 3 IsMemberOf → IsRelatingTermFrom → Member 4 IsMemberOf → IsRelatingTermTo → Set 5 IsMemberOf → IsTypeOf → IsComponentOf |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsNameOf The RelatingTerm between Name and Entity in the Nominate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsNameOf → IsRelatingTermBegottenBy → Nominate 2 IsNameOf → IsRelatingTermFrom → Name 3 IsNameOf → IsRelatingTermTo → Entity 4 IsNameOf → IsReciprocalOf → HasName 5 IsNameOf → IsTypeOf → IsAscriptionTo <i>Type(s)</i> 1 IsNameOf → HasType → IsIdentifierOf |
| IsolatedTerm A Term under an Authority other than the RddAuthority, which has an RddIdentifier but no Relationship with a Term which is not an Isolated Term. <i>Criteria for establishing Isolated Terms</i> An <i>IsolatedTerm</i> has been registered by another Authority but (a) mapping is not, or not yet, possible; or (b) mapping is not required by the Authority, but the Authority wishes to add the Term to its RDD TermSet. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 IsolatedTerm → IsTypeOf → Term 2 IsolatedTerm → IsAllowedValueOf → TermStatus |
| IsOpposedTo The RelatingTerm between Opposite and Opposite in the Oppose ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsOpposedTo → IsRelatingTermBegottenBy → Oppose 2 IsOpposedTo → IsRelatingTermFrom → Opposite 3 IsOpposedTo → IsRelatingTermTo → Opposite 4 IsOpposedTo → IsReciprocalOf → IsOpposedTo 5 IsOpposedTo → IsTypeOf → IsRelativeOf |
| IsOutputIn The RelatingTerm between Output and MakingEvent in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsOutputIn → IsReciprocalOf → icoOutput 2 IsOutputIn → IsRelatingTermBegottenBy → Make 3 IsOutputIn → IsRelatingTermFrom → Output 4 IsOutputIn → IsRelatingTermTo → MakingEvent 5 IsOutputIn → IsTypeOf → IsPatientIn |
| IsPartOf The RelatingTerm between Part and Whole in the Partition ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPartOf → IsRelatingTermBegottenBy → Partition 2 IsPartOf → IsRelatingTermFrom → Part 3 IsPartOf → IsRelatingTermTo → Whole 4 IsPartOf → IsReciprocalOf → HasPart 5 IsPartOf → IsTypeOf → IsAscriptionTo |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| IsPatientAtTime The RelatingTerm between Patient and TimeOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPatientAtTime → IsRelatingTermBegottenBy → Do 2 IsPatientAtTime → IsRelatingTermFrom → Patient 3 IsPatientAtTime → IsRelatingTermTo → TimeOfEvent 4 IsPatientAtTime → IsReciprocalOf → IsTimeOfBeingDoneToOf 5 IsPatientAtTime → IsTypeOf → IsResourceAtTime <i>Type(s)</i> 1 IsPatientAtTime → HasType → IsMadeAtTime |
| IsPatientIn The RelatingTerm between Patient and Event in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPatientIn → IsReciprocalOf → icoPatient 2 IsPatientIn → IsRelatingTermBegottenBy → Do 3 IsPatientIn → IsRelatingTermFrom → Patient 4 IsPatientIn → IsRelatingTermTo → Event 5 IsPatientIn → IsTypeOf → IsResourceIn <i>Type(s)</i> 1 IsPatientIn → HasType → IsOutputIn |
| IsPatientInPlace The RelatingTerm between Patient and PlaceOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPatientInPlace → IsRelatingTermBegottenBy → Do 2 IsPatientInPlace → IsRelatingTermFrom → Patient 3 IsPatientInPlace → IsRelatingTermTo → PlaceOfEvent 4 IsPatientInPlace → IsReciprocalOf → IsPlaceOfBeingDoneToOf 5 IsPatientInPlace → IsTypeOf → IsResourceInPlace <i>Type(s)</i> 1 IsPatientInPlace → HasType → IsMadeInPlace |
| IsPlaceIn The RelatingTerm between Place and Context in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceIn → IsReciprocalOf → icoPlace 2 IsPlaceIn → IsRelatingTermBegottenBy → Act 3 IsPlaceIn → IsRelatingTermFrom → Place 4 IsPlaceIn → IsRelatingTermTo → Context 5 IsPlaceIn → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsPlaceIn → HasType → IsPlaceOfEventIn 2 IsPlaceIn → HasType → IsPlaceOfPossessionIn |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|--|
| IsPlaceOf The RelatingTerm between PlaceOfExistence and Existent in the Existence ContextFamily. | MeaningType: Derived Genealogy 1 IsPlaceOf → IsReciprocalOf → HasPlace 2 IsPlaceOf → IsRelatingTermBegottenBy → Existence 3 IsPlaceOf → IsRelatingTermFrom → PlaceOfExistence 4 IsPlaceOf → IsRelatingTermTo → Existent 5 IsPlaceOf → IsTypeOf → IsPlaceOfPossessionBy |
| IsPlaceOfActingAtTime The RelatingTerm between Place and Time in the Act ActionFamily. | MeaningType: Derived Genealogy 1 IsPlaceOfActingAtTime → IsReciprocalOf → IsTimeOfActingInPlace 2 IsPlaceOfActingAtTime → IsRelatingTermBegottenBy → Act 3 IsPlaceOfActingAtTime → IsRelatingTermFrom → Place 4 IsPlaceOfActingAtTime → IsRelatingTermTo → Time 5 IsPlaceOfActingAtTime → IsTypeOf → IsRelativeOf Type(s) 1 IsPlaceOfActingAtTime → HasType → IsPlaceOfEventAtTime |
| IsPlaceOfActingBy The RelatingTerm between Place and Agent in the Act ActionFamily. | MeaningType: Derived Genealogy 1 IsPlaceOfActingBy → IsReciprocalOf → IsAgentInPlace 2 IsPlaceOfActingBy → IsRelatingTermBegottenBy → Act 3 IsPlaceOfActingBy → IsRelatingTermFrom → Place 4 IsPlaceOfActingBy → IsRelatingTermTo → Agent 5 IsPlaceOfActingBy → IsTypeOf → IsRelativeOf Type(s) 1 IsPlaceOfActingBy → HasType → IsPlaceOfDoingBy 2 IsPlaceOfActingBy → HasType → IsPlaceOfPossessionBy |
| IsPlaceOfBeingActedOnOf The RelatingTerm between Place and Resource in the Act ActionFamily. | MeaningType: Derived Genealogy 1 IsPlaceOfBeingActedOnOf → IsReciprocalOf → IsResourceInPlace 2 IsPlaceOfBeingActedOnOf → IsRelatingTermBegottenBy → Act 3 IsPlaceOfBeingActedOnOf → IsRelatingTermFrom → Place 4 IsPlaceOfBeingActedOnOf → IsRelatingTermTo → Resource 5 IsPlaceOfBeingActedOnOf → IsTypeOf → IsRelativeOf Type(s) 1 IsPlaceOfBeingActedOnOf → HasType → IsPlaceOfBeingDoneToOf |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsPlaceOfBeingDoneToOf The RelatingTerm between PlaceOfEvent and Patient in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfBeingDoneToOf → IsReciprocalOf → IsPatientInPlace 2 IsPlaceOfBeingDoneToOf → IsRelatingTermBegottenBy → Do 3 IsPlaceOfBeingDoneToOf → IsRelatingTermFrom → PlaceOfEvent 4 IsPlaceOfBeingDoneToOf → IsRelatingTermTo → Patient 5 IsPlaceOfBeingDoneToOf → IsTypeOf → IsPlaceOfBeingActedOnOf <i>Type(s)</i> 1 IsPlaceOfBeingDoneToOf → HasType → IsPlaceOfMakingOf |
| IsPlaceOfDoingBy The RelatingTerm between PlaceOfEvent and Doer in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfDoingBy → IsReciprocalOf → IsDoerInPlace 2 IsPlaceOfDoingBy → IsRelatingTermBegottenBy → Do 3 IsPlaceOfDoingBy → IsRelatingTermFrom → PlaceOfEvent 4 IsPlaceOfDoingBy → IsRelatingTermTo → Doer 5 IsPlaceOfDoingBy → IsTypeOf → IsPlaceOfActingBy <i>Type(s)</i> 1 IsPlaceOfDoingBy → HasType → IsPlaceOfMakingBy |
| IsPlaceOfDoingWithTool The RelatingTerm between PlaceOfEvent and ToolForDoing in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfDoingWithTool → IsReciprocalOf → IsToolForDoingInPlace 2 IsPlaceOfDoingWithTool → IsRelatingTermBegottenBy → Do 3 IsPlaceOfDoingWithTool → IsRelatingTermFrom → PlaceOfEvent 4 IsPlaceOfDoingWithTool → IsRelatingTermTo → ToolForDoing <i>Type(s)</i> 1 IsPlaceOfDoingWithTool → HasType → IsPlaceOfMakingWithTool |
| IsPlaceOfEventAtTime The RelatingTerm between PlaceOfEvent and TimeOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfEventAtTime → IsReciprocalOf → IsTimeOfEventInPlace 2 IsPlaceOfEventAtTime → IsRelatingTermBegottenBy → Do 3 IsPlaceOfEventAtTime → IsRelatingTermFrom → PlaceOfEvent 4 IsPlaceOfEventAtTime → IsRelatingTermTo → TimeOfEvent 5 IsPlaceOfEventAtTime → IsTypeOf → IsPlaceOfActingAtTime <i>Type(s)</i> 1 IsPlaceOfEventAtTime → HasType → IsPlaceOfMakingAtTime |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsPlaceOfEventIn The RelatingTerm between PlaceOfEvent and Event in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfEventIn → IsReciprocalOf → icoPlaceOfEvent 2 IsPlaceOfEventIn → IsRelatingTermBegottenBy → Do 3 IsPlaceOfEventIn → IsRelatingTermFrom → PlaceOfEvent 4 IsPlaceOfEventIn → IsRelatingTermTo → Event 5 IsPlaceOfEventIn → IsTypeOf → IsPlaceIn <i>Type(s)</i> 1 IsPlaceOfEventIn → HasType → IsPlaceOfMakingIn |
| IsPlaceOfExistenceAtTime The RelatingTerm between PlaceOfExistence and TimeOfExistence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfExistenceAtTime → IsReciprocalOf → IsTimeOfExistenceInPlace 2 IsPlaceOfExistenceAtTime → IsRelatingTermBegottenBy → Existence 3 IsPlaceOfExistenceAtTime → IsRelatingTermFrom → PlaceOfExistence 4 IsPlaceOfExistenceAtTime → IsRelatingTermTo → TimeOfExistence |
| IsPlaceOfExistenceIn The RelatingTerm between PlaceOfExistence and Existence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfExistenceIn → IsReciprocalOf → icoPlaceOfExistence 2 IsPlaceOfExistenceIn → IsRelatingTermBegottenBy → Existence 3 IsPlaceOfExistenceIn → IsRelatingTermFrom → PlaceOfExistence 4 IsPlaceOfExistenceIn → IsRelatingTermTo → Existence 5 IsPlaceOfExistenceIn → IsTypeOf → IsPlaceOfPossessionIn |
| IsPlaceOfMakingAtTime The RelatingTerm between PlaceOfMaking and TimeOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfMakingAtTime → IsReciprocalOf → IsTimeOfMakingInPlace 2 IsPlaceOfMakingAtTime → IsRelatingTermBegottenBy → Make 3 IsPlaceOfMakingAtTime → IsRelatingTermFrom → PlaceOfMaking 4 IsPlaceOfMakingAtTime → IsRelatingTermTo → TimeOfMaking 5 IsPlaceOfMakingAtTime → IsTypeOf → IsPlaceOfEventAtTime |
| IsPlaceOfMakingBy The RelatingTerm between PlaceOfMaking and Maker in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfMakingBy → IsReciprocalOf → IsMakerInPlace 2 IsPlaceOfMakingBy → IsRelatingTermBegottenBy → Make 3 IsPlaceOfMakingBy → IsRelatingTermFrom → PlaceOfMaking 4 IsPlaceOfMakingBy → IsRelatingTermTo → Maker 5 IsPlaceOfMakingBy → IsTypeOf → IsPlaceOfDoingBy |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsPlaceOfMakingIn The RelatingTerm between PlaceOfMaking and MakingEvent in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfMakingIn → IsReciprocalOf → icoPlaceOfMaking 2 IsPlaceOfMakingIn → IsRelatingTermBegottenBy → Make 3 IsPlaceOfMakingIn → IsRelatingTermFrom → PlaceOfMaking 4 IsPlaceOfMakingIn → IsRelatingTermTo → MakingEvent 5 IsPlaceOfMakingIn → IsTypeOf → IsPlaceOfEventIn |
| IsPlaceOfMakingOf The RelatingTerm between PlaceOfMaking and Output in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfMakingOf → IsReciprocalOf → IsMadeInPlace 2 IsPlaceOfMakingOf → IsRelatingTermBegottenBy → Make 3 IsPlaceOfMakingOf → IsRelatingTermFrom → PlaceOfMaking 4 IsPlaceOfMakingOf → IsRelatingTermTo → Output 5 IsPlaceOfMakingOf → IsTypeOf → IsPlaceOfBeingDoneToOf |
| IsPlaceOfMakingWithTool The RelatingTerm between PlaceOfMaking and MakingTool in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfMakingWithTool → IsReciprocalOf → IsMakingToolInPlace 2 IsPlaceOfMakingWithTool → IsRelatingTermBegottenBy → Make 3 IsPlaceOfMakingWithTool → IsRelatingTermFrom → PlaceOfMaking 4 IsPlaceOfMakingWithTool → IsRelatingTermTo → MakingTool 5 IsPlaceOfMakingWithTool → IsTypeOf → IsPlaceOfDoingWithTool |
| IsPlaceOfPossessionBy The RelatingTerm between PlaceOfSituation and Possessor in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfPossessionBy → IsReciprocalOf → HasPlaceOfPossession 2 IsPlaceOfPossessionBy → IsRelatingTermBegottenBy → Situation 3 IsPlaceOfPossessionBy → IsRelatingTermFrom → PlaceOfSituation 4 IsPlaceOfPossessionBy → IsRelatingTermTo → Possessor 5 IsPlaceOfPossessionBy → IsTypeOf → IsPlaceOfActingBy <i>Type(s)</i> 1 IsPlaceOfPossessionBy → HasType → IsPlaceOf |
| IsPlaceOfPossessionIn The RelatingTerm between PlaceOfSituation and Situation in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceOfPossessionIn → IsReciprocalOf → icoPlaceOfSituation 2 IsPlaceOfPossessionIn → IsRelatingTermBegottenBy → Situation 3 IsPlaceOfPossessionIn → IsRelatingTermFrom → PlaceOfSituation 4 IsPlaceOfPossessionIn → IsRelatingTermTo → Situation 5 IsPlaceOfPossessionIn → IsTypeOf → IsPlaceIn <i>Type(s)</i> 1 IsPlaceOfPossessionIn → HasType → IsPlaceOfExistenceIn |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsPlaceTypeBegottenBy The RelatingTerm from a PlaceType to an ActType or ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceTypeBegottenBy → IsReciprocalOf → BegetsPlaceType 2 IsPlaceTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsPlaceTypeBegottenBy → IsRelatingTermFrom → PlaceType 4 IsPlaceTypeBegottenBy → IsRelatingTermTo → Begetter |
| IsPlaceTypeOf The RelatingTerm from a PlaceType to the ContextType which happens in relation to it. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPlaceTypeOf → IsReciprocalOf → HasPlaceType 2 IsPlaceTypeOf → IsTypeOf → IsAttributeOf 3 IsPlaceTypeOf → IsRelatingTermFrom → PlaceType 4 IsPlaceTypeOf → IsRelatingTermTo → ContextType |
| IsPossessorIn The RelatingTerm between Possessor and Situation in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPossessorIn → IsReciprocalOf → icoPossessor 2 IsPossessorIn → IsRelatingTermBegottenBy → Situation 3 IsPossessorIn → IsRelatingTermFrom → Possessor 4 IsPossessorIn → IsRelatingTermTo → Situation 5 IsPossessorIn → IsTypeOf → IsAgentIn <i>Type(s)</i> 1 IsPossessorIn → HasType → IsExistentIn |
| IsPotentialQualityOf The RelatingTerm from a PotentialQuality to an AgentType or ResourceType as Qualified by a ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPotentialQualityOf → IsReciprocalOf → HasPotentialQuality 2 IsPotentialQualityOf → IsTypeOf → IsQualityOf 3 IsPotentialQualityOf → IsRelatingTermFrom → PotentialQuality 4 IsPotentialQualityOf → IsRelatingTermTo → QualifiedResource |
| IsPresentQualityOf The RelatingTerm from a PresentQuality to an AgentType or ResourceType as Qualified by a ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsPresentQualityOf → IsReciprocalOf → HasPresentQuality 2 IsPresentQualityOf → IsTypeOf → IsQualityOf 3 IsPresentQualityOf → IsRelatingTermFrom → PresentQuality 4 IsPresentQualityOf → IsRelatingTermTo → QualifiedResource |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsQualityOf The RelatingTerm between AscribedQuality and QualifiedResource in the Qualify ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsQualityOf → IsRelatingTermBegottenBy → Qualify 2 IsQualityOf → IsRelatingTermFrom → AscribedQuality 3 IsQualityOf → IsRelatingTermTo → QualifiedResource 4 IsQualityOf → IsReciprocalOf → Is 5 IsQualityOf → IsTypeOf → IsAscriptionTo <i>Type(s)</i> 1 IsQualityOf → HasType → IsStatusOf 2 IsQualityOf → HasType → IsHistoricQualityOf 3 IsQualityOf → HasType → IsPresentQualityOf 4 IsQualityOf → HasType → IsPotentialQualityOf |
| IsQualityTypeBegottenBy The RelatingTerm from a QualityType to a ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsQualityTypeBegottenBy → IsReciprocalOf → BegetsQualityType 2 IsQualityTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsQualityTypeBegottenBy → IsRelatingTermFrom → QualityType 4 IsQualityTypeBegottenBy → IsRelatingTermTo → Begetter |
| IsReciprocalOf The RelatingTerm from one RelatingTerm to another of which it is the Reciprocal. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsReciprocalOf → IsTypeOf → IsRelativeOf |
| IsRelatedFromBy The RelatingTerm from a SubjectTerm to its RelatingTerm within a Relationship. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsRelatedFromBy → IsReciprocalOf → IsRelatingTermFrom 2 IsRelatedFromBy → IsTypeOf → IsRelativeOf 3 IsRelatedFromBy → IsRelatingTermFrom → SubjectTerm 4 IsRelatedFromBy → IsRelatingTermTo → RelatingTerm |
| IsRelatedToBy The RelatingTerm from an ObjectTerm to its RelatingTerm within a Relationship. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsRelatedToBy → IsReciprocalOf → IsRelatingTermTo 2 IsRelatedToBy → IsTypeOf → IsRelativeOf 3 IsRelatedToBy → IsRelatingTermFrom → ObjectTerm 4 IsRelatedToBy → IsRelatingTermTo → RelatingTerm |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsRelatingTermBegottenBy The RelatingTerm from a RelatingTerm to an ActType or ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsRelatingTermBegottenBy → IsReciprocalOf → BegetsRelatingTerm 2 IsRelatingTermBegottenBy → IsTypeOf → IsBegottenBy 3 IsRelatingTermBegottenBy → IsRelatingTermFrom → RelatingTerm 4 IsRelatingTermBegottenBy → IsRelatingTermTo → Begetter |
| IsRelatingTermFrom The RelatingTerm from another RelatingTerm to its SubjectTerm within a Relationship. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsRelatingTermFrom → IsReciprocalOf → IsRelatedFromBy 2 IsRelatingTermFrom → IsTypeOf → IsRelativeOf 3 IsRelatingTermFrom → IsRelatingTermFrom → RelatingTerm 4 IsRelatingTermFrom → IsRelatingTermTo → SubjectTerm |
| IsRelatingTermTo The RelatingTerm from another RelatingTerm to its ObjectTerm within a Relationship. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsRelatingTermTo → IsReciprocalOf → IsRelatedToBy 2 IsRelatingTermTo → IsTypeOf → IsRelativeOf 3 IsRelatingTermTo → IsRelatingTermFrom → RelatingTerm 4 IsRelatingTermTo → IsRelatingTermTo → ObjectTerm |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsRelativeOf The RelatingTerm between Relative and Relative in the Relate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsRelativeOf → IsRelatingTermBegottenBy → Relate 2 IsRelativeOf → IsRelatingTermFrom → Relative 3 IsRelativeOf → IsRelatingTermTo → Relative 4 IsRelativeOf → IsReciprocalOf → IsRelativeOf <i>Type(s)</i> 1 IsRelativeOf → HasType → IsAscriptionTo 2 IsRelativeOf → HasType → HasAscription 3 IsRelativeOf → HasType → IsEqualTo 4 IsRelativeOf → HasType → IsOpposedTo 5 IsRelativeOf → HasType → IsRelatedToBy 6 IsRelativeOf → HasType → IsRelatingTermTo 7 IsRelativeOf → HasType → IsRelatedFromBy 8 IsRelativeOf → HasType → IsRelatingTermFrom 9 IsRelativeOf → HasType → IsReciprocalOf 10 IsRelativeOf → HasType → icoAgent 11 IsRelativeOf → HasType → icoPlace 12 IsRelativeOf → HasType → icoResource 13 IsRelativeOf → HasType → icoTime 14 IsRelativeOf → HasType → IsAgentIn 15 IsRelativeOf → HasType → IsAgentActingOn 16 IsRelativeOf → HasType → HasCo-Agent 17 IsRelativeOf → HasType → IsAgentAtTime 18 IsRelativeOf → HasType → IsAgentInPlace 19 IsRelativeOf → HasType → IsResourceIn 20 IsRelativeOf → HasType → IsResourceActedOnBy 21 IsRelativeOf → HasType → HasCo-Resource 22 IsRelativeOf → HasType → IsResourceAtTime 23 IsRelativeOf → HasType → IsResourceInPlace 24 IsRelativeOf → HasType → IsTimeIn 25 IsRelativeOf → HasType → IsTimeOfActingBy 26 IsRelativeOf → HasType → IsTimeOfBeingActedOnOf 27 IsRelativeOf → HasType → HasCo-TimeOfActing 28 IsRelativeOf → HasType → IsTimeOfActingInPlace 29 IsRelativeOf → HasType → IsPlaceIn 30 IsRelativeOf → HasType → IsPlaceOfActingBy 31 IsRelativeOf → HasType → IsPlaceOfBeingActedOnOf 32 IsRelativeOf → HasType → IsPlaceOfActingAtTime 33 IsRelativeOf → HasType → HasCo-PlaceOfActing |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsResourceActedOnBy The RelatingTerm between Resource and Agent in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsResourceActedOnBy → IsReciprocalOf → IsAgentActingOn 2 IsResourceActedOnBy → IsRelatingTermBegottenBy → Act 3 IsResourceActedOnBy → IsRelatingTermFrom → Resource 4 IsResourceActedOnBy → IsRelatingTermTo → Agent 5 IsResourceActedOnBy → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsResourceActedOnBy → HasType → IsDoneToBy 2 IsResourceActedOnBy → HasType → IsAttributeOf |
| IsResourceAtTime The RelatingTerm between Resource and Time in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsResourceAtTime → IsRelatingTermBegottenBy → Act 2 IsResourceAtTime → IsRelatingTermFrom → Resource 3 IsResourceAtTime → IsRelatingTermTo → Time 4 IsResourceAtTime → IsReciprocalOf → IsTimeOfBeingActedOnOf 5 IsResourceAtTime → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsResourceAtTime → HasType → IsPatientAtTime |
| IsResourceIn The RelatingTerm between Resource and Context in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsResourceIn → IsReciprocalOf → icoResource 2 IsResourceIn → IsRelatingTermBegottenBy → Act 3 IsResourceIn → IsRelatingTermFrom → Resource 4 IsResourceIn → IsRelatingTermTo → Context 5 IsResourceIn → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsResourceIn → HasType → IsPatientIn 2 IsResourceIn → HasType → IsAttributeIn |
| IsResourceInPlace The RelatingTerm between Resource and Place in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsResourceInPlace → IsRelatingTermBegottenBy → Act 2 IsResourceInPlace → IsRelatingTermFrom → Resource 3 IsResourceInPlace → IsRelatingTermTo → Place 4 IsResourceInPlace → IsReciprocalOf → IsPlaceOfBeingActedOnOf 5 IsResourceInPlace → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsResourceInPlace → HasType → IsPatientInPlace |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsResourceTypeBegottenBy The RelatingTerm from a ResourceType to an ActType or ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsResourceTypeBegottenBy → IsReciprocalOf → BegetsResourceType 2 IsResourceTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsResourceTypeBegottenBy → IsRelatingTermFrom → ResourceType 4 IsResourceTypeBegottenBy → IsRelatingTermTo → Begetter |
| IsResourceTypeOf The RelatingTerm from a ResourceType to the ContextType in which it is involved. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsResourceTypeOf → IsReciprocalOf → HasResourceType 2 IsResourceTypeOf → IsTypeOf → IsAttributeOf 3 IsResourceTypeOf → IsRelatingTermFrom → ResourceType 4 IsResourceTypeOf → IsRelatingTermTo → ContextType |
| IsSetWithAttributeOf The RelatingTerm from a TermSet to an Entity which has an Attribute that is one of the Members of the TermSet. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsSetWithAttributeOf → IsReciprocalOf → HasMemberOf 2 IsSetWithAttributeOf → IsTypeOf → IsAttributeOf 3 IsSetWithAttributeOf → IsRelatingTermFrom → Set 4 IsSetWithAttributeOf → IsRelatingTermTo → Entity |
| IsSetWithClassOf The RelatingTerm from a TermSet to an Entity which is an Instance of a Class that is one of the Members of the TermSet. <i>Scope of IsSetWithClassOf</i> <i>IsSetWith ClassOf</i> shows that a TermSet contains two or more Classes, of one of which a particular Entity is an Instance. For example, if a Singer may be either a Soprano or an Alto, then a TermSet (say TermSet_X) may be created which has <i>Soprano</i> and <i>Alto</i> as Members, and the Relationship is shown as <i>TermSet_X > IsSetWithClassOf > Singer</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsSetWithClassOf → IsReciprocalOf → IsAClassFromSet 2 IsSetWithClassOf → IsTypeOf → IsClassOf 3 IsSetWithClassOf → IsRelatingTermFrom → TermSet 4 IsSetWithClassOf → IsRelatingTermTo → Entity |
| IsSourceManifestedIn The RelatingTerm between SourceOfManifestation and Manifestation in the Express ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsSourceManifestedIn → IsReciprocalOf → IsExpressionOf 2 IsSourceManifestedIn → IsRelatingTermBegottenBy → Express 3 IsSourceManifestedIn → IsRelatingTermFrom → SourceOfManifestation 4 IsSourceManifestedIn → IsRelatingTermTo → Manifestation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsSourceOf The RelatingTerm between Source and Derivation in the Derive ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsSourceOf → IsReciprocalOf → HasSource 2 IsSourceOf → IsRelatingTermBegottenBy → Derive 3 IsSourceOf → IsRelatingTermFrom → Source 4 IsSourceOf → IsRelatingTermTo → Derivation <i>Type(s)</i> 1 IsSourceOf → HasType → IsComponentOf |
| IsStartTimeOfExistenceIn The RelatingTerm between a StartTime of an Existence and its Existence. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 IsStartTimeOfExistenceIn → IsReciprocalOf → icoExistenceStartTime 2 IsStartTimeOfExistenceIn → IsTypeOf → IsTimeOfExistenceIn 3 IsStartTimeOfExistenceIn → IsRelatingTermFrom → StartTimeOfExistence 4 IsStartTimeOfExistenceIn → IsRelatingTermTo → Existence |
| IsStartTimeOfSituationIn The RelatingTerm between a StartTime of a Situation and its Situation. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 IsStartTimeOfSituationIn → IsReciprocalOf → icoSituationStartTime 2 IsStartTimeOfSituationIn → IsTypeOf → IsTimeOfExistenceIn 3 IsStartTimeOfSituationIn → IsRelatingTermFrom → StartTimeOfSituation 4 IsStartTimeOfSituationIn → IsRelatingTermTo → Situation |
| IsStateTypeBegottenBy The RelatingTerm from a StateType to a ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsStateTypeBegottenBy → IsReciprocalOf → BegetsStateType 2 IsStateTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsStateTypeBegottenBy → IsRelatingTermFrom → StateType 4 IsStateTypeBegottenBy → IsRelatingTermTo → Begetter |
| IsStateTypeOf The RelatingTerm from a StateType to the ContextType which brings it into Existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsStateTypeOf → IsReciprocalOf → HasStateType 2 IsStateTypeOf → IsTypeOf → IsAttributeOf 3 IsStateTypeOf → IsRelatingTermFrom → StateType 4 IsStateTypeOf → IsRelatingTermTo → ContextType |
| IsStatusOf The RelatingTerm from a Status to an Entity of which it is an AscribedQuality. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsStatusOf → IsTypeOf → IsQualityOf 2 IsStatusOf → IsReciprocalOf → HasStatus 3 IsStatusOf → IsRelatingTermFrom → Status 4 IsStatusOf → IsRelatingTermTo → QualifiedResource |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| IsTimeIn The RelatingTerm between Time and Context in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeIn → IsReciprocalOf → icoTime 2 IsTimeIn → IsRelatingTermBegottenBy → Act 3 IsTimeIn → IsRelatingTermFrom → Time 4 IsTimeIn → IsRelatingTermTo → Context 5 IsTimeIn → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsTimeIn → HasType → IsTimeOfEventIn 2 IsTimeIn → HasType → IsTimeOfPossessionIn |
| IsTimeOf The RelatingTerm between TimeOfExistence and Existent in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOf → IsReciprocalOf → HasTime 2 IsTimeOf → IsRelatingTermBegottenBy → Existence 3 IsTimeOf → IsRelatingTermFrom → TimeOfExistence 4 IsTimeOf → IsRelatingTermTo → Existent 5 IsTimeOf → IsTypeOf → IsTimeOfPossessionBy |
| IsTimeOfActingBy The RelatingTerm between Time and Agent in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfActingBy → IsReciprocalOf → IsAgentAtTime 2 IsTimeOfActingBy → IsRelatingTermBegottenBy → Act 3 IsTimeOfActingBy → IsRelatingTermFrom → Time 4 IsTimeOfActingBy → IsRelatingTermTo → Agent 5 IsTimeOfActingBy → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsTimeOfActingBy → HasType → IsTimeOfDoingBy 2 IsTimeOfActingBy → HasType → IsTimeOfPossessionBy |
| IsTimeOfActingInPlace The RelatingTerm between Time and Place in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfActingInPlace → IsRelatingTermBegottenBy → Act 2 IsTimeOfActingInPlace → IsRelatingTermFrom → Time 3 IsTimeOfActingInPlace → IsRelatingTermTo → Place 4 IsTimeOfActingInPlace → IsReciprocalOf → IsPlaceOfActingAtTime 5 IsTimeOfActingInPlace → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsTimeOfActingInPlace → HasType → IsTimeOfEventInPlace |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| IsTimeOfBeingActedOnOf The RelatingTerm between Time and Resource in the Act ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfBeingActedOnOf → IsReciprocalOf → IsResourceAtTime 2 IsTimeOfBeingActedOnOf → IsRelatingTermBegottenBy → Act 3 IsTimeOfBeingActedOnOf → IsRelatingTermFrom → Time 4 IsTimeOfBeingActedOnOf → IsRelatingTermTo → Resource 5 IsTimeOfBeingActedOnOf → IsTypeOf → IsRelativeOf <i>Type(s)</i> 1 IsTimeOfBeingActedOnOf → HasType → IsTimeOfBeingDoneToOf |
| IsTimeOfBeingDoneToOf The RelatingTerm between TimeOfEvent and Patient in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfBeingDoneToOf → IsReciprocalOf → IsPatientAtTime 2 IsTimeOfBeingDoneToOf → IsRelatingTermBegottenBy → Do 3 IsTimeOfBeingDoneToOf → IsRelatingTermFrom → TimeOfEvent 4 IsTimeOfBeingDoneToOf → IsRelatingTermTo → Patient 5 IsTimeOfBeingDoneToOf → IsTypeOf → IsTimeOfBeingActedOnOf <i>Type(s)</i> 1 IsTimeOfBeingDoneToOf → HasType → IsTimeOfMakingOf |
| IsTimeOfDoingBy The RelatingTerm between TimeOfEvent and Doer in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfDoingBy → IsReciprocalOf → IsDoerAtTime 2 IsTimeOfDoingBy → IsRelatingTermBegottenBy → Do 3 IsTimeOfDoingBy → IsRelatingTermFrom → TimeOfEvent 4 IsTimeOfDoingBy → IsRelatingTermTo → Doer 5 IsTimeOfDoingBy → IsTypeOf → IsTimeOfActingBy <i>Type(s)</i> 1 IsTimeOfDoingBy → HasType → IsTimeOfMakingBy |
| IsTimeOfDoingWithTool The RelatingTerm between TimeOfEvent and ToolForDoing in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfDoingWithTool → IsReciprocalOf → IsToolForDoingAtTime 2 IsTimeOfDoingWithTool → IsRelatingTermBegottenBy → Do 3 IsTimeOfDoingWithTool → IsRelatingTermFrom → TimeOfEvent 4 IsTimeOfDoingWithTool → IsRelatingTermTo → ToolForDoing <i>Type(s)</i> 1 IsTimeOfDoingWithTool → HasType → IsTimeOfMakingWithTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| IsTimeOfEventIn The RelatingTerm between TimeOfEvent and Event in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfEventIn → IsReciprocalOf → icoTimeOfEvent 2 IsTimeOfEventIn → IsRelatingTermBegottenBy → Do 3 IsTimeOfEventIn → IsRelatingTermFrom → TimeOfEvent 4 IsTimeOfEventIn → IsRelatingTermTo → Event 5 IsTimeOfEventIn → IsTypeOf → IsTimeIn <i>Type(s)</i> 1 IsTimeOfEventIn → HasType → IsTimeOfMakingIn |
| IsTimeOfEventInPlace The RelatingTerm between TimeOfEvent and PlaceOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfEventInPlace → IsRelatingTermBegottenBy → Do 2 IsTimeOfEventInPlace → IsRelatingTermFrom → TimeOfEvent 3 IsTimeOfEventInPlace → IsRelatingTermTo → PlaceOfEvent 4 IsTimeOfEventInPlace → IsReciprocalOf → IsPlaceOfEventAtTime 5 IsTimeOfEventInPlace → IsTypeOf → IsTimeOfActingInPlace <i>Type(s)</i> 1 IsTimeOfEventInPlace → HasType → IsTimeOfMakingInPlace |
| IsTimeOfExistenceIn The RelatingTerm between TimeOfExistence and Existence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfExistenceIn → IsReciprocalOf → icoTimeOfExistence 2 IsTimeOfExistenceIn → IsRelatingTermBegottenBy → Existence 3 IsTimeOfExistenceIn → IsRelatingTermFrom → TimeOfExistence 4 IsTimeOfExistenceIn → IsRelatingTermTo → Existence 5 IsTimeOfExistenceIn → IsTypeOf → IsTimeOfPossessionIn <i>Type(s)</i> 1 IsTimeOfExistenceIn → HasType → IsStartTimeOfExistenceIn 2 IsTimeOfExistenceIn → HasType → IsStartTimeOfSituationIn |
| IsTimeOfExistenceInPlace The RelatingTerm between TimeOfExistence and PlaceOfExistence in the Existence ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfExistenceInPlace → IsRelatingTermBegottenBy → Existence 2 IsTimeOfExistenceInPlace → IsRelatingTermFrom → TimeOfExistence 3 IsTimeOfExistenceInPlace → IsRelatingTermTo → PlaceOfExistence 4 IsTimeOfExistenceInPlace → IsReciprocalOf → IsPlaceOfExistenceAtTime |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsTimeOfMakingBy The RelatingTerm between TimeOfMaking and Maker in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfMakingBy → IsReciprocalOf → IsMakerAtTime 2 IsTimeOfMakingBy → IsRelatingTermBegottenBy → Make 3 IsTimeOfMakingBy → IsRelatingTermFrom → TimeOfMaking 4 IsTimeOfMakingBy → IsRelatingTermTo → Maker 5 IsTimeOfMakingBy → IsTypeOf → IsTimeOfDoingBy |
| IsTimeOfMakingIn The RelatingTerm between TimeOfMaking and MakingEvent in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfMakingIn → IsReciprocalOf → icoTimeOfMaking 2 IsTimeOfMakingIn → IsRelatingTermBegottenBy → Make 3 IsTimeOfMakingIn → IsRelatingTermFrom → TimeOfMaking 4 IsTimeOfMakingIn → IsRelatingTermTo → MakingEvent 5 IsTimeOfMakingIn → IsTypeOf → IsTimeOfEventIn |
| IsTimeOfMakingInPlace The RelatingTerm between TimeOfMaking and PlaceOfMaking in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfMakingInPlace → IsRelatingTermBegottenBy → Make 2 IsTimeOfMakingInPlace → IsRelatingTermFrom → TimeOfMaking 3 IsTimeOfMakingInPlace → IsRelatingTermTo → PlaceOfMaking 4 IsTimeOfMakingInPlace → IsReciprocalOf → IsPlaceOfMakingAtTime 5 IsTimeOfMakingInPlace → IsTypeOf → IsTimeOfEventInPlace |
| IsTimeOfMakingOf The RelatingTerm between TimeOfMaking and Output in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfMakingOf → IsReciprocalOf → IsMadeAtTime 2 IsTimeOfMakingOf → IsRelatingTermBegottenBy → Make 3 IsTimeOfMakingOf → IsRelatingTermFrom → TimeOfMaking 4 IsTimeOfMakingOf → IsRelatingTermTo → Output 5 IsTimeOfMakingOf → IsTypeOf → IsTimeOfBeingDoneToOf |
| IsTimeOfMakingWithTool The RelatingTerm between TimeOfMaking and MakingTool in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfMakingWithTool → IsReciprocalOf → IsMakingToolAtTime 2 IsTimeOfMakingWithTool → IsRelatingTermBegottenBy → Make 3 IsTimeOfMakingWithTool → IsRelatingTermFrom → TimeOfMaking 4 IsTimeOfMakingWithTool → IsRelatingTermTo → MakingTool 5 IsTimeOfMakingWithTool → IsTypeOf → IsTimeOfDoingWithTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsTimeOfPossessionBy The RelatingTerm between TimeOfSituation and Possessor in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfPossessionBy → IsReciprocalOf → HasTimeOfPossession 2 IsTimeOfPossessionBy → IsRelatingTermBegottenBy → Situation 3 IsTimeOfPossessionBy → IsRelatingTermFrom → TimeOfSituation 4 IsTimeOfPossessionBy → IsRelatingTermTo → Possessor 5 IsTimeOfPossessionBy → IsTypeOf → IsTimeOfActingBy <i>Type(s)</i> 1 IsTimeOfPossessionBy → HasType → IsTimeOf |
| IsTimeOfPossessionIn The RelatingTerm between TimeOfSituation and Situation in the Situation ContextFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeOfPossessionIn → IsReciprocalOf → icoTimeOfSituation 2 IsTimeOfPossessionIn → IsRelatingTermBegottenBy → Situation 3 IsTimeOfPossessionIn → IsRelatingTermFrom → TimeOfSituation 4 IsTimeOfPossessionIn → IsRelatingTermTo → Situation 5 IsTimeOfPossessionIn → IsTypeOf → IsTimeIn <i>Type(s)</i> 1 IsTimeOfPossessionIn → HasType → IsTimeOfExistenceIn |
| IsTimeTypeBegottenBy The RelatingTerm from a TimeType to an ActType or ContextType from which it is Begotten. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeTypeBegottenBy → IsReciprocalOf → BegetsTimeType 2 IsTimeTypeBegottenBy → IsTypeOf → IsBegottenBy 3 IsTimeTypeBegottenBy → IsRelatingTermFrom → TimeType 4 IsTimeTypeBegottenBy → IsRelatingTermTo → Begetter |
| IsTimeTypeOf The RelatingTerm from a TimeType to the ContextType which happens in relation to it. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTimeTypeOf → IsReciprocalOf → HasTimeType 2 IsTimeTypeOf → IsTypeOf → IsAttributeOf 3 IsTimeTypeOf → IsRelatingTermFrom → TimeType 4 IsTimeTypeOf → IsRelatingTermTo → ContextType |
| IsToolForDoingAtTime The RelatingTerm between ToolForDoing and TimeOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsToolForDoingAtTime → IsRelatingTermBegottenBy → Do 2 IsToolForDoingAtTime → IsRelatingTermFrom → ToolForDoing 3 IsToolForDoingAtTime → IsRelatingTermTo → TimeOfEvent 4 IsToolForDoingAtTime → IsReciprocalOf → IsTimeOfDoingWithTool <i>Type(s)</i> 1 IsToolForDoingAtTime → HasType → IsMakingToolAtTime |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| IsToolForDoingBy The RelatingTerm between ToolForDoing and Doer in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsToolForDoingBy → IsReciprocalOf → IsDoerWithTool 2 IsToolForDoingBy → IsRelatingTermBegottenBy → Do 3 IsToolForDoingBy → IsRelatingTermFrom → ToolForDoing 4 IsToolForDoingBy → IsRelatingTermTo → Doer <i>Type(s)</i> 1 IsToolForDoingBy → HasType → IsToolForMakingBy |
| IsToolForDoingIn The RelatingTerm between ToolForDoing and Event in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsToolForDoingIn → IsReciprocalOf → icoToolForDoing 2 IsToolForDoingIn → IsRelatingTermBegottenBy → Do 3 IsToolForDoingIn → IsRelatingTermFrom → ToolForDoing 4 IsToolForDoingIn → IsRelatingTermTo → Event <i>Type(s)</i> 1 IsToolForDoingIn → HasType → IsMakingToolIn |
| IsToolForDoingInPlace The RelatingTerm between ToolForDoing and PlaceOfEvent in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsToolForDoingInPlace → IsRelatingTermBegottenBy → Do 2 IsToolForDoingInPlace → IsRelatingTermFrom → ToolForDoing 3 IsToolForDoingInPlace → IsRelatingTermTo → PlaceOfEvent 4 IsToolForDoingInPlace → IsReciprocalOf → IsPlaceOfDoingWithTool <i>Type(s)</i> 1 IsToolForDoingInPlace → HasType → IsMakingToolInPlace |
| IsToolForDoingTo The RelatingTerm between ToolForDoing and Patient in the Do ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsToolForDoingTo → IsReciprocalOf → IsDoneWithTool 2 IsToolForDoingTo → IsRelatingTermBegottenBy → Do 3 IsToolForDoingTo → IsRelatingTermFrom → ToolForDoing 4 IsToolForDoingTo → IsRelatingTermTo → Patient <i>Type(s)</i> 1 IsToolForDoingTo → HasType → IsToolForMakingOf |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| IsToolForMakingBy The RelatingTerm between MakingTool and Maker in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsToolForMakingBy → IsReciprocalOf → IsMakerWithTool 2 IsToolForMakingBy → IsRelatingTermBegottenBy → Make 3 IsToolForMakingBy → IsRelatingTermFrom → MakingTool 4 IsToolForMakingBy → IsRelatingTermTo → Maker 5 IsToolForMakingBy → IsTypeOf → IsToolForDoingBy |
| IsToolForMakingOf The RelatingTerm between MakingTool and Output in the Make ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsToolForMakingOf → IsReciprocalOf → IsMadeWithTool 2 IsToolForMakingOf → IsRelatingTermBegottenBy → Make 3 IsToolForMakingOf → IsRelatingTermFrom → MakingTool 4 IsToolForMakingOf → IsRelatingTermTo → Output 5 IsToolForMakingOf → IsTypeOf → IsToolForDoingTo |
| IsTransformationOf The RelatingTerm between Transformation and SourceOfTransformation in the Transform ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTransformationOf → IsRelatingTermBegottenBy → Transform 2 IsTransformationOf → IsRelatingTermFrom → Transformation 3 IsTransformationOf → IsRelatingTermTo → SourceOfTransformation 4 IsTransformationOf → IsReciprocalOf → HasTransformation 5 IsTransformationOf → IsTypeOf → IsAdaptationOf <i>Type(s)</i> 1 IsTransformationOf → HasType → IsTranslationOf |
| IsTransformedBy The RelatingTerm between Transformation and Transformer in the Transform ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTransformedBy → IsReciprocalOf → IsTransformerOf 2 IsTransformedBy → IsRelatingTermBegottenBy → Transform 3 IsTransformedBy → IsRelatingTermFrom → Transformation 4 IsTransformedBy → IsRelatingTermTo → Transformer 5 IsTransformedBy → IsTypeOf → IsAdaptedBy <i>Type(s)</i> 1 IsTransformedBy → HasType → IsTranslatedBy |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsTransformerOf The RelatingTerm between Transformer and Transformation in the Transform ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTransformerOf → IsRelatingTermBegottenBy → Transform 2 IsTransformerOf → IsRelatingTermFrom → Transformer 3 IsTransformerOf → IsRelatingTermTo → Transformation 4 IsTransformerOf → IsReciprocalOf → IsTransformedBy 5 IsTransformerOf → IsTypeOf → IsAdaptorOf <i>Type(s)</i> 1 IsTransformerOf → HasType → IsTranslatorOf |
| IsTranslatedBy The RelatingTerm between Translation and Translator in the Translate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTranslatedBy → IsReciprocalOf → IsTranslatorOf 2 IsTranslatedBy → IsRelatingTermBegottenBy → Translate 3 IsTranslatedBy → IsRelatingTermFrom → Translation 4 IsTranslatedBy → IsRelatingTermTo → Translator 5 IsTranslatedBy → IsTypeOf → IsTransformedBy |
| IsTranslatorOf The RelatingTerm between Translator and Translation in the Translate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTranslatorOf → IsRelatingTermBegottenBy → Translate 2 IsTranslatorOf → IsRelatingTermFrom → Translator 3 IsTranslatorOf → IsRelatingTermTo → Translation 4 IsTranslatorOf → IsReciprocalOf → IsTranslatedBy 5 IsTranslatorOf → IsTypeOf → IsTransformerOf |
| IsTranslationOf The RelatingTerm between Translation and SourceOfTranslation in the Translate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTranslationOf → IsRelatingTermBegottenBy → Translate 2 IsTranslationOf → IsRelatingTermFrom → Translation 3 IsTranslationOf → IsRelatingTermTo → SourceOfTranslation 4 IsTranslationOf → IsReciprocalOf → HasTranslation 5 IsTranslationOf → IsTypeOf → IsTransformationOf |
| IsTypeOf The RelatingTerm between Type and Archetype in the Specialize ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsTypeOf → IsReciprocalOf → HasType 2 IsTypeOf → IsRelatingTermBegottenBy → Specialize 3 IsTypeOf → IsRelatingTermFrom → Type 4 IsTypeOf → IsRelatingTermTo → Archetype 5 IsTypeOf → IsTypeOf → IsAscriptionTo |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| IsValueOf The RelatingTerm between Value and EvaluatedResource in the Evaluate ActionFamily. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 IsValueOf → IsRelatingTermBegottenBy → Evaluate 2 IsValueOf → IsRelatingTermFrom → Value 3 IsValueOf → IsRelatingTermTo → EvaluatedResource 4 IsValueOf → IsReciprocalOf → HasValue 5 IsValueOf → IsTypeOf → IsAscriptionTo <i>Type(s)</i> 1 IsValueOf → HasType → IsAllowedValueOf |
| Language A natural language in which the Lexical elements of a Manifestation can be Expressed. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Language → IsTypeOf → Form <i>Type(s)</i> 1 Language → HasType → CommonDescriptionLanguage |
| Lexical Of an Entity comprised of words (in whole or in part). | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Lexical → IsAllowedValueOf → Form |
| Made The HistoricQuality of Output. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Made → IsQualityTypeBegottenBy → MakingEvent 2 Made → IsHistoricQualityOf → Output 3 Made → IsTypeOf → Done <i>Type(s)</i> 1 Made → HasType → Original 2 Made → HasType → Expressed 3 Made → HasType → Conceived 4 Made → HasType → Derived |
| Make To bring a Resource into Existence. <i>Scope of Make</i> <i>Make</i> is the parent for all ActTypes which result in something coming into Existence. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Make → IsTypeOf → Do 2 Make → IsOpposedTo → InteractWith <i>Type(s)</i> 1 Make → HasType → Originate 2 Make → HasType → Express 3 Make → HasType → Conceive 4 Make → HasType → Derive <i>ActionFamily</i> |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| | 1 Make → BegetsContextType → MakingEvent 2 Make → BegetsAgentType → Maker 3 Make → BegetsResourceType → Output 4 Make → BegetsResourceType → MakingTool 5 Make → BegetsTimeType → TimeOfMaking 6 Make → BegetsPlaceType → PlaceOfMaking 7 Make → BegetsRelatingTerm → icoMaker 8 Make → BegetsRelatingTerm → IsMakerIn 9 Make → BegetsRelatingTerm → icoOutput 10 Make → BegetsRelatingTerm → IsOutputIn 11 Make → BegetsRelatingTerm → icoMakingTool 12 Make → BegetsRelatingTerm → IsMakingToolIn 13 Make → BegetsRelatingTerm → icoTimeOfMaking 14 Make → BegetsRelatingTerm → IsTimeOfMakingIn 15 Make → BegetsRelatingTerm → icoPlaceOfMaking 16 Make → BegetsRelatingTerm → IsPlaceOfMakingIn 17 Make → BegetsRelatingTerm → HasCo-Maker 18 Make → BegetsRelatingTerm → IsMakerOf 19 Make → BegetsRelatingTerm → IsMadeBy 20 Make → BegetsRelatingTerm → IsMakerWithTool 21 Make → BegetsRelatingTerm → IsToolForMakingBy 22 Make → BegetsRelatingTerm → IsMakerAtTime 23 Make → BegetsRelatingTerm → IsTimeOfMakingBy 24 Make → BegetsRelatingTerm → IsMakerInPlace 25 Make → BegetsRelatingTerm → IsPlaceOfMakingBy 26 Make → BegetsRelatingTerm → HasCo-Output 27 Make → BegetsRelatingTerm → IsMadeWithTool 28 Make → BegetsRelatingTerm → IsToolForMakingOf 29 Make → BegetsRelatingTerm → IsMadeAtTime 30 Make → BegetsRelatingTerm → IsTimeOfMakingOf 31 Make → BegetsRelatingTerm → IsMadeInPlace 32 Make → BegetsRelatingTerm → IsPlaceOfMakingOf 33 Make → BegetsRelatingTerm → HasCo-ToolForMaking 34 Make → BegetsRelatingTerm → IsMakingToolAtTime 35 Make → BegetsRelatingTerm → IsTimeOfMakingWithTool 36 Make → BegetsRelatingTerm → IsMakingToolInPlace 37 Make → BegetsRelatingTerm → IsPlaceOfMakingWithTool 38 Make → BegetsRelatingTerm → HasCo-TimeOfMaking 39 Make → BegetsRelatingTerm → IsTimeOfMakingInPlace 40 Make → BegetsRelatingTerm → IsPlaceOfMakingAtTime 41 Make → BegetsRelatingTerm → HasCo-PlaceOfMaking |
| Makeable The PotentialQuality of Output. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Makeable → IsQualityTypeBegottenBy → MakingEvent 2 Makeable → IsPotentialQualityOf → Output 3 Makeable → IsTypeOf → Doable |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Maker An Agent that Makes. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Maker → IsAgentTypeBegottenBy → Make 2 Maker → IsTypeOf → Doer <i>Type(s)</i> 1 Maker → HasType → Originator 2 Maker → HasType → Expresser 3 Maker → HasType → Conceiver 4 Maker → HasType → Deriver |
| MakeSet To Aggregate a Set. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 MakeSet → IsTypeOf → Aggregate <i>ActionFamily</i> 1 MakeSet → BegetsContextType → SetMakingEvent 2 MakeSet → BegetsAgentType → SetMaker 3 MakeSet → BegetsResourceType → Set 4 MakeSet → BegetsResourceType → Member 5 MakeSet → BegetsResourceType → SetMakingTool 6 MakeSet → BegetsTimeType → TimeOfSetMaking 7 MakeSet → BegetsPlaceType → PlaceOfSetMaking 8 MakeSet → BegetsPlaceType → PlaceOfSetMakingFrom 9 MakeSet → BegetsPlaceType → PlaceOfSetMakingTo 10 MakeSet → BegetsRelatingTerm → HasMember 11 MakeSet → BegetsRelatingTerm → IsMemberOf |
| Making The PresentQuality of Maker. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Making → IsQualityTypeBegottenBy → MakingEvent 2 Making → IsPresentQualityOf → Maker 3 Making → IsTypeOf → Doing |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| MakingEvent An Event in which a Resource is Made. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 MakingEvent → IsContextTypeBegottenBy → Make 2 MakingEvent → IsTypeOf → Event <i>Type(s)</i> 1 MakingEvent → HasType → OriginatingEvent 2 MakingEvent → HasType → Expression 3 MakingEvent → HasType → Conception 4 MakingEvent → HasType → DerivingEvent <i>ContextDescription</i> 1 MakingEvent → HasActType → Make[occ:1] 2 MakingEvent → HasAgentType → Maker[occ:1-n] 3 MakingEvent → HasResourceType → Output[#1.n][occ:1-n] 4 MakingEvent → HasResourceType → MakingTool[occ:0-n] 5 MakingEvent → HasTimeType → TimeOfMaking[#2.n][occ:1-n] 6 MakingEvent → HasPlaceType → PlaceOfMaking[#3.n][occ:1-n] 7 MakingEvent → HasStateType → Existence[#4.n][occ:1-n] 8 [#4.n] → icoExistent → [#1.n] 9 [#4.n] → icoExistenceStartTime → [#2.n] 10 [#4.n] → icoPlaceOfExistence → [#3.n] <i>ContextFamily</i> 1 MakingEvent → BegetsStateType → Existence 2 MakingEvent → BegetsQualityType → Making 3 MakingEvent → BegetsQualityType → Made 4 MakingEvent → BegetsQualityType → BeingMade 5 MakingEvent → BegetsQualityType → Makeable |
| MakingTool A Tool Used to Make. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 MakingTool → IsResourceTypeBegottenBy → Make 2 MakingTool → IsTypeOf → ToolForDoing <i>Type(s)</i> 1 MakingTool → HasType → OriginatingTool 2 MakingTool → HasType → ExpressingTool 3 MakingTool → HasType → ConceivingTool 4 MakingTool → HasType → DerivingTool |

| | |
|---|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| Manifestation A Perceivable Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Manifestation → IsResourceTypeBegottenBy → Express 2 Manifestation → IsTypeOf → Output 3 Manifestation → HasComponent → Derivation[true:Sometimes] 4 Manifestation → Is → Perceivable <i>Type(s)</i> 1 Manifestation → HasType → Performance 2 Manifestation → HasType → Fixation 3 Manifestation → HasType → Utterance 4 Manifestation → HasType → Rendition |
| MappedTerm A Term under an Authority other than the RddAuthority, which has an RddIdentifier and at least one Relationship with a Term other than an IsolatedTerm. <i>Criteria for establishing Mapped Terms</i> A <i>MappedTerm</i> has a <i>Genealogy</i> but does not meet the criteria for <i>AdoptedTerms</i> , <i>NativeTerms</i> or <i>StandardizedTerms</i> . MappedTerms originate from Authorities other than RddAuthority, and typically occur under just one Authority. A Term under two or more non-RDD Authorities normally becomes a NativeTerm, but this is not mandatory, to allow for the mapping of highly localized, proprietary or restricted Terms to one another. <i>Genealogy of MappedTerms</i> A <i>Genealogy</i> of a <i>MappedTerm</i> shall contain at least one primary <i>Genealogy Relationship</i> that is not constrained by the Precision value of Approximate. This is to support the mapping of Terms in both ""Tentative"" and ""Definite"" ways. For example, a Term ""foo:Writer"" may be similar to, but not exactly the same as, ""Author"". If Author is a Type of Maker, then the following pair of Relationships may be given as the <i>Genealogy</i> for foo:Writer: 1 foo:Writer > IsTypeOf > Maker 2 foo:Writer > IsEqualTo > Author [prec:Approximate] | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 MappedTerm → IsTypeOf → Term 2 MappedTerm → IsAllowedValueOf → TermStatus |
| Meaning An abstract element of significance represented in RDD by a Term. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Meaning → IsTypeOf → Abstraction <i>Type(s)</i> 1 Meaning → HasType → DerivedMeaning 2 Meaning → HasType → OriginalMeaning 3 Meaning → HasType → PartlyDerivedMeaning |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| MeaningType A Class of which every Type of Meaning is an Instance. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 MeaningType → IsTypeOf → Class |
| Measure To Ascribe a Quantity to a Resource. <i>Synonym(s)</i> : Quantify | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Measure → IsTypeOf → Ascribe <i>ActionFamily</i> 1 Measure → BegetsContextType → MeasuringEvent 2 Measure → BegetsAgentType → Measurer 3 Measure → BegetsResourceType → Quantity 4 Measure → BegetsResourceType → MeasuredResource 5 Measure → BegetsResourceType → MeasuringTool 6 Measure → BegetsResourceType → UnitOfMeasure 7 Measure → BegetsTimeType → TimeOfMeasuring 8 Measure → BegetsPlaceType → PlaceOfMeasuring |
| Measured The HistoricQuality of MeasuredResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Measured → IsQualityTypeBegottenBy → MeasuringEvent 2 Measured → IsHistoricQualityOf → MeasuredResource 3 Measured → IsTypeOf → AscribedTo |
| MeasuredResource A Resource to which a Quantity is Ascribed. <i>Synonym(s)</i> : QuantifiedResource | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 MeasuredResource → IsResourceTypeBegottenBy → Measure 2 MeasuredResource → IsTypeOf → AscribedResource |
| Measurer An Agent that Ascribes a Quantity to a Resource. <i>Synonym(s)</i> : Quantifier | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Measurer → IsAgentTypeBegottenBy → Measure 2 Measurer → IsTypeOf → Ascriber |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| MeasuringEvent An Event in which a Resource is Measured. <i>Synonym(s):</i> QuantifyingEvent | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 MeasuringEvent → IsContextTypeBegottenBy → Measure 2 MeasuringEvent → IsTypeOf → AscribingEvent <i>ContextDescription</i> 1 MeasuringEvent → HasActType → Measure[occ:1] 2 MeasuringEvent → HasAgentType → Measurer[occ:1-n] 3 MeasuringEvent → HasResourceType → Quantity[occ:1-n] 4 MeasuringEvent → HasResourceType → MeasuredResource[occ:1-n] 5 MeasuringEvent → HasResourceType → MeasuringTool[occ:0-n] 6 MeasuringEvent → HasResourceType → UnitOfMeasure[occ:1] 7 MeasuringEvent → HasTimeType → TimeOfMeasuring[occ:1-n] 8 MeasuringEvent → HasPlaceType → PlaceOfMeasuring[occ:1-n] <i>ContextFamily</i> 1 MeasuringEvent → BegetsQualityType → Measured |
| MeasuringTool A Tool Used to Measure. <i>Synonym(s):</i> QuantifyingTool | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 MeasuringTool → IsResourceTypeBegottenBy → Measure 2 MeasuringTool → IsTypeOf → AscribingTool |
| Member A Resource which is put into a Set. | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 Member → IsResourceTypeBegottenBy → MakeSet 2 Member → IsTypeOf → Component |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Modification An Event in which a Resource is Modified. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Modification → IsContextTypeBegottenBy → Modify 2 Modification → IsTypeOf → ChangingEvent <i>Type(s)</i> 1 Modification → HasType → Enlargement 2 Modification → HasType → Reduction 3 Modification → HasType → Movement <i>ContextDescription</i> 1 Modification → HasActType → Modify[occ:1] 2 Modification → HasAgentType → Modifier[occ:1-n] 3 Modification → HasResourceType → ModifiedResource[occ:1-n] 4 Modification → HasResourceType → ModifyingTool[occ:0-n] 5 Modification → HasTimeType → TimeOfModifying[occ:1-n] 6 Modification → HasPlaceType → PlaceOfModifying[occ:1-n] <i>ContextFamily</i> 1 Modification → BegetsQualityType → Modified |
| Modified The HistoricQuality of ModifiedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Modified → IsQualityTypeBegottenBy → Modification 2 Modified → IsHistoricQualityOf → ModifiedResource 3 Modified → IsTypeOf → Changed <i>Type(s)</i> 1 Modified → HasType → Enlarged 2 Modified → HasType → Reduced 3 Modified → HasType → Moved |
| ModifiedResource A Resource which is Modified. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ModifiedResource → IsResourceTypeBegottenBy → Modify 2 ModifiedResource → IsTypeOf → ChangedResource <i>Type(s)</i> 1 ModifiedResource → HasType → EnlargedResource 2 ModifiedResource → HasType → ReducedResource 3 ModifiedResource → HasType → MovedResource |

| | |
|---|--|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| Modifier An Agent that Modifies a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Modifier → IsAgentTypeBegottenBy → Modify 2 Modifier → IsTypeOf → Changer <i>Type(s)</i> 1 Modifier → HasType → Enlarger 2 Modifier → HasType → Reducer 3 Modifier → HasType → Mover |
| Modify To Change a Resource, preserving the alterations made. <i>Synonym(s)</i> : PermanentlyChange <i>Scope of Modify</i> With <i>Modify</i> , a single Resource is preserved at the end of the process (that is, no additional Resource(s) come into existence). Changes may include the addition and removal of elements of the original Resource, including the Embedding of other Resources within it. <i>Types of Modify in the MPEG21 REL</i> Specializations of <i>Modify</i> may differentiate themselves by requiring specific attributes of the Resource to be preserved or changed. In the MPEG21 REL these specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Modify → IsTypeOf → Change 2 Modify → IsOpposedTo → ChangeTransiently <i>Type(s)</i> 1 Modify → HasType → Enlarge 2 Modify → HasType → Reduce 3 Modify → HasType → Move <i>ActionFamily</i> 1 Modify → BegetsContextType → Modification 2 Modify → BegetsAgentType → Modifier 3 Modify → BegetsResourceType → ModifiedResource 4 Modify → BegetsResourceType → ModifyingTool 5 Modify → BegetsTimeType → TimeOfModifying 6 Modify → BegetsPlaceType → PlaceOfModifying |
| ModifyingTool A Tool Used to Modify. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ModifyingTool → IsResourceTypeBegottenBy → Modify 2 ModifyingTool → IsTypeOf → ChangingTool <i>Type(s)</i> 1 ModifyingTool → HasType → EnlargingTool 2 ModifyingTool → HasType → ReducingTool 3 ModifyingTool → HasType → MovingTool |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|--|
| Move To relocate a Resource from one Place to another. <i>Scope of Move</i> When <i>Move</i> is applied to a Resource, at least its location is Changed. <i>Types of Move in the MPEG21 REL</i> Specializations of <i>Move</i> may differentiate themselves by requiring specific attributes of the Resource to be preserved or changed in the process of Moving. In the MPEG21 REL these specific attributes may be on a list or may be called out by using a list. Lists may be inclusive (for example, "Attributes a and b must be changed") or exclusive (for example, "Everything except attributes c and d must be changed"). Attributes that are not constrained in specializations may be changed. | MeaningType: PartlyDerived Genealogy 1 Move → IsTypeOf → Modify ActionFamily 1 Move → BegetsContextType → Movement 2 Move → BegetsAgentType → Mover 3 Move → BegetsResourceType → MovedResource 4 Move → BegetsResourceType → MovingTool 5 Move → BegetsTimeType → TimeOfMoving 6 Move → BegetsPlaceType → PlaceOfMoving 7 Move → BegetsPlaceType → Origin 8 Move → BegetsPlaceType → Destination 9 Move → BegetsPlaceType → PlaceOfMovingThrough |
| Moved The HistoricQuality of MovedResource. | MeaningType: Derived Genealogy 1 Moved → IsQualityTypeBegottenBy → Movement 2 Moved → IsHistoricQualityOf → MovedResource 3 Moved → IsTypeOf → Modified |
| MovedResource A Resource which is relocated from one Place to another. <i>Scope of MovedResource</i> A <i>MovedResource</i> may be anything whose location is changed by an Agent, including the Mover (that is, the Value of the Mover and MovedResource may be the same, and so <i>Move</i> allows an Agent to Move itself). | MeaningType: PartlyDerived Genealogy 1 MovedResource → IsResourceTypeBegottenBy → Move 2 MovedResource → IsTypeOf → ModifiedResource |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Movement An Event in which a Resource is Moved. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Movement → IsContextTypeBegottenBy → Move 2 Movement → IsTypeOf → Modification <i>ContextDescription</i> 1 Movement → HasActType → Move[occ:1] 2 Movement → HasAgentType → Mover[occ:1-n] 3 Movement → HasResourceType → MovedResource[occ:1-n] 4 Movement → HasResourceType → MovingTool[occ:0-n] 5 Movement → HasTimeType → TimeOfMoving[occ:1-n] 6 Movement → HasPlaceType → PlaceOfMoving[#1.n][occ:1-n] 7 Movement → HasPlaceType → Origin[#2.n][occ:0-n] 8 [#2.n] → IsPartOf → [#1.n] 9 Movement[#1] → HasPlaceType → Destination[#3.n][occ:0-n] 10 [#3.n] → IsEqualTo → [#2.n][occ:0-n][true:Never] 11 [#3.n] → IsPartOf → [#1.n] 12 Movement[#1] → HasPlaceType → PlaceOfMovingThrough[#4.n][occ:0-n] 13 [#4.n] → IsPartOf → [#1.n] <i>ContextFamily</i> 1 Movement → BegetsQualityType → Moved |
| Mover An Agent that Moves. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Mover → IsAgentTypeBegottenBy → Move 2 Mover → IsTypeOf → Modifier |
| MovingTool A Tool Used in Moving. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 MovingTool → IsResourceTypeBegottenBy → Move 2 MovingTool → IsTypeOf → ModifyingTool |
| Name A label which makes a Resource referable. <i>Synonym(s)</i> : Nomination | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Name → IsResourceTypeBegottenBy → Nominate 2 Name → IsTypeOf → Ascription <i>Type(s)</i> 1 Name → HasType → Identifier 2 Name → HasType → TermName 3 Name → HasType → PrimaryName 4 Name → HasType → AlternativeName |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Named The HistoricQuality of Entity. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Named → IsQualityTypeBegottenBy → NamingEvent 2 Named → IsHistoricQualityOf → Entity 3 Named → IsTypeOf → AscribedTo <i>Type(s)</i> 1 Named → HasType → Identified |
| Namer An Agent that Nominates. <i>Synonym(s)</i> : Nominator | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Namer → IsAgentTypeBegottenBy → Nominate 2 Namer → IsTypeOf → Ascriber <i>Type(s)</i> 1 Namer → HasType → IdentifyingAgent |
| NamingEvent An Event in which a Resource is Named. <i>Synonym(s)</i> : NominatingEvent | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 NamingEvent → IsContextTypeBegottenBy → Nominate 2 NamingEvent → IsTypeOf → AscribingEvent <i>Type(s)</i> 1 NamingEvent → HasType → IdentifyingEvent <i>ContextDescription</i> 1 NamingEvent → HasActType → Nominate[occ:1] 2 NamingEvent → HasAgentType → Namer[occ:1-n] 3 NamingEvent → HasResourceType → Name[occ:1-n] 4 NamingEvent → HasResourceType → Entity[occ:1-n] 5 NamingEvent → HasResourceType → NamingTool[occ:0-n] 6 NamingEvent → HasTimeType → TimeOfNaming[occ:1-n] 7 NamingEvent → HasPlaceType → PlaceOfNaming[occ:1-n] <i>ContextFamily</i> 1 NamingEvent → BegetsQualityType → Named |
| NamingTool A Tool with which something is Named. <i>Synonym(s)</i> : NominatingTool | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 NamingTool → IsResourceTypeBegottenBy → Nominate 2 NamingTool → IsTypeOf → AscribingTool <i>Type(s)</i> 1 NamingTool → HasType → IdentifyingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| NativeTerm A Term other than a <i>StandardizedTerm</i> that has an <i>RddAuthorized Headword</i> and an <i>RddDefinition</i> . <i>NativeTerm and StandardizedTerm</i> <i>NativeTerms</i> are established by the RDD Registration Authority rather than explicitly by the RDD Standard, but otherwise have the same properties as <i>StandardizedTerms</i> . <i>Criteria for establishing Native Terms</i> A Term shall have an <i>RddAuthorized Headword</i> and <i>RddDefinition</i> when it is Begotten from another <i>NativeTerm</i> , or inherits Meaning from another <i>NativeTerm</i> or <i>StandardizedTerm</i> without reliance upon non-RDD qualifications. A Term may also be given an <i>RddAuthorized Headword</i> and <i>RddDefinition</i> when it has Headwords registered by two or more Authorities. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 <i>NativeTerm</i> → <i>IsTypeOf</i> → <i>Term</i> 2 <i>NativeTerm</i> → <i>IsAllowedValueOf</i> → <i>TermStatus</i> 3 <i>NativeTerm</i> → <i>Has</i> → <i>RddDefinition</i> [occ:1] |
| Never Of something that is never True. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 <i>Never</i> → <i>IsAllowedValueOf</i> → <i>Reliability</i> |
| Nominate To make a Resource referable to. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 <i>Nominate</i> → <i>IsTypeOf</i> → <i>Ascribe</i> <i>Type(s)</i> 1 <i>Nominate</i> → <i>HasType</i> → <i>Identify</i> <i>ActionFamily</i> 1 <i>Nominate</i> → <i>BegetsContextType</i> → <i>NamingEvent</i> 2 <i>Nominate</i> → <i>BegetsAgentType</i> → <i>Namer</i> 3 <i>Nominate</i> → <i>BegetsResourceType</i> → <i>Name</i> 4 <i>Nominate</i> → <i>BegetsResourceType</i> → <i>Entity</i> 5 <i>Nominate</i> → <i>BegetsResourceType</i> → <i>NamingTool</i> 6 <i>Nominate</i> → <i>BegetsTimeType</i> → <i>TimeOfNaming</i> 7 <i>Nominate</i> → <i>BegetsPlaceType</i> → <i>PlaceOfNaming</i> 8 <i>Nominate</i> → <i>BegetsRelatingTerm</i> → <i>IsNameOf</i> 9 <i>Nominate</i> → <i>BegetsRelatingTerm</i> → <i>HasName</i> |
| Numerical Of an Entity comprised of numbers (in whole or in part). | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 <i>Numerical</i> → <i>IsTypeOf</i> → <i>Form</i> |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| ObjectTerm The third of the three Terms in a Relationship, being the object of the RelatingTerm. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 ObjectTerm → IsTypeOf → Term 2 ObjectTerm → IsAttributeOf → Relationship |
| ObjectValue The Value Ascribed to an ObjectTerm in a Relationship. <i>Form of ObjectValue</i> Values may be other Terms, Enumerators of Relationships, strings, integers or ArbitraryValues. Where an <i>ObjectValue</i> is not ascribed in a Relationship, the ObjectTerm shall be presumed to represent all possible Values of its Type. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 ObjectValue → IsTypeOf → Value 2 ObjectValue → IsAttributeOf → Relationship |
| Occurrence The Count of possible instances of a Class in a particular Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Occurrence → IsTypeOf → Count |
| OpenAccess Of a Term or TermAttribute which may be accessed by any RddUser. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 OpenAccess → IsAllowedValueOf → AccessStatus |
| Oppose To Relate Opposites. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Oppose → IsTypeOf → Relate 2 Oppose → IsOpposedTo → Equate <i>ActionFamily</i> 1 Oppose → BegetsContextType → OpposingEvent 2 Oppose → BegetsAgentType → Opposer 3 Oppose → BegetsResourceType → Opposite 4 Oppose → BegetsResourceType → OpposingTool 5 Oppose → BegetsTimeType → TimeOfOpposing 6 Oppose → BegetsPlaceType → PlaceOfOpposing 7 Oppose → BegetsRelatingTerm → IsOpposedTo |
| Opposed The HistoricQuality of Opposite. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Opposed → IsQualityTypeBegottenBy → OpposingEvent 2 Opposed → IsHistoricQualityOf → Opposite 3 Opposed → IsTypeOf → Related |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Opposer An Agent that Opposes two or more Resources. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Opposer → IsAgentTypeBegottenBy → Oppose 2 Opposer → IsTypeOf → Relator |
| OpposingEvent An Event in which Resources are Opposed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 OpposingEvent → IsContextTypeBegottenBy → Oppose 2 OpposingEvent → IsTypeOf → RelatingEvent <i>ContextDescription</i> 1 OpposingEvent → HasActType → Oppose[occ:1] 2 OpposingEvent → HasAgentType → Opposer[occ:1-n] 3 OpposingEvent → HasResourceType → Opposite[occ:2-n] 4 OpposingEvent → HasResourceType → OpposingTool[occ:0-n] 5 OpposingEvent → HasTimeType → TimeOfOpposing[occ:1-n] 6 OpposingEvent → HasPlaceType → PlaceOfOpposing[occ:1-n] <i>ContextFamily</i> 1 OpposingEvent → BegetsQualityType → Opposed |
| OpposingTool A Tool with which Resources are Opposed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 OpposingTool → IsResourceTypeBegottenBy → Oppose 2 OpposingTool → IsTypeOf → RelatingTool |
| Opposite One of two Resources which have incompatible Attributes. <i>Occurrences of Opposite</i> If more than two <i>Opposites</i> occur, then each is an Opposite of every other one (that is, a one-to-one <i>IsOpposedTo</i> Relationship exists for every pair of Opposites in an OpposingEvent). | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Opposite → IsResourceTypeBegottenBy → Oppose 2 Opposite → IsTypeOf → Relative |
| Origin A Place from which a Resource is Moved. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Origin → IsPlaceTypeBegottenBy → Move 2 Origin → IsTypeOf → PlaceOfModifying |
| Original The HistoricQuality of Origination. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Original → IsQualityTypeBegottenBy → OriginatingEvent 2 Original → IsHistoricQualityOf → Origination 3 Original → IsTypeOf → Made |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|--|
| OriginalMeaning A Meaning comprised entirely of semantic material introduced from outside of the RDD. <i>Scope Of OriginalMeaning</i> The FirstTerm Act is the only RddAuthorized Term with an <i>OriginalMeaning</i> . | MeaningType: PartlyDerived Genealogy 1 OriginalMeaning → IsTypeOf → Meaning 2 OriginalMeaning → Is → Original |
| Originate To Make an original Resource. <i>Scope of Originate</i> <i>Originate</i> means to Make something which does not acknowledge the Deriving of any of its content from an existing Output. <i>Originate and Derive</i> Originality is a subjective Quality and is therefore <i>Originate</i> is defined through its opposition to Derive. To describe something as <i>Original</i> in the RDD is to say that it acknowledges no pre-existing <i>Source</i> from which is it <i>Derived</i> . | MeaningType: PartlyDerived Genealogy 1 Originate → IsTypeOf → Make 2 Originate → IsOpposedTo → Derive Type(s) 1 Originate → HasType → Beget ActionFamily 1 Originate → BegetsContextType → OriginatingEvent 2 Originate → BegetsAgentType → Originator 3 Originate → BegetsResourceType → Origination 4 Originate → BegetsResourceType → OriginatingTool 5 Originate → BegetsTimeType → TimeOfOriginating 6 Originate → BegetsPlaceType → PlaceOfOriginating |
| OriginatingEvent An Event in which a Resource is Originated. | MeaningType: Derived Genealogy 1 OriginatingEvent → IsContextTypeBegottenBy → Originate 2 OriginatingEvent → IsTypeOf → MakingEvent Type(s) 1 OriginatingEvent → HasType → BegettingEvent ContextDescription 1 OriginatingEvent → HasActType → Originate[occ:1] 2 OriginatingEvent → HasAgentType → Originator[occ:1-n] 3 OriginatingEvent → HasResourceType → Origination[occ:1-n] 4 OriginatingEvent → HasResourceType → OriginatingTool[occ:0-n] 5 OriginatingEvent → HasTimeType → TimeOfOriginating[occ:1-n] 6 OriginatingEvent → HasPlaceType → PlaceOfOriginating[occ:1-n] ContextFamily 1 OriginatingEvent → BegetsQualityType → Original |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| OriginatingTool A Tool Used to Originate. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 OriginatingTool → IsResourceTypeBegottenBy → Originate 2 OriginatingTool → IsTypeOf → MakingTool <i>Type(s)</i> 1 OriginatingTool → HasType → BegettingTool |
| Origination A Resource that has not been Derived. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Origination → IsResourceTypeBegottenBy → Originate 2 Origination → IsTypeOf → Output 3 Origination → IsOpposedTo → Derivation <i>Type(s)</i> 1 Origination → HasType → BegottenTerm |
| Originator An Agent that Originates. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Originator → IsAgentTypeBegottenBy → Originate 2 Originator → IsTypeOf → Maker <i>Type(s)</i> 1 Originator → HasType → Begetter |
| Output A Resource that is brought into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Output → IsResourceTypeBegottenBy → Make 2 Output → IsTypeOf → Patient <i>Type(s)</i> 1 Output → HasType → Origination 2 Output → HasType → Manifestation 3 Output → HasType → Concept 4 Output → HasType → Derivation |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|---|
| Part Something which is contained within another Resource. <i>Scope of Part</i> A <i>Part</i> is something which is contained within something else in any way: for example, the nose of someone's face; a phrase within a melody; a paragraph in a book; a dimension of a figure; an incident in an event; an atom in a molecule; a fragment of a DigitalResource. <i>Component and Part</i> A <i>Component</i> is something out of which something is <i>Made</i> ; a <i>Part</i> is something which can be identified as being contained within something. Components must therefore be capable of separate existence; Parts need not. All Components become Parts, but not all Parts were ever Components. | MeaningType: PartlyDerived Genealogy 1 Part → IsResourceTypeBegottenBy → Partition 2 Part → IsTypeOf → Ascription |
| Partition To Ascribe one Resource to another as a Part. <i>Aggregate, Embed and Partition</i> <i>Aggregate</i> describes the process by which something (an <i>Aggregation</i>) comes into existence through the combination of two or more things (<i>Components</i>). <i>Embed</i> describes a process by which something (an <i>EmbeddedResource</i>) becomes a part of something else which already exists (a <i>Host</i>). <i>Partition</i> is an Ascriptive process whereby someone identifies the fact that something (a <i>Part</i>) is a part of something else (a <i>Whole</i>). Some Components are EmbeddedResources, and vice versa. All Components and EmbeddedResources are Parts, but not all Parts are Components or EmbeddedResources. | MeaningType: Derived Genealogy 1 Partition → IsTypeOf → Ascribe ActionFamily 1 Partition → BegetsContextType → PartitioningEvent 2 Partition → BegetsAgentType → Partitioner 3 Partition → BegetsResourceType → Part 4 Partition → BegetsResourceType → Whole 5 Partition → BegetsResourceType → PartitioningTool 6 Partition → BegetsTimeType → TimeOfPartitioning 7 Partition → BegetsPlaceType → PlaceOfPartitioning 8 Partition → BegetsRelatingTerm → IsPartOf 9 Partition → BegetsRelatingTerm → HasPart |
| Partitioned The HistoricQuality of Whole. | MeaningType: Derived Genealogy 1 Partitioned → IsQualityTypeBegottenBy → PartitioningEvent 2 Partitioned → IsHistoricQualityOf → Whole 3 Partitioned → IsTypeOf → AscribedTo |
| Partitioner An Agent that Partitions. | MeaningType: Derived Genealogy 1 Partitioner → IsAgentTypeBegottenBy → Partition 2 Partitioner → IsTypeOf → Ascriber |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| PartitioningEvent An Event in which a Resource is Partitioned. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PartitioningEvent → IsContextTypeBegottenBy → Partition 2 PartitioningEvent → IsTypeOf → AscribingEvent <i>ContextDescription</i> 1 PartitioningEvent → HasActType → Partition[occ:1] 2 PartitioningEvent → HasAgentType → Partitioner[occ:1-n] 3 PartitioningEvent → HasResourceType → Part[occ:1-n] 4 PartitioningEvent → HasResourceType → Whole[occ:1] 5 PartitioningEvent → HasResourceType → PartitioningTool[occ:0-n] 6 PartitioningEvent → HasTimeType → TimeOfPartitioning[occ:1-n] 7 PartitioningEvent → HasPlaceType → PlaceOfPartitioning[occ:1-n] <i>ContextFamily</i> 1 PartitioningEvent → BegetsQualityType → Partitioned |
| PartitioningTool A Tool Used to Partition. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PartitioningTool → IsResourceTypeBegottenBy → Partition 2 PartitioningTool → IsTypeOf → AscribingTool |
| PartlyDerivedMeaning A Meaning comprised of original semantic material, combined with one or more existing Meanings derived from related Terms | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 PartlyDerivedMeaning → IsTypeOf → Meaning |
| Patient A Resource to which something is Done. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Patient → IsResourceTypeBegottenBy → Do 2 Patient → IsTypeOf → Resource <i>Type(s)</i> 1 Patient → HasType → Output 2 Patient → HasType → Input |
| Perceivable The PotentialQuality of Percept. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Perceivable → IsQualityTypeBegottenBy → Perception 2 Perceivable → IsPotentialQualityOf → Percept 3 Perceivable → IsTypeOf → Usable |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Perceive To InteractWith a Resource with at least one of the five human senses. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Perceive → IsTypeOf → Use <i>ActionFamily</i> 1 Perceive → BegetsContextType → Perception 2 Perceive → BegetsAgentType → Perceiver 3 Perceive → BegetsResourceType → Percept 4 Perceive → BegetsResourceType → PerceivingTool 5 Perceive → BegetsTimeType → TimeOfPerception 6 Perceive → BegetsPlaceType → PlaceOfPerception |
| Perceived The HistoricQuality of Percept. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Perceived → IsQualityTypeBegottenBy → Perception 2 Perceived → IsHistoricQualityOf → Percept 3 Perceived → IsTypeOf → Used |
| Perceiver An Agent that Perceives. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Perceiver → IsAgentTypeBegottenBy → Perceive 2 Perceiver → IsTypeOf → User |
| PerceivingTool A Tool Used to Perceive. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PerceivingTool → IsResourceTypeBegottenBy → Perceive 2 PerceivingTool → IsTypeOf → UsingTool |
| Percept A Resource that is Perceived. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Percept → IsResourceTypeBegottenBy → Perceive 2 Percept → IsTypeOf → UsedResource |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Perception An Event in which a Resource is Perceived. <i>Synonym(s)</i> : PerceivingEvent | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Perception → IsContextTypeBegottenBy → Perceive 2 Perception → IsTypeOf → Usage <i>ContextDescription</i> 1 Perception → HasActType → Perceive[occ:1] 2 Perception → HasAgentType → Perceiver[occ:1-n] 3 Perception → HasResourceType → Percept[occ:1-n] 4 Perception → HasResourceType → PerceivingTool[occ:0-n] 5 Perception → HasTimeType → TimeOfPerception[occ:1-n] 6 Perception → HasPlaceType → PlaceOfPerception[occ:1-n] <i>ContextFamily</i> 1 Perception → BegetsQualityType → Perceived 2 Perception → BegetsQualityType → Perceivable |
| Perform To Express a Transient Resource. <i>Scope of Perform</i> <i>Perform</i> is the process of Expressing where the result is a Transient Manifestation - that is, something that only Exists as long as the Expression itself. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Perform → IsTypeOf → Express 2 Perform → IsOpposedTo → Fix <i>Type(s)</i> 1 Perform → HasType → Play <i>ActionFamily</i> 1 Perform → BegetsContextType → PerformingEvent 2 Perform → BegetsAgentType → Performer 3 Perform → BegetsResourceType → Performance 4 Perform → BegetsResourceType → SourceOfPerformance 5 Perform → BegetsResourceType → PerformingTool 6 Perform → BegetsTimeType → TimeOfPerforming 7 Perform → BegetsPlaceType → PlaceOfPerforming 8 Perform → BegetsPlaceType → PlaceOfPerformance 9 Perform → BegetsPlaceType → PlaceOfPerformingFrom |
| Performance A Transient Manifestation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Performance → IsResourceTypeBegottenBy → Perform 2 Performance → IsTypeOf → Manifestation 3 Performance → Is → Transient <i>Type(s)</i> 1 Performance → HasType → PlayedPerformance |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Performed The HistoricQuality of Performance. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Performed → IsQualityTypeBegottenBy → PerformingEvent 2 Performed → IsHistoricQualityOf → Performance 3 Performed → IsTypeOf → Expressed <i>Type(s)</i> 1 Performed → HasType → Played |
| Performer An Agent that Performs. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Performer → IsAgentTypeBegottenBy → Perform 2 Performer → IsTypeOf → Expresser <i>Type(s)</i> 1 Performer → HasType → Player |
| PerformingEvent An Event in which a Resource is Performed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PerformingEvent → IsContextTypeBegottenBy → Perform 2 PerformingEvent → IsTypeOf → Expression <i>Type(s)</i> 1 PerformingEvent → HasType → PlayingEvent <i>ContextDescription</i> 1 PerformingEvent[#1] → HasActType → Perform[occ:1] 2 PerformingEvent → HasAgentType → Performer[occ:1-n] 3 PerformingEvent → HasResourceType → Performance[#2.n][occ:1-n] 4 [#2.n] → IsEqualTo → [#1][true:Sometimes] 5 [#2.n] → HasPlace → [#6.n][occ:1-n] 6 PerformingEvent → HasResourceType → SourceOfPerformance[#3.n][occ:0-n] 7 [#3.n] → HasPlace → [#5.n][occ:1-n] 8 PerformingEvent → HasResourceType → PerformingTool[occ:0-n] 9 PerformingEvent → HasTimeType → TimeOfPerforming[occ:1-n] 10 PerformingEvent → HasPlaceType → PlaceOfPerforming[#4.n][occ:1-n] 11 PerformingEvent → HasPlaceType → PlaceOfPerformingFrom[#5.n][occ:0-n] 12 [#5.n] → IsPartOf → [#4.n] 13 PerformingEvent → HasPlaceType → PlaceOfPerformance[#6.n][occ:0-n] 14 [#6.n] → IsPartOf → [#4.n] <i>ContextFamily</i> 1 PerformingEvent → BegetsQualityType → Performed |

| | |
|--|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| PerformingTool A Tool Used to Perform. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PerformingTool → IsResourceTypeBegottenBy → Perform 2 PerformingTool → IsTypeOf → ExpressingTool <i>Type(s)</i> 1 PerformingTool → HasType → PlayingTool |
| Persistence A Quality of persistence of Attributes of an Entity in relation to a particular Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Persistence → IsTypeOf → Quality <i>Allowed Values</i> 1 Persistence → HasAllowedValue → Transient 2 Persistence → HasAllowedValue → Persistent |
| Persistent Of an Entity which continues to exist within a particular context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Persistent → IsAllowedValueOf → Persistence |
| Place The spatial parameters of a Context. <i>Scope of Place</i> A <i>Place</i> answers the contextual question Where?, typically distinguished in natural language by positional prepositions such as "in", "on", "inside", "outside", "at", "to" and "from". At its most abstract, a Place may represent a set of spatial or virtual co-ordinates. At its most concrete, it may represent a percept which occupies those co-ordinates. Place is defined by the function it fulfils, so something which is generally perceived as the same entity (such as a computer) may be a Place in one Context, a Resource in another, and an Agent in yet another. Contexts may have multiple Places expressed as discrete values or ranges with any required attributes including Precision and continuity. <i>Place and Resource</i> Entities which function as Places often also function as Resources. For example, "I live in this house" (Place of Type <i>Residence</i>) and "I paint this house" (Resource of generic Type <i>Patient</i>); "He owns a computer" (Resource of Type <i>OwnedResource</i>) and "I store a file in a computer" (Place of type <i>Repository</i>). Place is typically distinguished by positional prepositions such as "in", "on", "inside", "outside", "at", "to" and "from". | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Place → IsPlaceTypeBegottenBy → Act <i>Type(s)</i> 1 Place → HasType → PlaceOfEvent 2 Place → HasType → PlaceOfSituation <i>Membership of Sets</i> 1 Place → IsMemberOf → BasicTermSet |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| PlaceOfAbstracting A Place of an AbstractingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAbstracting → IsPlaceTypeBegottenBy → Abstract 2 PlaceOfAbstracting → IsTypeOf → PlaceOfConceiving 3 PlaceOfAbstracting → IsTypeOf → PlaceOfDeriving |
| PlaceOfAbstractingFrom A Place in which the SourceOfAbstraction was located at the TimeOfAbstracting. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAbstractingFrom → IsPlaceTypeBegottenBy → Abstract 2 PlaceOfAbstractingFrom → IsTypeOf → PlaceOfConceivingFrom 3 PlaceOfAbstractingFrom → IsTypeOf → PlaceOfDerivingFrom |
| PlaceOfAbstractingTo A Place in which the Abstraction came into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAbstractingTo → IsPlaceTypeBegottenBy → Abstract 2 PlaceOfAbstractingTo → IsTypeOf → PlaceOfConceivingTo 3 PlaceOfAbstractingTo → IsTypeOf → PlaceOfDerivingTo |
| PlaceOfActivating A Place of an Activation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfActivating → IsPlaceTypeBegottenBy → Activate 2 PlaceOfActivating → IsTypeOf → PlaceOfChanging <i>Type(s)</i> 1 PlaceOfActivating → HasType → PlaceOfExecuting |
| PlaceOfAdapting A Place of an AdaptingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAdapting → IsPlaceTypeBegottenBy → Adapt 2 PlaceOfAdapting → IsTypeOf → PlaceOfDeriving 3 PlaceOfAdapting → IsTypeOf → PlaceOfChangingTransiently <i>Type(s)</i> 1 PlaceOfAdapting → HasType → PlaceOfExtracting 2 PlaceOfAdapting → HasType → PlaceOfTransforming |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| PlaceOfAdaptingFrom A Place in which the SourceOfAdaptation was located at the TimeOfAdapting. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAdaptingFrom → IsPlaceTypeBegottenBy → Adapt 2 PlaceOfAdaptingFrom → IsTypeOf → PlaceOfDerivingFrom 3 PlaceOfAdaptingFrom → IsTypeOf → PlaceOfChangingTransiently <i>Type(s)</i> 1 PlaceOfAdaptingFrom → HasType → PlaceOfExtractingFrom 2 PlaceOfAdaptingFrom → HasType → PlaceOfTransformingFrom |
| PlaceOfAdaptingTo A Place in which the Adaptation came into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAdaptingTo → IsPlaceTypeBegottenBy → Adapt 2 PlaceOfAdaptingTo → IsTypeOf → PlaceOfDerivingTo <i>Type(s)</i> 1 PlaceOfAdaptingTo → HasType → PlaceOfExtractingTo 2 PlaceOfAdaptingTo → HasType → PlaceOfTransformingTo |
| PlaceOfAggregating A Place of an AggregatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAggregating → IsPlaceTypeBegottenBy → Aggregate 2 PlaceOfAggregating → IsTypeOf → PlaceOfDeriving <i>Type(s)</i> 1 PlaceOfAggregating → HasType → PlaceOfSetMaking |
| PlaceOfAggregatingFrom A Place in which a Component was located at the TimeOfAggregating. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAggregatingFrom → IsPlaceTypeBegottenBy → Aggregate 2 PlaceOfAggregatingFrom → IsTypeOf → PlaceOfDerivingFrom <i>Type(s)</i> 1 PlaceOfAggregatingFrom → HasType → PlaceOfSetMakingFrom |
| PlaceOfAggregatingTo A Place in which the Aggregation came into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAggregatingTo → IsPlaceTypeBegottenBy → Aggregate 2 PlaceOfAggregatingTo → IsTypeOf → PlaceOfDerivingTo <i>Type(s)</i> 1 PlaceOfAggregatingTo → HasType → PlaceOfSetMakingTo |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| PlaceOfAscribing A Place of an AscribingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfAscribing → IsPlaceTypeBegottenBy → Ascribe 2 PlaceOfAscribing → IsTypeOf → PlaceOfRelating <i>Type(s)</i> 1 PlaceOfAscribing → HasType → PlaceOfNaming 2 PlaceOfAscribing → HasType → PlaceOfSpecializing 3 PlaceOfAscribing → HasType → PlaceOfClassifying 4 PlaceOfAscribing → HasType → PlaceOfQualifying 5 PlaceOfAscribing → HasType → PlaceOfMeasuring 6 PlaceOfAscribing → HasType → PlaceOfPartitioning 7 PlaceOfAscribing → HasType → PlaceOfEvaluating |
| PlaceOfBegetting A Place of a BegettingEvent. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 PlaceOfBegetting → IsPlaceTypeBegottenBy → Beget 2 PlaceOfBegetting → IsTypeOf → PlaceOfOriginating |
| PlaceOfChanging A Place of a ChangingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfChanging → IsPlaceTypeBegottenBy → Change 2 PlaceOfChanging → IsTypeOf → PlaceOfInteraction <i>Type(s)</i> 1 PlaceOfChanging → HasType → PlaceOfModifying 2 PlaceOfChanging → HasType → PlaceOfChangingTransiently 3 PlaceOfChanging → HasType → PlaceOfEnabling 4 PlaceOfChanging → HasType → PlaceOfActivating 5 PlaceOfChanging → HasType → PlaceOfDeactivating 6 PlaceOfChanging → HasType → PlaceOfDisabling |
| PlaceOfChangingTransiently A Place of a TransientChangeEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfChangingTransiently → IsPlaceTypeBegottenBy → ChangeTransiently 2 PlaceOfChangingTransiently → IsTypeOf → PlaceOfChanging <i>Type(s)</i> 1 PlaceOfChangingTransiently → HasType → PlaceOfAdapting 2 PlaceOfChangingTransiently → HasType → PlaceOfAdaptingFrom |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| PlaceOfClassifying A Place of a ClassifyingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfClassifying → IsPlaceTypeBegottenBy → Classify 2 PlaceOfClassifying → IsTypeOf → PlaceOfAscribing |
| PlaceOfConceiving A Place of a Conception. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfConceiving → IsPlaceTypeBegottenBy → Conceive 2 PlaceOfConceiving → IsTypeOf → PlaceOfMaking 3 PlaceOfConceiving → HasComponent → PlaceOfDeriving[true:Sometimes] <i>Type(s)</i> 1 PlaceOfConceiving → HasType → PlaceOfAbstracting |
| PlaceOfConceivingFrom A Place in which the SourceOfConcept was located at the Time of Conceiving. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfConceivingFrom → IsPlaceTypeBegottenBy → Conceive 2 PlaceOfConceivingFrom → IsTypeOf → PlaceOfDerivingFrom 3 PlaceOfConceivingFrom → IsPartOf → PlaceOfConceiving <i>Type(s)</i> 1 PlaceOfConceivingFrom → HasType → PlaceOfAbstractingFrom |
| PlaceOfConceivingTo A Place in which the Concept was located at the Time of Conceiving. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfConceivingTo → IsPlaceTypeBegottenBy → Conceive 2 PlaceOfConceivingTo → IsTypeOf → PlaceOfDerivingTo <i>Type(s)</i> 1 PlaceOfConceivingTo → HasType → PlaceOfAbstractingTo |
| PlaceOfDeactivating A Place of a Deactivation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfDeactivating → IsPlaceTypeBegottenBy → Deactivate 2 PlaceOfDeactivating → IsTypeOf → PlaceOfChanging |
| PlaceOfDeleting A Place of a Deletion. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfDeleting → IsPlaceTypeBegottenBy → Delete 2 PlaceOfDeleting → IsTypeOf → PlaceOfDestroying |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| PlaceOfDeriving A Place of a DerivingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfDeriving → IsPlaceTypeBegottenBy → Derive 2 PlaceOfDeriving → IsTypeOf → PlaceOfMaking 3 PlaceOfDeriving → IsTypeOf → PlaceOfUsing <i>Type(s)</i> 1 PlaceOfDeriving → HasType → PlaceOfAbstracting 2 PlaceOfDeriving → HasType → PlaceOfAggregating 3 PlaceOfDeriving → HasType → PlaceOfAdapting |
| PlaceOfDerivingFrom A Place in which the Source was located at the TimeOfDeriving. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfDerivingFrom → IsPlaceTypeBegottenBy → Derive 2 PlaceOfDerivingFrom → IsTypeOf → PlaceOfMaking 3 PlaceOfDerivingFrom → IsTypeOf → PlaceOfUsing <i>Type(s)</i> 1 PlaceOfDerivingFrom → HasType → PlaceOfConceivingFrom 2 PlaceOfDerivingFrom → HasType → PlaceOfAbstractingFrom 3 PlaceOfDerivingFrom → HasType → PlaceOfAggregatingFrom 4 PlaceOfDerivingFrom → HasType → PlaceOfAdaptingFrom |
| PlaceOfDerivingTo A Place in which the Derivation came into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfDerivingTo → IsPlaceTypeBegottenBy → Derive 2 PlaceOfDerivingTo → IsTypeOf → PlaceOfMaking 3 PlaceOfDerivingTo → IsTypeOf → PlaceOfUsing <i>Type(s)</i> 1 PlaceOfDerivingTo → HasType → PlaceOfAbstractingTo 2 PlaceOfDerivingTo → HasType → PlaceOfAggregatingTo 3 PlaceOfDerivingTo → HasType → PlaceOfAdaptingTo 4 PlaceOfDerivingTo → HasType → PlaceOfConceivingTo |
| PlaceOfDestroying A Place of a Destruction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfDestroying → IsPlaceTypeBegottenBy → Destroy 2 PlaceOfDestroying → IsTypeOf → PlaceOfInteraction <i>Type(s)</i> 1 PlaceOfDestroying → HasType → PlaceOfDeleting |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| PlaceOfDisabling A Place of a DisablingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfDisabling → IsPlaceTypeBegottenBy → Disable 2 PlaceOfDisabling → IsTypeOf → PlaceOfChanging |
| PlaceOfEmbedding A Place of an EmbeddingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfEmbedding → IsPlaceTypeBegottenBy → Embed 2 PlaceOfEmbedding → IsTypeOf → PlaceOfRelating |
| PlaceOfEnabling A Place of an EnablingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfEnabling → IsPlaceTypeBegottenBy → Enable 2 PlaceOfEnabling → IsTypeOf → PlaceOfChanging |
| PlaceOfEnlarging A Place of an Enlargement. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfEnlarging → IsPlaceTypeBegottenBy → Enlarge 2 PlaceOfEnlarging → IsTypeOf → PlaceOfModifying |
| PlaceOfEquating A Place of an EquatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfEquating → IsPlaceTypeBegottenBy → Equate 2 PlaceOfEquating → IsTypeOf → PlaceOfRelating |
| PlaceOfEvaluating A Place of an EvaluatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfEvaluating → IsPlaceTypeBegottenBy → Evaluate 2 PlaceOfEvaluating → IsTypeOf → PlaceOfAscribing |
| PlaceOfEvent A Place of an Event. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfEvent → IsPlaceTypeBegottenBy → Do 2 PlaceOfEvent → IsTypeOf → Place 3 PlaceOfEvent → HasComponent → PlaceOfToolUsage[true:Sometimes] <i>Type(s)</i> 1 PlaceOfEvent → HasType → PlaceOfMaking 2 PlaceOfEvent → HasType → PlaceOfInteraction |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| PlaceOfExecuting A Place of an Execution. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfExecuting → IsPlaceTypeBegottenBy → Execute 2 PlaceOfExecuting → IsTypeOf → PlaceOfActivating |
| PlaceOfExistence A Place of an Existence. <i>Scope of PlaceOfExistence</i> <i>PlaceOfExistence</i> may range from geographical locations and repositories to imaginary and mythical worlds and human minds. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfExistence → IsPlaceTypeBegottenBy → Existence 2 PlaceOfExistence → IsTypeOf → PlaceOfSituation |
| PlaceOfExpressingFrom A Place in which the SourceOfManifestation was located at the Time of Expression. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfExpressingFrom → IsPlaceTypeBegottenBy → Express 2 PlaceOfExpressingFrom → IsTypeOf → PlaceOfMaking <i>Type(s)</i> 1 PlaceOfExpressingFrom → HasType → PlaceOfPerformingFrom 2 PlaceOfExpressingFrom → HasType → PlaceOfFixingFrom 3 PlaceOfExpressingFrom → HasType → PlaceOfSayingFrom 4 PlaceOfExpressingFrom → HasType → PlaceOfRenderingFrom |
| PlaceOfExpression A Place of an Expression. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfExpression → IsPlaceTypeBegottenBy → Express 2 PlaceOfExpression → IsTypeOf → PlaceOfMaking 3 PlaceOfExpression → HasComponent → PlaceOfDeriving[true:Sometimes] <i>Type(s)</i> 1 PlaceOfExpression → HasType → PlaceOfPerforming 2 PlaceOfExpression → HasType → PlaceOfFixing 3 PlaceOfExpression → HasType → PlaceOfSaying 4 PlaceOfExpression → HasType → PlaceOfRendering |
| PlaceOfExtracting A Place of an ExtractingEvent. <i>Synonym(s)</i> : PlaceOfExcerpting | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfExtracting → IsPlaceTypeBegottenBy → Extract 2 PlaceOfExtracting → IsTypeOf → PlaceOfAdapting |
| PlaceOfExtractingFrom A Place in which the SourceOfExcerpt was located at the Time of Extracting. <i>Synonym(s)</i> : PlaceOfExcerptingFrom | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfExtractingFrom → IsPlaceTypeBegottenBy → Extract 2 PlaceOfExtractingFrom → IsTypeOf → PlaceOfAdaptingFrom |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| PlaceOfExtractingTo A Place in which the Excerpt came into existence. <i>Synonym(s)</i> : PlaceOfExcerptingTo | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfExtractingTo → IsPlaceTypeBegottenBy → Extract 2 PlaceOfExtractingTo → IsTypeOf → PlaceOfAdaptingTo |
| PlaceOfFixation A Place in which a Fixation came into existence. <i>Synonym(s)</i> : PlaceOfFixingTo | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfFixation → IsPlaceTypeBegottenBy → Fix 2 PlaceOfFixation → IsTypeOf → PlaceOfManifestation <i>Type(s)</i> 1 PlaceOfFixation → HasType → PlaceOfPrintingTo |
| PlaceOfFixing A Place of a FixingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfFixing → IsPlaceTypeBegottenBy → Fix 2 PlaceOfFixing → IsTypeOf → PlaceOfExpression <i>Type(s)</i> 1 PlaceOfFixing → HasType → PlaceOfPrinting |
| PlaceOfFixingFrom A Place in which the SourceOfFixation was located at the TimeOfFixing. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfFixingFrom → IsPlaceTypeBegottenBy → Fix 2 PlaceOfFixingFrom → IsTypeOf → PlaceOfExpressingFrom <i>Type(s)</i> 1 PlaceOfFixingFrom → HasType → PlaceOfPrintingFrom |
| PlaceOfIdentifying A Place of an IdentifyingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfIdentifying → IsPlaceTypeBegottenBy → Identify 2 PlaceOfIdentifying → IsTypeOf → PlaceOfNaming |
| PlaceOfInstalling A Place of an Installation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfInstalling → IsPlaceTypeBegottenBy → Install 2 PlaceOfInstalling → IsTypeOf → PlaceOfInteraction |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| PlaceOfInteraction A Place of an Interaction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfInteraction → IsPlaceTypeBegottenBy → InteractWith 2 PlaceOfInteraction → IsTypeOf → PlaceOfEvent <i>Type(s)</i> 1 PlaceOfInteraction → HasType → PlaceOfUsing 2 PlaceOfInteraction → HasType → PlaceOfChanging 3 PlaceOfInteraction → HasType → PlaceOfInstalling 4 PlaceOfInteraction → HasType → PlaceOfUninstalling 5 PlaceOfInteraction → HasType → PlaceOfDestroying 6 PlaceOfInteraction → HasType → PlaceOfRelating |
| PlaceOfMaking A Place of a MakingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfMaking → IsPlaceTypeBegottenBy → Make 2 PlaceOfMaking → IsTypeOf → PlaceOfEvent <i>Type(s)</i> 1 PlaceOfMaking → HasType → PlaceOfOriginating 2 PlaceOfMaking → HasType → PlaceOfExpression 3 PlaceOfMaking → HasType → PlaceOfExpressingFrom 4 PlaceOfMaking → HasType → PlaceOfManifestation 5 PlaceOfMaking → HasType → PlaceOfConceiving 6 PlaceOfMaking → HasType → PlaceOfDeriving 7 PlaceOfMaking → HasType → PlaceOfDerivingFrom 8 PlaceOfMaking → HasType → PlaceOfDerivingTo |
| PlaceOfManifestation A Place in which a Manifestation came into Existence. <i>Synonym(s)</i> : PlaceOfExpressingTo | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfManifestation → IsPlaceTypeBegottenBy → Express 2 PlaceOfManifestation → IsTypeOf → PlaceOfMaking <i>Type(s)</i> 1 PlaceOfManifestation → HasType → PlaceOfPerformance 2 PlaceOfManifestation → HasType → PlaceOfFixation 3 PlaceOfManifestation → HasType → PlaceOfSayingTo 4 PlaceOfManifestation → HasType → PlaceOfRenderingTo |
| PlaceOfMeasuring A Place of a MeasuringEvent. <i>Synonym(s)</i> : PlaceOfQuantifying | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfMeasuring → IsPlaceTypeBegottenBy → Measure 2 PlaceOfMeasuring → IsTypeOf → PlaceOfAscribing |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| PlaceOfModifying A Place of a Modification. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfModifying → IsPlaceTypeBegottenBy → Modify 2 PlaceOfModifying → IsTypeOf → PlaceOfChanging <i>Type(s)</i> 1 PlaceOfModifying → HasType → PlaceOfEnlarging 2 PlaceOfModifying → HasType → PlaceOfReducing 3 PlaceOfModifying → HasType → PlaceOfMoving 4 PlaceOfModifying → HasType → Origin 5 PlaceOfModifying → HasType → Destination 6 PlaceOfModifying → HasType → PlaceOfMovingThrough |
| PlaceOfMoving A Place of a Movement. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfMoving → IsPlaceTypeBegottenBy → Move 2 PlaceOfMoving → IsTypeOf → PlaceOfModifying |
| PlaceOfMovingThrough A Place through which a Resource is Moved. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 PlaceOfMovingThrough → IsPlaceTypeBegottenBy → Move 2 PlaceOfMovingThrough → IsTypeOf → PlaceOfModifying |
| PlaceOfNaming A Place of a NamingEvent. <i>Synonym(s)</i> : PlaceOfNominating | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfNaming → IsPlaceTypeBegottenBy → Nominate 2 PlaceOfNaming → IsTypeOf → PlaceOfAscribing <i>Type(s)</i> 1 PlaceOfNaming → HasType → PlaceOfIdentifying |
| PlaceOfOpposing A Place of an OpposingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfOpposing → IsPlaceTypeBegottenBy → Oppose 2 PlaceOfOpposing → IsTypeOf → PlaceOfRelating |
| PlaceOfOriginating A Place of an OriginatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfOriginating → IsPlaceTypeBegottenBy → Originate 2 PlaceOfOriginating → IsTypeOf → PlaceOfMaking <i>Type(s)</i> 1 PlaceOfOriginating → HasType → PlaceOfBegetting |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| PlaceOfPartitioning A Place of a PartitioningEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPartitioning → IsPlaceTypeBegottenBy → Partition 2 PlaceOfPartitioning → IsTypeOf → PlaceOfAscribing |
| PlaceOfPerception A Place of a Perception. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPerception → IsPlaceTypeBegottenBy → Perceive 2 PlaceOfPerception → IsTypeOf → PlaceOfUsing |
| PlaceOfPerformance A Place in which a Performance came into existence. <i>Synonym(s)</i> : PlaceOfPerformingTo | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPerformance → IsPlaceTypeBegottenBy → Perform 2 PlaceOfPerformance → IsTypeOf → PlaceOfManifestation <i>Type(s)</i> 1 PlaceOfPerformance → HasType → PlaceOfPlayingTo |
| PlaceOfPerforming A Place of a PerformingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPerforming → IsPlaceTypeBegottenBy → Perform 2 PlaceOfPerforming → IsTypeOf → PlaceOfExpression <i>Type(s)</i> 1 PlaceOfPerforming → HasType → PlaceOfPlaying |
| PlaceOfPerformingFrom A Place in which the SourceOfPerformance was located at the TimeOfPerforming. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPerformingFrom → IsPlaceTypeBegottenBy → Perform 2 PlaceOfPerformingFrom → IsTypeOf → PlaceOfExpressingFrom <i>Type(s)</i> 1 PlaceOfPerformingFrom → HasType → PlaceOfPlayingFrom |
| PlaceOfPlaying A Place of a PlayingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPlaying → IsPlaceTypeBegottenBy → Play 2 PlaceOfPlaying → IsTypeOf → PlaceOfRendering 3 PlaceOfPlaying → IsTypeOf → PlaceOfPerforming |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| PlaceOfPlayingFrom A Place in which the SourceForPlaying was located at the TimeOfPlaying. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPlayingFrom → IsPlaceTypeBegottenBy → Play 2 PlaceOfPlayingFrom → IsTypeOf → PlaceOfRenderingFrom 3 PlaceOfPlayingFrom → IsTypeOf → PlaceOfPerformingFrom |
| PlaceOfPlayingTo A Place in which the PlayedPerformance came into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPlayingTo → IsPlaceTypeBegottenBy → Play 2 PlaceOfPlayingTo → IsTypeOf → PlaceOfRenderingTo 3 PlaceOfPlayingTo → IsTypeOf → PlaceOfPerformance |
| PlaceOfPrinting A Place of a PrintingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPrinting → IsPlaceTypeBegottenBy → Print 2 PlaceOfPrinting → IsTypeOf → PlaceOfRendering 3 PlaceOfPrinting → IsTypeOf → PlaceOfFixing |
| PlaceOfPrintingFrom A Place in which the SourceForPrinting was located at the TimeOfPrinting. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPrintingFrom → IsPlaceTypeBegottenBy → Print 2 PlaceOfPrintingFrom → IsTypeOf → PlaceOfRenderingFrom 3 PlaceOfPrintingFrom → IsTypeOf → PlaceOfFixingFrom |
| PlaceOfPrintingTo A Place in which the PrintRendition came into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfPrintingTo → IsPlaceTypeBegottenBy → Print 2 PlaceOfPrintingTo → IsTypeOf → PlaceOfRenderingTo 3 PlaceOfPrintingTo → IsTypeOf → PlaceOfFixation |
| PlaceOfQualifying A Place of a QualifyingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfQualifying → IsPlaceTypeBegottenBy → Qualify 2 PlaceOfQualifying → IsTypeOf → PlaceOfAscribing |
| PlaceOfReducing A Place of a Reduction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfReducing → IsPlaceTypeBegottenBy → Reduce 2 PlaceOfReducing → IsTypeOf → PlaceOfModifying |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|--|
| PlaceOfRelating A Place of a RelatingEvent. | MeaningType: Derived Genealogy 1 PlaceOfRelating → IsPlaceTypeBegottenBy → Relate 2 PlaceOfRelating → IsTypeOf → PlaceOfInteraction Type(s) 1 PlaceOfRelating → HasType → PlaceOfEmbedding 2 PlaceOfRelating → HasType → PlaceOfAscribing 3 PlaceOfRelating → HasType → PlaceOfEquating 4 PlaceOfRelating → HasType → PlaceOfOpposing |
| PlaceOfRendering A Place of a RenderingEvent. | MeaningType: Derived Genealogy 1 PlaceOfRendering → IsPlaceTypeBegottenBy → Render 2 PlaceOfRendering → IsTypeOf → PlaceOfTransforming 3 PlaceOfRendering → IsTypeOf → PlaceOfExpression Type(s) 1 PlaceOfRendering → HasType → PlaceOfPlaying 2 PlaceOfRendering → HasType → PlaceOfPrinting |
| PlaceOfRenderingFrom A Place in which a SourceOfRendition was located at the TimeOfRendering. | MeaningType: Derived Genealogy 1 PlaceOfRenderingFrom → IsPlaceTypeBegottenBy → Render 2 PlaceOfRenderingFrom → IsTypeOf → PlaceOfTransformingFrom 3 PlaceOfRenderingFrom → IsTypeOf → PlaceOfExpressingFrom Type(s) 1 PlaceOfRenderingFrom → HasType → PlaceOfPlayingFrom 2 PlaceOfRenderingFrom → HasType → PlaceOfPrintingFrom |
| PlaceOfRenderingTo A Place in which a Rendition came into existence. | MeaningType: Derived Genealogy 1 PlaceOfRenderingTo → IsPlaceTypeBegottenBy → Render 2 PlaceOfRenderingTo → IsTypeOf → PlaceOfTransformingTo 3 PlaceOfRenderingTo → IsTypeOf → PlaceOfManifestation Type(s) 1 PlaceOfRenderingTo → HasType → PlaceOfPlayingTo 2 PlaceOfRenderingTo → HasType → PlaceOfPrintingTo |
| PlaceOfSaying A Place of a SayingEvent. Synonym(s): PlaceOfUttering | MeaningType: Derived Genealogy 1 PlaceOfSaying → IsPlaceTypeBegottenBy → Say 2 PlaceOfSaying → IsTypeOf → PlaceOfExpression |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|--|
| PlaceOfSayingFrom A Place in which the Utterance was located at the Time of the SayingEvent. Synonym(s): PlaceOfUtteringFrom | MeaningType: Derived Genealogy 1 PlaceOfSayingFrom → IsPlaceTypeBegottenBy → Say 2 PlaceOfSayingFrom → IsTypeOf → PlaceOfExpressingFrom |
| PlaceOfSayingTo A Place in which the SourceOfUtterance was located at the Time of the SayingEvent. Synonym(s): PlaceOfUtteringTo | MeaningType: Derived Genealogy 1 PlaceOfSayingTo → IsPlaceTypeBegottenBy → Say 2 PlaceOfSayingTo → IsTypeOf → PlaceOfManifestation |
| PlaceOfSetMaking A Place of a SetMakingEvent. | MeaningType: Derived Genealogy 1 PlaceOfSetMaking → IsPlaceTypeBegottenBy → MakeSet 2 PlaceOfSetMaking → IsTypeOf → PlaceOfAggregating |
| PlaceOfSetMakingFrom A Place in which a Member was located at the Time of SetMaking. | MeaningType: Derived Genealogy 1 PlaceOfSetMakingFrom → IsPlaceTypeBegottenBy → MakeSet 2 PlaceOfSetMakingFrom → IsTypeOf → PlaceOfAggregatingFrom |
| PlaceOfSetMakingTo A Place in which the Set came into Existence. | MeaningType: Derived Genealogy 1 PlaceOfSetMakingTo → IsPlaceTypeBegottenBy → MakeSet 2 PlaceOfSetMakingTo → IsTypeOf → PlaceOfAggregatingTo |
| PlaceOfSituation A Place in which a Situation persists. Synonym(s): PlaceOfPossession | MeaningType: Derived Genealogy 1 PlaceOfSituation → IsPlaceTypeBegottenBy → Situation 2 PlaceOfSituation → IsTypeOf → Place Type(s) 1 PlaceOfSituation → HasType → PlaceOfExistence |
| PlaceOfSpecializing A Place of a SpecializingEvent. | MeaningType: Derived Genealogy 1 PlaceOfSpecializing → IsPlaceTypeBegottenBy → Specialize 2 PlaceOfSpecializing → IsTypeOf → PlaceOfAscribing |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| PlaceOfToolUsage A Place of a ToolUsage. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfToolUsage → IsPlaceTypeBegottenBy → UseTool 2 PlaceOfToolUsage → IsTypeOf → PlaceOfUsing |
| PlaceOfTransforming A Place of a TransformingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfTransforming → IsPlaceTypeBegottenBy → Transform 2 PlaceOfTransforming → IsTypeOf → PlaceOfAdapting <i>Type(s)</i> 1 PlaceOfTransforming → HasType → PlaceOfRendering 2 PlaceOfTransforming → HasType → PlaceOfTranslating |
| PlaceOfTransformingFrom A Place in which the SourceOfTransformation was located at the TimeOfTransforming. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfTransformingFrom → IsPlaceTypeBegottenBy → Transform 2 PlaceOfTransformingFrom → IsTypeOf → PlaceOfAdaptingFrom <i>Type(s)</i> 1 PlaceOfTransformingFrom → HasType → PlaceOfRenderingFrom 2 PlaceOfTransformingFrom → HasType → PlaceOfTranslatingFrom |
| PlaceOfTransformingTo A Place in which the Transformation came into existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfTransformingTo → IsPlaceTypeBegottenBy → Transform 2 PlaceOfTransformingTo → IsTypeOf → PlaceOfAdaptingTo <i>Type(s)</i> 1 PlaceOfTransformingTo → HasType → PlaceOfRenderingTo 2 PlaceOfTransformingTo → HasType → PlaceOfTranslatingTo |
| PlaceOfTranslating A Place of a TranslatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfTranslating → IsPlaceTypeBegottenBy → Translate 2 PlaceOfTranslating → IsTypeOf → PlaceOfTransforming |
| PlaceOfTranslatingFrom A Place in which the SourceOfTranslation was located at the TimeOfTranslating. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlaceOfTranslatingFrom → IsPlaceTypeBegottenBy → Translate 2 PlaceOfTranslatingFrom → IsTypeOf → PlaceOfTransformingFrom |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|---|
| PlaceOfTranslatingTo A Place in which the Translation came into existence. | MeaningType: Derived Genealogy 1 PlaceOfTranslatingTo → IsPlaceTypeBegottenBy → Translate 2 PlaceOfTranslatingTo → IsTypeOf → PlaceOfTransformingTo |
| PlaceOfUninstalling A Place of an Uninstallation. | MeaningType: Derived Genealogy 1 PlaceOfUninstalling → IsPlaceTypeBegottenBy → Uninstall 2 PlaceOfUninstalling → IsTypeOf → PlaceOfInteraction |
| PlaceOfUsing A Place of a Usage. | MeaningType: Derived Genealogy 1 PlaceOfUsing → IsPlaceTypeBegottenBy → Use 2 PlaceOfUsing → IsTypeOf → PlaceOfInteraction Type(s) 1 PlaceOfUsing → HasType → PlaceOfDeriving 2 PlaceOfUsing → HasType → PlaceOfDerivingFrom 3 PlaceOfUsing → HasType → PlaceOfDerivingTo 4 PlaceOfUsing → HasType → PlaceOfToolUsage 5 PlaceOfUsing → HasType → PlaceOfPerception |
| PlaceType A Class of which every Type of Place is an Instance. Scope of PlaceType PlaceType is introduced through the ContextModel as the Class of all Types of Place, one of the six members of the BasicTermSet. Examples of PlaceType PlaceOfDeriving, PlaceOfDerivingFrom and PlaceOfDerivingTo are PlaceTypes of the ActType Derive. PlaceOfUsing is the PlaceType of the ActType Use. PlaceOfSituation is the PlaceType of the ActType Have. | MeaningType: Derived Genealogy 1 PlaceType → IsTypeOf → Class |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|---|
| Play To Render a Fixation into a Performance (expands to: To Derive a Transient and directly Perceivable representation of a Resource). <i>Scope of Play</i> Play may cover the making of any forms of Transient representation that may be Perceived directly (that is, without any intermediary process) with at least one of the five human senses. <i>Play</i> includes playing a video or audio clip, displaying an image or text document, or creating Transient representations that may be touched, or Perceived to be touched. <i>Play and DigitalResource</i> When <i>Play</i> is applied to a DigitalResource, content may be rendered in any order or sequence according to the technical constraints of the DigitalResource and renderer. | MeaningType: Derived Genealogy 1 Play → IsTypeOf → Render 2 Play → IsTypeOf → Perform ActionFamily 1 Play → BegetsContextType → PlayingEvent 2 Play → BegetsAgentType → Player 3 Play → BegetsResourceType → PlayedPerformance 4 Play → BegetsResourceType → SourceForPlaying 5 Play → BegetsResourceType → PlayingTool 6 Play → BegetsTimeType → TimeOfPlaying 7 Play → BegetsPlaceType → PlaceOfPlaying 8 Play → BegetsPlaceType → PlaceOfPlayingFrom 9 Play → BegetsPlaceType → PlaceOfPlayingTo |
| Played The HistoricQuality of PlayedPerformance. | MeaningType: Derived Genealogy 1 Played → IsQualityTypeBegottenBy → PlayingEvent 2 Played → IsHistoricQualityOf → PlayedPerformance 3 Played → IsTypeOf → Rendered 4 Played → IsTypeOf → Performed |
| PlayedPerformance A Performance that is the Output of Playing. | MeaningType: Derived Genealogy 1 PlayedPerformance → IsResourceTypeBegottenBy → Play 2 PlayedPerformance → IsTypeOf → Rendition 3 PlayedPerformance → IsTypeOf → Performance |
| Player An Agent that Plays. | MeaningType: Derived Genealogy 1 Player → IsAgentTypeBegottenBy → Play 2 Player → IsTypeOf → Renderer 3 Player → IsTypeOf → Performer |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| PlayingEvent An Event in which a Resource is Played. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlayingEvent → IsContextTypeBegottenBy → Play 2 PlayingEvent → IsTypeOf → RenderingEvent 3 PlayingEvent → IsTypeOf → PerformingEvent <i>ContextDescription</i> 1 PlayingEvent[#1] → HasActType → Play[occ:1] 2 PlayingEvent → HasAgentType → Player[occ:1-n] 3 PlayingEvent → HasResourceType → PlayedPerformance[#2.n][occ:1-n] 4 [#2.n] → HasPlace → [#1][occ:1-n] 5 [#2.n] → IsEqualTo → [#6.n][true:Sometimes] 6 PlayingEvent → HasResourceType → SourceForPlaying[#3.n][occ:1-n] 7 [#3.n] → HasPlace → [#5.n][occ:1-n] 8 PlayingEvent → HasResourceType → PlayingTool[occ:0-n] 9 PlayingEvent → HasTimeType → TimeOfPlaying[occ:1-n] 10 PlayingEvent → HasPlaceType → PlaceOfPlaying[#4.n][occ:1-n] 11 PlayingEvent → HasPlaceType → PlaceOfPlayingFrom[#5.n][occ:1-n] 12 [#5.n] → IsPartOf → [#4.n] 13 PlayingEvent → HasPlaceType → PlaceOfPlayingTo[#6.n][occ:1-n] 14 [#6.n] → IsEqualTo → [#5.n][occ:1-n][true:Sometimes] 15 [#6.n] → IsPartOf → [#4.n] <i>ContextFamily</i> 1 PlayingEvent → BegetsQualityType → Played |
| PlayingTool A Tool Used to Play. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PlayingTool → IsResourceTypeBegottenBy → Play 2 PlayingTool → IsTypeOf → RenderingTool 3 PlayingTool → IsTypeOf → PerformingTool |
| Possessor An Agent that possesses something. <i>Synonym(s)</i> : Possessor | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Possessor → IsAgentTypeBegottenBy → Situation 2 Possessor → IsTypeOf → Agent <i>Type(s)</i> 1 Possessor → HasType → Existent |
| Potential The PotentialQuality of Existent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Potential → IsQualityTypeBegottenBy → Existence 2 Potential → IsPotentialQualityOf → Existent 3 Potential → IsTypeOf → CapableOfHaving |

| | |
|--|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| PotentialQuality An adjective describing characteristic(s) of an Entity which is capable of playing a role as a specific AgentType or ResourceType. <i>Scope of PotentialQuality</i> <i>PotentialQuality</i> describes, for example, something that is Perceivable, Adaptable, Usable, Copiable, Executable. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PotentialQuality → IsTypeOf → Quality |
| Precision A Quality of accuracy in measurement. <i>Precision in Relationships</i> The Value of the QualityType <i>Precision</i> ascribed to a Relationship expresses the accuracy with which it is represented. AllowedValues are <i>Exact</i> and <i>Approximate</i> . The default Value is <i>Exact</i> . | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Precision → IsTypeOf → Quality <i>Allowed Values</i> 1 Precision → HasAllowedValue → Exact 2 Precision → HasAllowedValue → Approximate |
| PresentQuality An adjective describing present characteristic(s) of an AgentType or ResourceType. <i>Scope of PresentQuality</i> <i>PresentQuality</i> is typically based on a present participle: for example, it describes something that is Transforming, Printing, Writing, BeingModified, UsingTool. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PresentQuality → IsTypeOf → Quality |
| PrimaryName The principal Name by which an Entity is known. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 PrimaryName → IsTypeOf → Name 2 PrimaryName → IsOpposedTo → AlternativeName <i>Type(s)</i> 1 PrimaryName → HasType → Headword |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Print To Render a Manifestation into a Fixation or To Derive a Fixed and directly Perceivable representation of a Resource (<i>the latter is a formal expansion of the former</i>). <i>Scope of Print</i> Print refers to the making of a fixed physical representation, such as hard-copy prints of images or text, that may be Perceived directly (that is, without any intermediary process) with one or more of the five human senses. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Print → IsTypeOf → Render 2 Print → IsTypeOf → Fix <i>ActionFamily</i> 1 Print → BegetsContextType → PrintingEvent 2 Print → BegetsAgentType → Printer 3 Print → BegetsResourceType → PrintRendition 4 Print → BegetsResourceType → SourceForPrinting 5 Print → BegetsResourceType → PrintingTool 6 Print → BegetsTimeType → TimeOfPrinting 7 Print → BegetsPlaceType → PlaceOfPrinting 8 Print → BegetsPlaceType → PlaceOfPrintingFrom 9 Print → BegetsPlaceType → PlaceOfPrintingTo |
| Printed The HistoricQuality of PrintRendition. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Printed → IsQualityTypeBegottenBy → PrintingEvent 2 Printed → IsHistoricQualityOf → PrintRendition 3 Printed → IsTypeOf → Rendered 4 Printed → IsTypeOf → Fixed |
| Printer An Agent that Prints. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Printer → IsAgentTypeBegottenBy → Print 2 Printer → IsTypeOf → Renderer 3 Printer → IsTypeOf → Fixer |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| PrintingEvent An Event in which a Resource is Printed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PrintingEvent → IsContextTypeBegottenBy → Print 2 PrintingEvent → IsTypeOf → RenderingEvent 3 PrintingEvent → IsTypeOf → FixingEvent <i>ContextDescription</i> 1 PrintingEvent → HasActType → Print[occ:1] 2 PrintingEvent → HasAgentType → Printer[occ:1-n] 3 PrintingEvent → HasResourceType → PrintRendition[#2.n][occ:1-n] 4 [#2.n] → IsEqualTo → [#1][true:Sometimes] 5 [#2.n] → HasPlace → [#6.n][occ:1-n] 6 PrintingEvent → HasResourceType → SourceForPrinting[#3.n][occ:1-n] 7 [#3.n] → HasPlace → [#5.n][occ:1-n] 8 PrintingEvent → HasResourceType → PrintingTool[occ:0-n] 9 PrintingEvent → HasTimeType → TimeOfPrinting[occ:1-n] 10 PrintingEvent → HasPlaceType → PlaceOfPrinting[#4.n][occ:1-n] 11 PrintingEvent → HasPlaceType → PlaceOfPrintingFrom[#5.n][occ:1-n] 12 [#5.n] → IsPartOf → [#4.n] 13 PrintingEvent → HasPlaceType → PlaceOfPrintingTo[#6.n][occ:1-n] 14 [#6.n] → IsEqualTo → [#5.n][occ:1-n][true:Sometimes] 15 [#6.n] → IsPartOf → [#4.n] <i>ContextFamily</i> 1 PrintingEvent → BegetsQualityType → Printed |
| PrintingTool A Tool Used to Print. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PrintingTool → IsResourceTypeBegottenBy → Print 2 PrintingTool → IsTypeOf → RenderingTool 3 PrintingTool → IsTypeOf → FixingTool |
| PrintRendition A Fixation that is the result of Printing. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 PrintRendition → IsResourceTypeBegottenBy → Print 2 PrintRendition → IsTypeOf → Rendition 3 PrintRendition → IsTypeOf → Fixation 4 PrintRendition → Is → Perceivable |
| Qualified The HistoricQuality of QualifiedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Qualified → IsQualityTypeBegottenBy → QualifyingEvent 2 Qualified → IsHistoricQualityOf → QualifiedResource 3 Qualified → IsTypeOf → AscribedTo |

| | |
|---|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| QualifiedResource A Resource to which a Quality is Ascribed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 QualifiedResource → IsResourceTypeBegottenBy → Qualify 2 QualifiedResource → IsTypeOf → AscribedResource |
| Qualifier An Agent that Qualifies. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Qualifier → IsAgentTypeBegottenBy → Qualify 2 Qualifier → IsTypeOf → Ascriber |
| Qualify To Ascribe a Quality to a Resource. <i>Scope of Qualify</i> <i>Qualify</i> describes the process of Ascribing a particular <i>Quality</i> (or adjectival characteristic) to a Resource. <i>Classify, Have and Qualify</i> The ActTypes <i>Classify</i> , <i>Have</i> and <i>Qualify</i> may be used as three different ways of conveying essentially the same information according to the different constructs of <i>Class</i> (noun), <i>Attribute</i> (noun) and <i>AscribedQuality</i> (adjective). For example, "Grass > IsA > GreenThing" (from <i>Classify</i>) "Grass > Has > Greenness" (from <i>Have</i>) "Grass > Is > Green" (from <i>Qualify</i>). Relationships between these three forms may be formally expressed as in "GreenThing > Has > Greenness", "GreenThing > Is > Green" and "Greenness > Is > Green". | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Qualify → IsTypeOf → Ascribe <i>ActionFamily</i> 1 Qualify → BegetsContextType → QualifyingEvent 2 Qualify → BegetsAgentType → Qualifier 3 Qualify → BegetsResourceType → AscribedQuality 4 Qualify → BegetsResourceType → QualifiedResource 5 Qualify → BegetsResourceType → QualifyingTool 6 Qualify → BegetsTimeType → TimeOfQualifying 7 Qualify → BegetsPlaceType → PlaceOfQualifying 8 Qualify → BegetsRelatingTerm → IsQualityOf 9 Qualify → BegetsRelatingTerm → Is |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| QualifyingEvent An Event in which a Resource is Qualified. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 QualifyingEvent → IsContextTypeBegottenBy → Qualify 2 QualifyingEvent → IsTypeOf → AscribingEvent <i>ContextDescription</i> 1 QualifyingEvent → HasActType → Qualify[occ:1] 2 QualifyingEvent → HasAgentType → Qualifier[occ:1-n] 3 QualifyingEvent → HasResourceType → AscribedQuality[occ:1-n] 4 QualifyingEvent → HasResourceType → QualifiedResource[occ:1-n] 5 QualifyingEvent → HasResourceType → QualifyingTool[occ:0-n] 6 QualifyingEvent → HasTimeType → TimeOfQualifying[occ:1-n] 7 QualifyingEvent → HasPlaceType → PlaceOfQualifying[occ:1-n] <i>ContextFamily</i> 1 QualifyingEvent → BegetsQualityType → Qualified |
| QualifyingTool A Tool Used to Qualify. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 QualifyingTool → IsResourceTypeBegottenBy → Qualify 2 QualifyingTool → IsTypeOf → AscribingTool |
| Quality An adjectival characteristic. <i>Scope of Quality</i> <i>Quality</i> includes all adjectives and adjectival expressions. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Quality → IsQualityTypeBegottenBy → Context <i>Type(s)</i> 1 Quality → HasType → Dynamism 2 Quality → HasType → Veracity 3 Quality → HasType → StaticQuality 4 Quality → HasType → Status 5 Quality → HasType → HistoricQuality 6 Quality → HasType → PresentQuality 7 Quality → HasType → PotentialQuality 8 Quality → HasType → Form 9 Quality → HasType → Reliability 10 Quality → HasType → Precision 11 Quality → HasType → Persistence |
| QualityType A Class of which every Type of Quality is an Instance. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 QualityType → IsTypeOf → Class |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Quantity A number Ascribed to a Resource which represents the size of some aspect of the Resource. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Quantity → IsResourceTypeBegottenBy → Measure 2 Quantity → IsTypeOf → Ascription 3 Quantity → Is → Numerical 4 Quantity → Has → UnitOfMeasure 5 Quantity → Has → Precision[true:Sometimes] <i>Type(s)</i> 1 Quantity → HasType → Count |
| RddAuthority The governance of RDD StandardizedTerms, NativeTerms and AdoptedTerms. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 RddAuthority → IsTypeOf → Authority |
| RddAuthorized Of a Term or TermAttribute under RddAuthority. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 RddAuthorized → IsTypeOf → Authorized 2 RddAuthorized → IsAllowedValueOf → AuthorityStatus |
| RddDefinition An RddAuthorized Definition of a Term. <i>Occurrence of RddDefinition in the RDD Dictionary</i> A StandardizedTerm or NativeTerm shall have exactly one <i>RddDefinition</i> in the CommonDescriptiveLanguage, and may have translations of this in any number of Languages <i>RddDefinition Authority</i> The Authority for an <i>RddDefinition</i> is the RddAuthority. <i>Form of RddDefinition</i> Rules (Normative) and guidelines (Informative) for writing <i>RddDefinitions</i> are shown in Annex B of the RDD Standard. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 RddDefinition → IsTypeOf → Definition 2 RddDefinition → Is → RddAuthorized |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|--|
| RddIdentifier The unique Identifier of a Term in the RDD Dictionary. Synonym(s): RddId <i>Occurrence of RddIdentifier in the RDD Dictionary</i> Each RDD Term shall have exactly one <i>RddIdentifier</i> . An <i>RddIdentifier</i> shall be unique within RDD. <i>RddIdentifier as a URI</i> An <i>RddIdentifier</i> shall be expressible as a URI in the form urn:mpeg:mpeg21:2002:01-RDD-XXX where "XXX" represents the <i>RddIdentifier</i> in a form to be determined by the Registration Authority. <i>RddIdentifier Authority</i> The Authority for an <i>RddIdentifier</i> is the <i>RddAuthority</i> . | MeaningType: Derived Genealogy 1 RddIdentifier → IsTypeOf → Identifier 2 RddIdentifier → IsIdentifierOf → Term |
| RddUser A user of the RDD System. | MeaningType: PartlyDerived Genealogy 1 RddUser → IsTypeOf → Agent |
| ReciprocalRelationship A Relationship which is the inverse of another Relationship. | MeaningType: Derived Genealogy 1 ReciprocalRelationship → IsTypeOf → Relationship |
| Reduce To Modify a Resource by taking away from it. <i>Scope of Reduce</i> With <i>Reduce</i> , a single Resource is preserved at the end of the process. Changes may include only the removal of existing elements of the original Resource. | MeaningType: PartlyDerived Genealogy 1 Reduce → IsTypeOf → Modify ActionFamily 1 Reduce → BegetsContextType → Reduction 2 Reduce → BegetsAgentType → Reducer 3 Reduce → BegetsResourceType → ReducedResource 4 Reduce → BegetsResourceType → ReducingTool 5 Reduce → BegetsTimeType → TimeOfReducing 6 Reduce → BegetsPlaceType → PlaceOfReducing |
| Reduced The HistoricQuality of ReducedResource. | MeaningType: Derived Genealogy 1 Reduced → IsQualityTypeBegottenBy → Reduction 2 Reduced → IsHistoricQualityOf → ReducedResource 3 Reduced → IsTypeOf → Modified |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| ReducedResource A Resource which is Reduced. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ReducedResource → IsResourceTypeBegottenBy → Reduce 2 ReducedResource → IsTypeOf → ModifiedResource |
| Reducer An Agent that Reduces a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Reducer → IsAgentTypeBegottenBy → Reduce 2 Reducer → IsTypeOf → Modifier |
| ReducingTool A Tool Used to Reduce. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ReducingTool → IsResourceTypeBegottenBy → Reduce 2 ReducingTool → IsTypeOf → ModifyingTool |
| Reduction An Event in which a Resource is Reduced. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Reduction → IsContextTypeBegottenBy → Reduce 2 Reduction → IsTypeOf → Modification <i>ContextDescription</i> 1 Reduction → HasActType → Reduce[occ:1] 2 Reduction → HasAgentType → Reducer[occ:1-n] 3 Reduction → HasResourceType → ReducedResource[occ:1-n] 4 Reduction → HasResourceType → ReducingTool[occ:0-n] 5 Reduction → HasTimeType → TimeOfReducing[occ:1-n] 6 Reduction → HasPlaceType → PlaceOfReducing[occ:1-n] <i>ContextFamily</i> 1 Reduction → BegetsQualityType → Reduced |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Relate To associate two or more Resources with one another. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Relate → IsTypeOf → InteractWith <i>Type(s)</i> 1 Relate → HasType → Embed 2 Relate → HasType → Ascribe 3 Relate → HasType → Equate 4 Relate → HasType → Oppose <i>ActionFamily</i> 1 Relate → BegetsContextType → RelatingEvent 2 Relate → BegetsAgentType → Relator 3 Relate → BegetsResourceType → Relative 4 Relate → BegetsResourceType → RelatingTool 5 Relate → BegetsTimeType → TimeOfRelating 6 Relate → BegetsPlaceType → PlaceOfRelating 7 Relate → BegetsRelatingTerm → IsRelativeOf |
| Related The HistoricQuality of Relative. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Related → IsQualityTypeBegottenBy → RelatingEvent 2 Related → IsHistoricQualityOf → Relative 3 Related → IsTypeOf → InteractedWith <i>Type(s)</i> 1 Related → HasType → Embedded 2 Related → HasType → EmbeddedInto 3 Related → HasType → AscribedTo 4 Related → HasType → Opposed |
| Relating The PresentQuality of Relator. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Relating → IsQualityTypeBegottenBy → RelatingEvent 2 Relating → IsPresentQualityOf → Relator 3 Relating → IsTypeOf → InteractingWith <i>Type(s)</i> 1 Relating → HasType → Embedding |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| RelatingEvent An Event in which Resources are associated with one another. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 RelatingEvent → IsContextTypeBegottenBy → Relate 2 RelatingEvent → IsTypeOf → Interaction <i>Type(s)</i> 1 RelatingEvent → HasType → EmbeddingEvent 2 RelatingEvent → HasType → AscribingEvent 3 RelatingEvent → HasType → EquatingEvent 4 RelatingEvent → HasType → OpposingEvent <i>ContextDescription</i> 1 RelatingEvent → HasActType → Relate[occ:1] 2 RelatingEvent → HasAgentType → Relator[occ:1-n] 3 RelatingEvent → HasResourceType → Relative[occ:2-n] 4 RelatingEvent → HasResourceType → RelatingTool[occ:0-n] 5 RelatingEvent → HasTimeType → TimeOfRelating[occ:1-n] 6 RelatingEvent → HasPlaceType → PlaceOfRelating[occ:1-n] 7 RelatingEvent → HasStateType → Relationship[occ:1-n] <i>ContextFamily</i> 1 RelatingEvent → BegetsStateType → Relationship 2 RelatingEvent → BegetsQualityType → Relating 3 RelatingEvent → BegetsQualityType → Related |
| RelatingTerm The second of the three Terms in a Relationship, being the predicate which describes the nature of the association between the SubjectTerm and ObjectTerm. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 RelatingTerm → IsTypeOf → Term 2 RelatingTerm → IsAttributeOf → Relationship <i>Type(s)</i> 1 RelatingTerm → HasType → AFRVRelatingTerm 2 RelatingTerm → HasType → CFRVRelatingTerm |
| RelatingTool A Tool with which Resources are Related. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 RelatingTool → IsResourceTypeBegottenBy → Relate 2 RelatingTool → IsTypeOf → InteractingTool <i>Type(s)</i> 1 RelatingTool → HasType → EmbeddingTool 2 RelatingTool → HasType → AscribingTool 3 RelatingTool → HasType → EquatingTool 4 RelatingTool → HasType → OpposingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Relationship A formal RDD representation of a State in which two Entities are associated. <i>Occurrence of Relationship in RDD</i> Each Term (other than an <i>IsolatedTerm</i>) shall have at least one defined <i>Relationship</i> with another Term (other than an <i>IsolatedTerm</i>) within the RDD. <i>Relationship Authority</i> A <i>Relationship</i> shall be under at least one Authority. <i>Relationship Structure in RDD Dictionary</i> A <i>Relationship</i> in the RDD Dictionary has the following syntactic structure, where elements in square brackets are optional: Enumerator SubjectTerm [SubjectValue] → RelatingTerm → ObjectTerm [ObjectValue] [occ:n] [true:Value] [prec:Value] [StartTime:Value] [EndTime:Value] [auth:Value] and the abbreviations represent: occ=Occurrence, true=Reliability, prec=Precision, auth=Authority]. <i>Mandatory elements of a Relationship</i> A <i>Relationship</i> must contain at least either a <i>SubjectTerm</i> or a <i>SubjectValue</i> , and at least either an <i>ObjectTerm</i> or <i>ObjectValue</i> . Where a <i>Relationship</i> is dependent upon another via <i>ArbitraryValues</i> , <i>SubjectTerm</i> and/or <i>ObjectTerm</i> need not occur. Where it is independent, <i>SubjectTerm</i> and <i>ObjectTerm</i> must occur. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Relationship → Has → RelatingTerm 2 Relationship → Has → SubjectTerm 3 Relationship → Has → ObjectTerm 4 Relationship → Has → SubjectValue 5 Relationship → Has → ObjectValue 6 Relationship → IsExpressionOf → Association 7 Relationship → IsStateTypeBegottenBy → RelatingEvent 8 IsA → CommentableTermAttribute → <i>Type(s)</i> 1 Relationship → HasType → AscriptiveRelationship 2 Relationship → HasType → ReciprocalRelationship 3 Relationship → HasType → AttributeRelationship <i>Membership of Sets</i> 1 Relationship → IsMemberOf → RelationshipSet[occ:1-n] 2 Relationship → IsMemberOf → TermSet_1 |
| RelationshipSet Two or more Relationships or RelationshipSets grouped together under an Authority for any purpose. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 RelationshipSet → IsTypeOf → Set 2 RelationshipSet → HasMember → Relationship[occ:1-n] 3 RelationshipSet → Has → Authority[occ:1-n] <i>Type(s)</i> 1 RelationshipSet → HasType → Family 2 RelationshipSet → HasType → ContextDescription 3 RelationshipSet → HasType → ActionFamilyRelationalView 4 RelationshipSet → HasType → ContextFamilyRelationalView 5 RelationshipSet → HasType → Genealogy |
| RelationshipType A Class of which every Type of RelationshipType is an Instance. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 RelationshipType → IsTypeOf → Class |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Relative A Resource which is Related to another. <i>Occurrences of Relative</i> If more than two <i>Relatives</i> occur, then each is a Relative of every other one (that is, a one-to-one "IsRelativeOf" Relationship exists for every pair of Relatives in a RelatingEvent). | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Relative → IsResourceTypeBegottenBy → Relate 2 Relative → IsTypeOf → Input <i>Type(s)</i> 1 Relative → HasType → EmbeddedResource 2 Relative → HasType → Host 3 Relative → HasType → Ascription 4 Relative → HasType → AscribedResource 5 Relative → HasType → Equivalent 6 Relative → HasType → Opposite |
| Relator An Agent that Relates. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Relator → IsAgentTypeBegottenBy → Relate 2 Relator → IsTypeOf → Interactor <i>Type(s)</i> 1 Relator → HasType → Embedder 2 Relator → HasType → Ascriber 3 Relator → HasType → Equater 4 Relator → HasType → Opposer |
| Reliability A Quality that shows the frequency with which something is True. <i>Reliability within Relationships</i> In a Relationship the Value of the QualityType <i>Reliability</i> expresses the frequency with which the Relationship is True. AllowedValues are <i>Always</i> , <i>Usually</i> , <i>Sometimes</i> and <i>Never</i> . The default Value is <i>Always</i> . <i>Always</i> , <i>Sometimes</i> and <i>Never</i> correspond to the values ""must"", ""may"" and ""must not"" which are commonly used in other schemas. The value <i>Usually</i> corresponds to a Type of ""may"". The distinction between <i>Usually</i> and <i>Sometimes</i> is made in RDD to allow preference to be expressed in ambiguous mappings. For example, this pair of relationships: 1 foo:Writer > isSynonymOf > Author [true:Usually] 2 foo:Writer > isSynonymOf > Translator [true:Sometimes] would allow a human or machine Agent to apply probability criteria for selection. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Reliability → IsTypeOf → Quality <i>Allowed Values</i> 1 Reliability → HasAllowedValue → Always 2 Reliability → HasAllowedValue → Usually 3 Reliability → HasAllowedValue → Sometimes 4 Reliability → HasAllowedValue → Never |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| Render To Transform an existing Resource into a Perceivable representation of its contents. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Render → IsTypeOf → Transform 2 Render → IsTypeOf → Express <i>Type(s)</i> 1 Render → HasType → Play 2 Render → HasType → Print <i>ActionFamily</i> 1 Render → BegetsContextType → RenderingEvent 2 Render → BegetsAgentType → Renderer 3 Render → BegetsResourceType → Rendition 4 Render → BegetsResourceType → SourceOfRendition 5 Render → BegetsResourceType → RenderingTool 6 Render → BegetsTimeType → TimeOfRendering 7 Render → BegetsPlaceType → PlaceOfRendering 8 Render → BegetsPlaceType → PlaceOfRenderingFrom 9 Render → BegetsPlaceType → PlaceOfRenderingTo |
| Rendered The HistoricQuality of Rendition. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Rendered → IsQualityTypeBegottenBy → RenderingEvent 2 Rendered → IsHistoricQualityOf → Rendition 3 Rendered → IsTypeOf → Expressed 4 Rendered → IsTypeOf → Transformed <i>Type(s)</i> 1 Rendered → HasType → Played 2 Rendered → HasType → Printed |
| Renderer An Agent that Renders. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Renderer → IsAgentTypeBegottenBy → Render 2 Renderer → IsTypeOf → Transformer 3 Renderer → IsTypeOf → Expresser <i>Type(s)</i> 1 Renderer → HasType → Player 2 Renderer → HasType → Printer |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| RenderingEvent An Event in which a Resource is Rendered. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 RenderingEvent → IsContextTypeBegottenBy → Render 2 RenderingEvent → IsTypeOf → TransformingEvent 3 RenderingEvent → IsTypeOf → Expression <i>Type(s)</i> 1 RenderingEvent → HasType → PlayingEvent 2 RenderingEvent → HasType → PrintingEvent <i>ContextDescription</i> 1 RenderingEvent[#1] → HasActType → Render[occ:1] 2 RenderingEvent → HasAgentType → Renderer[occ:1-n] 3 RenderingEvent → HasResourceType → Rendition[#2.n][occ:1-n] 4 [#2.n] → HasPlace → [#1][occ:1-n] 5 [#2.n] → IsEqualTo → [#6.n][true:Sometimes] 6 RenderingEvent → HasResourceType → SourceOfRendition[#3.n][occ:1-n] 7 [#3.n] → HasPlace → [#5.n][occ:1-n] 8 RenderingEvent → HasResourceType → RenderingTool[occ:0-n] 9 RenderingEvent → HasTimeType → TimeOfRendering[occ:1-n] 10 RenderingEvent → HasPlaceType → PlaceOfRendering[#4.n][occ:1-n] 11 [#5.n] → IsPartOf → [#4.n] 12 RenderingEvent → HasPlaceType → PlaceOfRenderingFrom[#5.n][occ:1-n] 13 RenderingEvent → HasPlaceType → PlaceOfRenderingTo[#6.n][occ:1-n] 14 [#6.n] → IsEqualTo → [#5.n][occ:1-n][true:Sometimes] 15 [#6.n] → IsPartOf → [#4.n] <i>ContextFamily</i> 1 RenderingEvent → BegetsQualityType → Rendered |
| RenderingTool A Tool Used to Render. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 RenderingTool → IsResourceTypeBegottenBy → Render 2 RenderingTool → IsTypeOf → TransformingTool 3 RenderingTool → IsTypeOf → ExpressingTool <i>Type(s)</i> 1 RenderingTool → HasType → PlayingTool 2 RenderingTool → HasType → PrintingTool |

| | |
|---|--|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| Rendition A Resource that is Rendered from another Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Rendition → IsResourceTypeBegottenBy → Render 2 Rendition → IsTypeOf → Transformation 3 Rendition → IsTypeOf → Manifestation <i>Type(s)</i> 1 Rendition → HasType → PlayedPerformance 2 Rendition → HasType → PrintRendition |
| Resource Something involved in a Context, other than as an Agent, Time or Place. <i>Scope of Resource</i> A <i>Resource</i> is the "catch-all" for anything affected in some way by an Act which is not an Agent, Time or Place. It is typically the direct or indirect object of an action, distinguished by functional prepositions such as "with" and "to" (the latter in the sense of "done to"); for example, "I did it with this Tool", or "I did it to him". Resource never answers the questions <i>When?</i> and <i>Where?</i> Resources are commonly inanimate things, but may be people or corporate bodies; or other Contexts which are affected by the Act (for example, a Situation of which an Event is the cause); or Times and Places when they are involved (for example) as the subject of a creation. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Resource → IsResourceTypeBegottenBy → Act <i>Type(s)</i> 1 Resource → HasType → Patient 2 Resource → HasType → Attribute 3 Resource → HasType → DigitalResource <i>Membership of Sets</i> 1 Resource → IsMemberOf → BasicTermSet |
| ResourceChangedTransiently A Resource which is ChangedTransiently. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ResourceChangedTransiently → IsResourceTypeBegottenBy → ChangeTransiently 2 ResourceChangedTransiently → IsTypeOf → ChangedResource <i>Type(s)</i> 1 ResourceChangedTransiently → HasType → SourceOfAdaptation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| ResourceType A Class of which every Type of Resource is an Instance. <i>Scope of ResourceType</i> <i>ResourceType</i> is introduced through the <i>ContextModel</i> as the Class of all Types of <i>Resource</i> , one of the six members of the <i>BasicTermSet</i> . <i>Examples of ResourceType</i> <i>Derivation</i> , <i>SourceOfDerivation</i> and <i>DerivingTool</i> are <i>ResourceTypes</i> of the ActType <i>Derive</i> . <i>UsedResource</i> is a <i>ResourceType</i> of the ActType <i>Use</i> . <i>Attribute</i> is a <i>ResourceType</i> of the ActType <i>Have</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ResourceType → IsTypeOf → Class |
| RestrictedAccess Of a Term or TermAttribute which may be accessed only by a specified RddUser(s). | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 RestrictedAccess → IsAllowedValueOf → AccessStatus |
| Say To Express something in words. <i>Synonym(s)</i> : Utter <i>Scope of Say</i> <i>Say</i> introduces the concept of <i>words</i> into the Act of Expressing. <i>Types of Say</i> <i>Say</i> is independent of any specific mode or medium of Expression (such as speaking or writing) but may be Specialized in such ways. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Say → IsTypeOf → Express <i>ActionFamily</i> 1 Say → BegetsContextType → SayingEvent 2 Say → BegetsAgentType → Sayer 3 Say → BegetsResourceType → Utterance 4 Say → BegetsResourceType → SourceOfUtterance 5 Say → BegetsResourceType → SayingTool 6 Say → BegetsTimeType → TimeOfSaying 7 Say → BegetsPlaceType → PlaceOfSaying 8 Say → BegetsPlaceType → PlaceOfSayingTo 9 Say → BegetsPlaceType → PlaceOfSayingFrom |
| Sayer An Agent that Says. <i>Synonym(s)</i> : Utterer | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Sayer → IsAgentTypeBegottenBy → Say 2 Sayer → IsTypeOf → Expresser |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| SayingEvent An Event in which something is Said. <i>Synonym(s):</i> UtteringEvent | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 SayingEvent → IsContextTypeBegottenBy → Say 2 SayingEvent → IsTypeOf → Expression <i>ContextDescription</i> 1 SayingEvent[#1] → HasActType → Say[occ:1] 2 SayingEvent → HasAgentType → Sayer[occ:1-n] 3 SayingEvent → HasResourceType → Utterance[#2.n][occ:1-n] 4 [#2.n] → IsEqualTo → [#1][true:Sometimes] 5 [#2.n] → HasPlace → [#6.n][occ:1-n] 6 SayingEvent → HasResourceType → SourceOfUtterance[#3.n][occ:0-n] 7 [#3.n] → HasPlace → [#5.n][occ:1-n] 8 SayingEvent → HasResourceType → SayingTool[occ:0-n] 9 SayingEvent → HasTimeType → TimeOfSaying[occ:1-n] 10 SayingEvent → HasPlaceType → PlaceOfSaying[#4.n][occ:1-n] 11 SayingEvent → HasPlaceType → PlaceOfSayingFrom[#5.n][occ:0-n] 12 [#5.n] → IsPartOf → [#4.n] 13 SayingEvent → HasPlaceType → PlaceOfSayingTo[#6.n][occ:0-n] 14 [#6.n] → IsEqualTo → [#5.n][occ:1-n][true:Sometimes] 15 [#6.n] → IsPartOf → [#4.n] |
| SayingTool A Tool Used for Saying. <i>Synonym(s):</i> UtteringTool | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 SayingTool → IsResourceTypeBegottenBy → Say 2 SayingTool → IsTypeOf → ExpressingTool |
| Set An Aggregation of Entities that have one or more common attribute(s) but retain their distinct identities. | <i>MeaningType:</i> PartlyDerived <i>Genealogy</i> 1 Set → IsResourceTypeBegottenBy → MakeSet 2 Set → IsTypeOf → Aggregation <i>Type(s)</i> 1 Set → HasType → TermSet 2 Set → HasType → RelationshipSet |
| SetMaker An Agent that Makes a Set. | <i>MeaningType:</i> Derived <i>Genealogy</i> 1 SetMaker → IsAgentTypeBegottenBy → MakeSet 2 SetMaker → IsTypeOf → Aggregator |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| SetMakingEvent An Event in which Resources are Aggregated to form a Set. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SetMakingEvent → IsContextTypeBegottenBy → MakeSet 2 SetMakingEvent → IsTypeOf → AggregatingEvent <i>ContextDescription</i> 1 SetMakingEvent → HasActType → MakeSet[occ:1] 2 SetMakingEvent → HasAgentType → SetMaker[occ:1-n] 3 SetMakingEvent → HasResourceType → Set[#1.n][occ:1-n] 4 [#1.n] → HasPlace → [#5.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 SetMakingEvent → HasResourceType → Member[#2.n][occ:2-n] 7 SetMakingEvent → HasResourceType → SetMakingTool[occ:0-n] 8 SetMakingEvent → HasTimeType → TimeOfSetMaking[occ:1-n] 9 SetMakingEvent → HasPlaceType → PlaceOfSetMaking[#3.n][occ:1-n] 10 SetMakingEvent → HasPlaceType → PlaceOfSetMakingFrom[#9.n][occ:1-n] 11 [#4.n] → IsPartOf → [#3.n] 12 SetMakingEvent → HasPlaceType → PlaceOfSetMakingTo[#5.n][occ:1-n] 13 [#5.n] → IsEqualTo → [#4.n][true:Sometimes] 14 [#5.n] → IsPartOf → [#3.n] |
| SetMakingTool A Tool Used for SetMaking. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SetMakingTool → IsResourceTypeBegottenBy → MakeSet 2 SetMakingTool → IsTypeOf → AggregatingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Situation A Static Context arising from one or more Events. <i>Scope of Situation</i> A <i>Situation</i> is brought about by one or more <i>Events</i> . | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Situation → IsTypeOf → Context 2 Situation → IsStateTypeBegottenBy → Event <i>Type(s)</i> 1 Situation → HasType → Existence <i>ContextDescription</i> 1 Situation → HasActType → Have[occ:1] 2 Situation → HasAgentType → Possessor[occ:1-n] 3 Situation → HasResourceType → Attribute[occ:0-n] 4 Situation → HasTimeType → TimeOfSituation[occ:1-n] 5 Situation → HasPlaceType → PlaceOfSituation[occ:1-n] <i>ContextFamily</i> 1 Situation → BegetsActType → Have 2 Situation → BegetsAgentType → Possessor 3 Situation → BegetsResourceType → Attribute 4 Situation → BegetsTimeType → TimeOfSituation 5 Situation → BegetsPlaceType → PlaceOfSituation 6 Situation → BegetsRelatingTerm → icoPossessor 7 Situation → BegetsRelatingTerm → IsPossessorIn 8 Situation → BegetsRelatingTerm → icoAttribute 9 Situation → BegetsRelatingTerm → IsAttributeIn 10 Situation → BegetsRelatingTerm → icoTimeOfSituation 11 Situation → BegetsRelatingTerm → IsTimeOfPossessionIn 12 Situation → BegetsRelatingTerm → icoPlaceOfSituation 13 Situation → BegetsRelatingTerm → IsPlaceOfPossessionIn 14 Situation → BegetsRelatingTerm → Has 15 Situation → BegetsRelatingTerm → IsAttributeOf 16 Situation → BegetsRelatingTerm → HasTimeOfPossession 17 Situation → BegetsRelatingTerm → IsTimeOfPossessionBy 18 Situation → BegetsRelatingTerm → HasPlaceOfPossession 19 Situation → BegetsRelatingTerm → IsPlaceOfPossessionBy 20 Situation → BegetsQualityType → Had 21 Situation → BegetsQualityType → Having 22 Situation → BegetsQualityType → CapableOfHaving 23 Situation → BegetsQualityType → Attributed |
| SituationType A Class of which every Type of Situation is an Instance. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 SituationType → IsTypeOf → Class |

| | |
|---|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| Sometimes Of something that is sometimes True. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Sometimes → IsAllowedValueOf → Reliability <i>Type(s)</i> 1 Sometimes → HasType → Usually |
| Source A Resource from which another Resource is Made. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Source → IsResourceTypeBegottenBy → Derive 2 Source → IsTypeOf → UsedResource <i>Type(s)</i> 1 Source → HasType → SourceOfManifestation 2 Source → HasType → SourceOfConcept 3 Source → HasType → SourceOfAbstraction 4 Source → HasType → Component 5 Source → HasType → SourceOfAdaptation |
| SourceForPlaying The Source of a PlayedPerformance. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceForPlaying → IsResourceTypeBegottenBy → Play 2 SourceForPlaying → IsTypeOf → SourceOfRendition 3 SourceForPlaying → IsTypeOf → SourceOfPerformance 4 SourceForPlaying → IsA → Fixation |
| SourceForPrinting A Source of a PrintRendition. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceForPrinting → IsResourceTypeBegottenBy → Print 2 SourceForPrinting → IsTypeOf → SourceOfRendition 3 SourceForPrinting → IsTypeOf → SourceOfFixation 4 SourceForPrinting → IsA → Manifestation |
| SourceOfAbstraction A Resource from which another Resource is Abstracted. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfAbstraction → IsResourceTypeBegottenBy → Abstract 2 SourceOfAbstraction → IsTypeOf → Source 3 SourceOfAbstraction → IsA → Manifestation |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| SourceOfAdaptation The Source of an Adaptation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfAdaptation → IsResourceTypeBegottenBy → Adapt 2 SourceOfAdaptation → IsTypeOf → Source 3 SourceOfAdaptation → IsTypeOf → ResourceChangedTransiently <i>Type(s)</i> 1 SourceOfAdaptation → HasType → SourceOfExcerpt 2 SourceOfAdaptation → HasType → SourceOfTransformation |
| SourceOfConcept A Resource from which a Concept is Derived. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfConcept → IsResourceTypeBegottenBy → Conceive 2 SourceOfConcept → IsTypeOf → Source |
| SourceOfExcerpt The Source of an Excerpt. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfExcerpt → IsResourceTypeBegottenBy → Extract 2 SourceOfExcerpt → IsTypeOf → SourceOfAdaptation |
| SourceOfExpression | <i>MeaningType</i> : Derived <i>Type(s)</i> 1 SourceOfExpression → HasType → SourceOfRendition |
| SourceOfFixation A Source of a Fixation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfFixation → IsResourceTypeBegottenBy → Fix 2 SourceOfFixation → IsTypeOf → SourceOfManifestation <i>Type(s)</i> 1 SourceOfFixation → HasType → SourceForPrinting |
| SourceOfManifestation A Source of a Manifestation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfManifestation → IsResourceTypeBegottenBy → Express 2 SourceOfManifestation → IsTypeOf → Source <i>Type(s)</i> 1 SourceOfManifestation → HasType → SourceOfPerformance 2 SourceOfManifestation → HasType → SourceOfFixation 3 SourceOfManifestation → HasType → SourceOfUtterance |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| SourceOfPerformance A Source of a Performance. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfPerformance → IsResourceTypeBegottenBy → Perform 2 SourceOfPerformance → IsTypeOf → SourceOfManifestation <i>Type(s)</i> 1 SourceOfPerformance → HasType → SourceForPlaying |
| SourceOfRendition The Source of a Rendition. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfRendition → IsResourceTypeBegottenBy → Render 2 SourceOfRendition → IsTypeOf → SourceOfTransformation 3 SourceOfRendition → IsTypeOf → SourceOfExpression <i>Type(s)</i> 1 SourceOfRendition → HasType → SourceForPlaying 2 SourceOfRendition → HasType → SourceForPrinting |
| SourceOfTransformation The Source of a Transformation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfTransformation → IsResourceTypeBegottenBy → Transform 2 SourceOfTransformation → IsTypeOf → SourceOfAdaptation <i>Type(s)</i> 1 SourceOfTransformation → HasType → SourceOfRendition 2 SourceOfTransformation → HasType → SourceOfTranslation |
| SourceOfTranslation The Source of a Translation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SourceOfTranslation → IsResourceTypeBegottenBy → Translate 2 SourceOfTranslation → IsTypeOf → SourceOfTransformation 3 SourceOfTranslation → Is → Lexical |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|---|
| SourceOfUtterance A Source of an Utterance. <i>Synonym(s):</i> SourceOfSaidResource <i>Scope of SourceOfUtterance</i> A <i>SourceOfUtterance</i> describes the "content" of an Utterance - the thing that is Said independent of its specific Manifestation on this occasion. For example, the abstract statement "King George III went mad" may be spoken or written in any number of Utterances by any number of Sayers for which it would be a common <i>SourceOfUtterance</i> . Typically such a resource will be an Abstraction, but it may also be a Manifestation (for example, in the reading aloud of a speech, the written speech may be called the <i>SourceOfUtterance</i> and the spoken performance of it the <i>Utterance</i>). | MeaningType: Derived Genealogy 1 SourceOfUtterance → IsResourceTypeBegottenBy → Say 2 SourceOfUtterance → IsTypeOf → SourceOfManifestation |
| Specialize To Ascribe one Resource to another as a Specialized Type. <i>Scope of Specialize</i> <i>Specialization</i> - the establishing of Types - may either be a means of defining new Terms, or a means of Relating existing Terms. <i>Specialize and Beget</i> Terms which are Begotten from an ActType or ContextType though the ContextModel automatically become Specialized Types of the corresponding Terms Begotten from the Archetypes of that ActType or ContextType. | MeaningType: Derived Genealogy 1 Specialize → IsTypeOf → Ascribe ActionFamily 1 Specialize → BegetsContextType → SpecializingEvent 2 Specialize → BegetsAgentType → Specializer 3 Specialize → BegetsResourceType → Type 4 Specialize → BegetsResourceType → Archetype 5 Specialize → BegetsResourceType → SpecializingTool 6 Specialize → BegetsTimeType → TimeOfSpecializing 7 Specialize → BegetsPlaceType → PlaceOfSpecializing 8 Specialize → BegetsRelatingTerm → IsTypeOf 9 Specialize → BegetsRelatingTerm → HasType |
| Specialized The HistoricQuality of Archetype. | MeaningType: Derived Genealogy 1 Specialized → IsQualityTypeBegottenBy → SpecializingEvent 2 Specialized → IsHistoricQualityOf → Archetype 3 Specialized → IsTypeOf → AscribedTo |
| Specializer An Agent that Specializes. | MeaningType: Derived Genealogy 1 Specializer → IsAgentTypeBegottenBy → Specialize 2 Specializer → IsTypeOf → Ascriber |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| SpecializingEvent An Event in which a Resource is Specialized. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SpecializingEvent → IsContextTypeBegottenBy → Specialize 2 SpecializingEvent → IsTypeOf → AscribingEvent <i>ContextDescription</i> 1 SpecializingEvent → HasActType → Specialize[occ:1] 2 SpecializingEvent → HasAgentType → Specializer[occ:1-n] 3 SpecializingEvent → HasResourceType → Type[occ:1-n] 4 SpecializingEvent → HasResourceType → Archetype[occ:1-n] 5 SpecializingEvent → HasResourceType → SpecializingTool[occ:0-n] 6 SpecializingEvent → HasTimeType → TimeOfSpecializing[occ:1-n] 7 SpecializingEvent → HasPlaceType → PlaceOfSpecializing[occ:1-n] <i>ContextFamily</i> 1 SpecializingEvent → BegetsQualityType → Specialized |
| SpecializingTool A Tool Used to Specialize. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 SpecializingTool → IsResourceTypeBegottenBy → Specialize 2 SpecializingTool → IsTypeOf → AscribingTool |
| StandardizedTerm A Term explicitly defined by the MPEG21 Part 6 (RDD) Standard (ISO 21000-6). <i>StandardizedTerm Authority</i> The creation, modification or deletion of a <i>StandardizedTerm</i> requires an Amendment or a Corrigendum to the ISO21000-6 Standard. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 StandardizedTerm → IsTypeOf → Term 2 StandardizedTerm → IsAllowedValueOf → TermStatus 3 StandardizedTerm → Has → RddDefinition[#1][occ:1] 4 StandardizedTerm → Has → RddDefinition[#2.n][occ:0-n] |
| StartTime A Time at which a Context begins. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 StartTime → IsTypeOf → Time |
| StartTimeOfExistence A Time at which an Existence begins. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 StartTimeOfExistence → IsTypeOf → TimeOfExistence 2 StartTimeOfExistence → IsA → StartTime |
| StartTimeOfSituation A Time at which a Situation begins. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 StartTimeOfSituation → IsTypeOf → TimeOfSituation 2 StartTimeOfSituation → IsA → StartTime |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| State An unchanging state which is the result of one or more Contexts. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 State → IsStateTypeBegottenBy → Context <i>Type(s)</i> 1 State → HasType → Association |
| StateType A Class of which every Type of State is an Instance. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 StateType → IsTypeOf → Class |
| Static Of a Resource whose attributes are unchanging (in a particular Context). | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Static → IsAllowedValueOf → Dynamism 2 Static → IsOpposedTo → Dynamic 3 Static → IsPresentQualityOf → State |
| StaticQuality A StaticQuality. <i>Scope of StaticQuality</i> A <i>StaticQuality</i> is a Quality which is recognized as being explicitly incapable of <i>Change</i> within a particular Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 StaticQuality → IsTypeOf → Quality 2 StaticQuality → IsOpposedTo → Status |
| Status A Dynamic Quality. <i>Synonym(s)</i> : DynamicQuality <i>Scope of Status</i> A <i>Status</i> is a Quality which is recognized as being explicitly capable of <i>Change</i> within a particular Context. For example: Married, Available, OutOfPrint, Overweight, InProgress, Complete and Standardized are typical Values of different StatusTypes. Status is commonly inferred from other Classes, Attributes or Ascribed Qualities. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Status → IsOpposedTo → StaticQuality 2 Status → IsTypeOf → Quality <i>Type(s)</i> 1 Status → HasType → AccessStatus 2 Status → HasType → AuthorityStatus |
| StatusType A Class of which every Type of Status is an Instance. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 StatusType → IsTypeOf → Class |
| SubjectTerm The first of the three Terms in a Relationship, being the subject of the RelatingTerm. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 SubjectTerm → IsTypeOf → Term 2 SubjectTerm → IsAttributeOf → Relationship |

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| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| SubjectValue The Value Ascribed to a SubjectTerm in a Relationship. <i>Form of SubjectValue</i> Values may be other Terms, Enumerators of Relationships, strings, integers or ArbitraryValues. Where a <i>SubjectValue</i> is not ascribed in a Relationship, the SubjectTerm shall be presumed to represent all possible Values of its Type. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 SubjectValue → IsTypeOf → Value 2 SubjectValue → IsAttributeOf → Relationship |
| Synonym An AlternativeName for a Term. <i>Scope of Synonym</i> A <i>Synonym</i> may be a natural language Name or any kind of Identifier. Alternative language versions or translations of a <i>Headword</i> are Synonyms. <i>Values of Synonym</i> Like <i>Headwords</i> , <i>Synonyms</i> are commonly expressed as words from a recognizable natural Language. However, Synonyms may also take the form of numbers or codes and so may have a Null Language value. <i>Synonym Authority</i> Each Synonym has at least one Authority, which is identical to the Authority(ies) of the Headword to which it is related. <i>Uniqueness of Synonyms</i> The combination of <i>Headword</i> or Synonym, <i>Language</i> and <i>Authority</i> shall be unique. <i>Synonym Comments</i> A <i>Synonym</i> may have any number of Comments under any number of Authorities in any number of Languages. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Synonym → IsAttributeOf → Headword[occ:0-n] 2 Synonym → IsTypeOf → TermName 3 Synonym → IsTypeOf → AlternativeName 4 Synonym → IsNameOf → Term 5 Synonym → Has → Authority[occ:1-n] 6 Synonym → IsA → TextualElement 7 Synonym → IsA → CommentableTermAttribute 8 Synonym → Has → Language[occ:1] |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Term An RDD semantic element with a defined Meaning and an RddIdentifier. <i>Scope of Term</i> A <i>Term</i> is the basic unit of the RDD Dictionary structure. <i>Term and Headword</i> A <i>Term</i> may have different <i>Headwords</i> (and <i>Synonyms</i>) under different Authorities. Conversely the same Headword (or Synonym) may be used by different Authorities to refer to different Terms. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Term → IsTypeOf → Concept 2 Term → Has → RddIdentifier[occ:1] 3 Term → IsA → TermStatus[occ:1] 4 Term → Has → TermDescription[occ:0-n] 5 Term → Has → Headword[occ:0-n] 6 Term → Has → MeaningType[occ:1] 7 Term → Has → Genealogy[occ:1][true:Sometimes] 8 Term → Has → ContextDescription[occ:1][true:Sometimes] <i>Type(s)</i> 1 Term → HasType → AdoptedTerm 2 Term → HasType → IsolatedTerm 3 Term → HasType → NativeTerm 4 Term → HasType → StandardizedTerm 5 Term → HasType → MappedTerm 6 Term → HasType → RelatingTerm 7 Term → HasType → SubjectTerm 8 Term → HasType → ObjectTerm <i>Membership of Sets</i> 1 Term → IsMemberOf → TermSet[occ:1-n] |
| TermAttribute An Attribute of a Term. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TermAttribute → IsTypeOf → Attribute 2 TermAttribute → IsAttributeOf → Term <i>Type(s)</i> 1 TermAttribute → HasType → TextualElement 2 TermAttribute → HasType → CommentableTermAttribute |

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|--|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| TermDescription A natural language Description of the Meaning of a Term. <i>Occurrence of TermDescription in RDD</i> Each Term may have any number of <i>TermDescriptions</i> under any number of Authorities in any number of Languages. <i>TermDescription Authority</i> Each <i>TermDescription</i> shall have at least one Authority. Wherever a <i>TermDescription</i> exists under a non-RDD Authority, it is included in the RDD Dictionary if possible. <i>TermDescription Language</i> The Language of each <i>TermDescription</i> shall be identified. The value of Language for a <i>TermDescription</i> shall not be Null. <i>TermDescriptions</i> of all Terms other than <i>IsolatedTerms</i> shall at least be expressed in the <i>CommonDescriptionLanguage</i> . <i>TermDescription Comments</i> A <i>TermDescription</i> may have any number of Comments under any number of Authorities in any number of Languages. <i>Types Of TermDescription</i> Each <i>TermDescription</i> shall have exactly one <i>TermDescriptionType</i> . | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 <i>TermDescription</i> → <i>IsTypeOf</i> → <i>Description</i> 2 <i>TermDescription</i> → <i>IsA</i> → <i>TextualElement</i> 3 <i>TermDescription</i> → <i>IsA</i> → <i>CommentableTermAttribute</i> 4 <i>TermDescription</i> → <i>Has</i> → <i>Authority</i> [occ:1-n] 5 <i>TermDescription</i> → <i>Has</i> → <i>Language</i> [occ:1-n] 6 <i>TermDescription</i> → <i>Has</i> → <i>TermDescriptionType</i> [occ:1] <i>Type(s)</i> 1 <i>TermDescription</i> → <i>HasType</i> → <i>Definition</i> 2 <i>TermDescription</i> → <i>HasType</i> → <i>Example</i> |
| TermDescriptionType A Class of which every Type of <i>TermDescription</i> is an Instance. <i>TermDescriptionType Authority</i> The <i>TermDescriptionType</i> for all <i>TermDescriptions</i> are under the <i>RddAuthority</i> , irrespective of the Authority for the <i>TermDescription</i> itself. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 <i>TermDescriptionType</i> → <i>IsTypeOf</i> → <i>Class</i> |
| TermName A Name of a Term. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 <i>TermName</i> → <i>IsTypeOf</i> → <i>Name</i> 2 <i>TermName</i> → <i>IsNameOf</i> → <i>Term</i> <i>Type(s)</i> 1 <i>TermName</i> → <i>HasType</i> → <i>Headword</i> 2 <i>TermName</i> → <i>HasType</i> → <i>Synonym</i> |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| TermSet Two or more Terms or TermSets grouped together under an Authority for any purpose. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 TermSet → IsTypeOf → Set 2 TermSet → HasMember → Term[occ:1-n] 3 TermSet → Has → Authority[occ:1-n] 4 TermSet → IsA → CommentableTermAttribute <i>Type(s)</i> 1 TermSet → HasType → BasicTermSet 2 TermSet → HasType → AuditAttributes 3 TermSet → HasType → TermSet_1 3 TermSet → HasType → TermSet_2 |
| TermSet_1 | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 TermSet_1 → IsTypeOf → TermSet 2 TermSet_1 → HasMember → Context 3 TermSet_1 → HasMember → Relationship |
| TermSet_2 | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 TermSet_1 → IsTypeOf → TermSet 2 TermSet_1 → HasMember → Context 3 TermSet_1 → HasMember → Act |
| TermStatus A Classification of a Term according to its TermAttributes. <i>Occurrence of TermStatus in the RDD Dictionary</i> Each Term shall have exactly one <i>TermStatus</i> . <i>TermStatus Authority</i> The Authority for <i>TermStatus</i> shall be the RddAuthority, <i>Modification of TermStatus</i> The <i>TermStatus</i> of a Term may change when the occurrence of its TermAttributes change. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 TermStatus → IsTypeOf → Class <i>Allowed Values</i> 1 TermStatus → HasAllowedValue → AdoptedTerm 2 TermStatus → HasAllowedValue → IsolatedTerm 3 TermStatus → HasAllowedValue → NativeTerm 4 TermStatus → HasAllowedValue → StandardizedTerm 5 TermStatus → HasAllowedValue → MappedTerm |
| TextualElement A TermAttribute which may be expressed in natural language. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 TextualElement → IsTypeOf → TermAttribute |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Time The temporal parameters of a Context. <i>Scope of Time</i> A <i>Time</i> answers the contextual question When?, typically distinguished in natural language by temporal prepositions such as "in", "before", "after", "during", "on" etc. Contexts may have multiple Times expressed as discrete values or ranges with any required attributes including the Qualities of Precision and continuity. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Time → IsTimeTypeBegottenBy → Act <i>Type(s)</i> 1 Time → HasType → TimeOfEvent 2 Time → HasType → TimeOfSituation 3 Time → HasType → StartTime 4 Time → HasType → EndTime <i>Membership of Sets</i> 1 Time → IsMemberOf → BasicTermSet |
| TimeOfAbstracting A Time of an AbstractingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfAbstracting → IsTimeTypeBegottenBy → Abstract 2 TimeOfAbstracting → IsTypeOf → TimeOfConceiving 3 TimeOfAbstracting → IsTypeOf → TimeOfDeriving |
| TimeOfActivating A Time of an Activation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfActivating → IsTimeTypeBegottenBy → Activate 2 TimeOfActivating → IsTypeOf → TimeOfChanging <i>Type(s)</i> 1 TimeOfActivating → HasType → TimeOfExecuting |
| TimeOfAdapting A Time of an AdaptingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfAdapting → IsTimeTypeBegottenBy → Adapt 2 TimeOfAdapting → IsTypeOf → TimeOfDeriving 3 TimeOfAdapting → IsTypeOf → TimeOfChangingTransiently <i>Type(s)</i> 1 TimeOfAdapting → HasType → TimeOfExtracting 2 TimeOfAdapting → HasType → TimeOfTransforming |
| TimeOfAggregating A Time of an AggregatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfAggregating → IsTimeTypeBegottenBy → Aggregate 2 TimeOfAggregating → IsTypeOf → TimeOfDeriving <i>Type(s)</i> 1 TimeOfAggregating → HasType → TimeOfSetMaking |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| TimeOfAscribing A Time of an AscribingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfAscribing → IsTimeTypeBegottenBy → Ascribe 2 TimeOfAscribing → IsTypeOf → TimeOfRelating <i>Type(s)</i> 1 TimeOfAscribing → HasType → TimeOfNaming 2 TimeOfAscribing → HasType → TimeOfSpecializing 3 TimeOfAscribing → HasType → TimeOfClassifying 4 TimeOfAscribing → HasType → TimeOfQualifying 5 TimeOfAscribing → HasType → TimeOfMeasuring 6 TimeOfAscribing → HasType → TimeOfPartitioning 7 TimeOfAscribing → HasType → TimeOfEvaluating |
| TimeOfBegetting A Time of a BegettingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfBegetting → IsTimeTypeBegottenBy → Beget 2 TimeOfBegetting → IsTypeOf → TimeOfOriginating |
| TimeOfChanging A Time of a ChangingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfChanging → IsTimeTypeBegottenBy → Change 2 TimeOfChanging → IsTypeOf → TimeOfInteraction <i>Type(s)</i> 1 TimeOfChanging → HasType → TimeOfModifying 2 TimeOfChanging → HasType → TimeOfChangingTransiently 3 TimeOfChanging → HasType → TimeOfEnabling 4 TimeOfChanging → HasType → TimeOfActivating 5 TimeOfChanging → HasType → TimeOfDeactivating 6 TimeOfChanging → HasType → TimeOfDisabling |
| TimeOfChangingTransiently A Time of a TransientChangeEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfChangingTransiently → IsTimeTypeBegottenBy → ChangeTransiently 2 TimeOfChangingTransiently → IsTypeOf → TimeOfChanging <i>Type(s)</i> 1 TimeOfChangingTransiently → HasType → TimeOfAdapting |
| TimeOfClassifying A Time of a ClassifyingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfClassifying → IsTimeTypeBegottenBy → Classify 2 TimeOfClassifying → IsTypeOf → TimeOfAscribing |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| TimeOfConceiving A Time of a Conception. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfConceiving → IsTimeTypeBegottenBy → Conceive 2 TimeOfConceiving → IsTypeOf → TimeOfMaking 3 TimeOfConceiving → HasComponent → TimeOfDeriving[true:Sometimes] <i>Type(s)</i> 1 TimeOfConceiving → HasType → TimeOfAbstracting |
| TimeOfDeactivating A Time of a Deactivation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfDeactivating → IsTimeTypeBegottenBy → Deactivate 2 TimeOfDeactivating → IsTypeOf → TimeOfChanging |
| TimeOfDeleting A Time of a Deletion. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfDeleting → IsTimeTypeBegottenBy → Delete 2 TimeOfDeleting → IsTypeOf → TimeOfDestroying |
| TimeOfDeriving A Time of a DerivingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfDeriving → IsTimeTypeBegottenBy → Derive 2 TimeOfDeriving → IsTypeOf → TimeOfMaking 3 TimeOfDeriving → IsTypeOf → TimeOfUsing <i>Type(s)</i> 1 TimeOfDeriving → HasType → TimeOfAbstracting 2 TimeOfDeriving → HasType → TimeOfAggregating 3 TimeOfDeriving → HasType → TimeOfAdapting |
| TimeOfDestroying A Time of a Destruction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfDestroying → IsTimeTypeBegottenBy → Destroy 2 TimeOfDestroying → IsTypeOf → TimeOfInteraction <i>Type(s)</i> 1 TimeOfDestroying → HasType → TimeOfDeleting |
| TimeOfDisabling A Time of a DisablingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfDisabling → IsTimeTypeBegottenBy → Disable 2 TimeOfDisabling → IsTypeOf → TimeOfChanging |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| TimeOfEmbedding A Time of an EmbeddingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfEmbedding → IsTimeTypeBegottenBy → Embed 2 TimeOfEmbedding → IsTypeOf → TimeOfRelating |
| TimeOfEnabling A Time of an EnablingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfEnabling → IsTimeTypeBegottenBy → Enable 2 TimeOfEnabling → IsTypeOf → TimeOfChanging |
| TimeOfEnlarging A Time of an Enlargement. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfEnlarging → IsTimeTypeBegottenBy → Enlarge 2 TimeOfEnlarging → IsTypeOf → TimeOfModifying |
| TimeOfEquating A Time of an EquatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfEquating → IsTimeTypeBegottenBy → Equate 2 TimeOfEquating → IsTypeOf → TimeOfRelating |
| TimeOfEvaluating A Time of an EvaluatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfEvaluating → IsTimeTypeBegottenBy → Evaluate 2 TimeOfEvaluating → IsTypeOf → TimeOfAscribing |
| TimeOfEvent A Time of an Event. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfEvent → IsTimeTypeBegottenBy → Do 2 TimeOfEvent → IsTypeOf → Time 3 TimeOfEvent → HasComponent → TimeOfToolUsage[true:Sometimes] <i>Type(s)</i> 1 TimeOfEvent → HasType → TimeOfMaking 2 TimeOfEvent → HasType → TimeOfInteraction |
| TimeOfExecuting A Time of an Execution. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfExecuting → IsTimeTypeBegottenBy → Execute 2 TimeOfExecuting → IsTypeOf → TimeOfActivating |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| TimeOfExistence A Time of an Existence. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfExistence → IsTimeTypeBegottenBy → Existence 2 TimeOfExistence → IsTypeOf → TimeOfSituation <i>Type(s)</i> 1 TimeOfExistence → HasType → StartTimeOfExistence 2 TimeOfExistence → HasType → EndTimeOfExistence |
| TimeOfExpression A Time of an Expression. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfExpression → IsTimeTypeBegottenBy → Express 2 TimeOfExpression → IsTypeOf → TimeOfMaking 3 TimeOfExpression → HasComponent → TimeOfDeriving[true:Sometimes] <i>Type(s)</i> 1 TimeOfExpression → HasType → TimeOfPerforming 2 TimeOfExpression → HasType → TimeOfFixing 3 TimeOfExpression → HasType → TimeOfSaying 4 TimeOfExpression → HasType → TimeOfRendering |
| TimeOfExtracting A Time of an ExtractingEvent. <i>Synonym(s)</i> : TimeOfExcerpting | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfExtracting → IsTimeTypeBegottenBy → Extract 2 TimeOfExtracting → IsTypeOf → TimeOfAdapting |
| TimeOfFixing A Time of a FixingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfFixing → IsTimeTypeBegottenBy → Fix 2 TimeOfFixing → IsTypeOf → TimeOfExpression <i>Type(s)</i> 1 TimeOfFixing → HasType → TimeOfPrinting |
| TimeOfIdentifying A Time of an IdentifyingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfIdentifying → IsTimeTypeBegottenBy → Identify 2 TimeOfIdentifying → IsTypeOf → TimeOfNaming |
| TimeOfInstalling A Time of an Installation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfInstalling → IsTimeTypeBegottenBy → Install 2 TimeOfInstalling → IsTypeOf → TimeOfInteraction |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| TimeOfInteraction A Time of an Interaction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfInteraction → IsTimeTypeBegottenBy → InteractWith 2 TimeOfInteraction → IsTypeOf → TimeOfEvent <i>Type(s)</i> 1 TimeOfInteraction → HasType → TimeOfUsing 2 TimeOfInteraction → HasType → TimeOfChanging 3 TimeOfInteraction → HasType → TimeOfInstalling 4 TimeOfInteraction → HasType → TimeOfUninstalling 5 TimeOfInteraction → HasType → TimeOfDestroying 6 TimeOfInteraction → HasType → TimeOfRelating |
| TimeOfMaking A Time of a MakingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfMaking → IsTimeTypeBegottenBy → Make 2 TimeOfMaking → IsTypeOf → TimeOfEvent <i>Type(s)</i> 1 TimeOfMaking → HasType → TimeOfOriginating 2 TimeOfMaking → HasType → TimeOfExpression 3 TimeOfMaking → HasType → TimeOfConceiving 4 TimeOfMaking → HasType → TimeOfDeriving |
| TimeOfMeasuring A Time of a MeasuringEvent. <i>Synonym(s)</i> : TimeOfQuantifying | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfMeasuring → IsTimeTypeBegottenBy → Measure 2 TimeOfMeasuring → IsTypeOf → TimeOfAscribing |
| TimeOfModifying A Time of a Modification. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfModifying → IsTimeTypeBegottenBy → Modify 2 TimeOfModifying → IsTypeOf → TimeOfChanging <i>Type(s)</i> 1 TimeOfModifying → HasType → TimeOfEnlarging 2 TimeOfModifying → HasType → TimeOfReducing 3 TimeOfModifying → HasType → TimeOfMoving |
| TimeOfMoving A Time of a Movement. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfMoving → IsTimeTypeBegottenBy → Move 2 TimeOfMoving → IsTypeOf → TimeOfModifying |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| TimeOfNaming A Time of a NamingEvent. <i>Synonym(s)</i> : TimeOfNominating | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfNaming → IsTimeTypeBegottenBy → Nominate 2 TimeOfNaming → IsTypeOf → TimeOfAscribing <i>Type(s)</i> 1 TimeOfNaming → HasType → TimeOfIdentifying |
| TimeOfOpposing A Time of an OpposingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfOpposing → IsTimeTypeBegottenBy → Oppose 2 TimeOfOpposing → IsTypeOf → TimeOfRelating |
| TimeOfOriginating A Time of an OriginatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfOriginating → IsTimeTypeBegottenBy → Originate 2 TimeOfOriginating → IsTypeOf → TimeOfMaking <i>Type(s)</i> 1 TimeOfOriginating → HasType → TimeOfBegetting |
| TimeOfPartitioning A Time of a PartitioningEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfPartitioning → IsTimeTypeBegottenBy → Partition 2 TimeOfPartitioning → IsTypeOf → TimeOfAscribing |
| TimeOfPerception A Time of a Perception. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfPerception → IsTimeTypeBegottenBy → Perceive 2 TimeOfPerception → IsTypeOf → TimeOfUsing |
| TimeOfPerforming A Time of a PerformingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfPerforming → IsTimeTypeBegottenBy → Perform 2 TimeOfPerforming → IsTypeOf → TimeOfExpression <i>Type(s)</i> 1 TimeOfPerforming → HasType → TimeOfPlaying |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| TimeOfPlaying A Time of a PlayingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfPlaying → IsTimeTypeBegottenBy → Play 2 TimeOfPlaying → IsTypeOf → TimeOfRendering 3 TimeOfPlaying → IsTypeOf → TimeOfPerforming |
| TimeOfPrinting A Time of a PrintingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfPrinting → IsTimeTypeBegottenBy → Print 2 TimeOfPrinting → IsTypeOf → TimeOfRendering 3 TimeOfPrinting → IsTypeOf → TimeOfFixing |
| TimeOfQualifying A Time of a QualifyingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfQualifying → IsTimeTypeBegottenBy → Qualify 2 TimeOfQualifying → IsTypeOf → TimeOfAscribing |
| TimeOfReducing A Time of a Reduction. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfReducing → IsTimeTypeBegottenBy → Reduce 2 TimeOfReducing → IsTypeOf → TimeOfModifying |
| TimeOfRelating A Time of a RelatingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfRelating → IsTimeTypeBegottenBy → Relate 2 TimeOfRelating → IsTypeOf → TimeOfInteraction <i>Type(s)</i> 1 TimeOfRelating → HasType → TimeOfEmbedding 2 TimeOfRelating → HasType → TimeOfAscribing 3 TimeOfRelating → HasType → TimeOfEquating 4 TimeOfRelating → HasType → TimeOfOpposing |
| TimeOfRendering A Time of a RenderingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfRendering → IsTimeTypeBegottenBy → Render 2 TimeOfRendering → IsTypeOf → TimeOfTransforming 3 TimeOfRendering → IsTypeOf → TimeOfExpression <i>Type(s)</i> 1 TimeOfRendering → HasType → TimeOfPlaying 2 TimeOfRendering → HasType → TimeOfPrinting |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| TimeOfSaying A Time of a SayingEvent. Synonym(s): TimeOfUttering | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfSaying → IsTimeTypeBegottenBy → Say 2 TimeOfSaying → IsTypeOf → TimeOfExpression |
| TimeOfSetMaking A Time of a SetMakingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfSetMaking → IsTimeTypeBegottenBy → MakeSet 2 TimeOfSetMaking → IsTypeOf → TimeOfAggregating |
| TimeOfSituation A Time during which a Situation persists. Synonym(s): TimeOfPossession | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfSituation → IsTimeTypeBegottenBy → Situation 2 TimeOfSituation → IsTypeOf → Time <i>Type(s)</i> 1 TimeOfSituation → HasType → TimeOfExistence 2 TimeOfSituation → HasType → StartTimeOfSituation 3 TimeOfSituation → HasType → EndTimeOfSituation |
| TimeOfSpecializing A Time of a SpecializingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfSpecializing → IsTimeTypeBegottenBy → Specialize 2 TimeOfSpecializing → IsTypeOf → TimeOfAscribing |
| TimeOfToolUsage A Time of a ToolUsage. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfToolUsage → IsTimeTypeBegottenBy → UseTool 2 TimeOfToolUsage → IsTypeOf → TimeOfUsing |
| TimeOfTransforming A Time of aTransformingEvent. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TimeOfTransforming → IsTimeTypeBegottenBy → Transform 2 TimeOfTransforming → IsTypeOf → TimeOfAdapting <i>Type(s)</i> 1 TimeOfTransforming → HasType → TimeOfRendering 2 TimeOfTransforming → HasType → TimeOfTranslating |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|---|--|
| TimeOfTranslating A Time of aTranslatingEvent. | MeaningType: Derived Genealogy 1 TimeOfTranslating → IsTimeTypeBegottenBy → Translate 2 TimeOfTranslating → IsTypeOf → TimeOfTransforming |
| TimeOfUninstalling A Time of an Uninstallation. | MeaningType: Derived Genealogy 1 TimeOfUninstalling → IsTimeTypeBegottenBy → Uninstall 2 TimeOfUninstalling → IsTypeOf → TimeOfInteraction |
| TimeOfUsing A Time of a Usage. | MeaningType: Derived Genealogy 1 TimeOfUsing → IsTimeTypeBegottenBy → Use 2 TimeOfUsing → IsTypeOf → TimeOfInteraction Type(s) 1 TimeOfUsing → HasType → TimeOfDeriving 2 TimeOfUsing → HasType → TimeOfToolUsage 3 TimeOfUsing → HasType → TimeOfPerception |
| TimeType A Class of which every Type of Time is an Instance. Scope of TimeType TimeType is introduced through the ContextModel as the Class of all Types of Time, one of the six members of the BasicTermSet. Examples of TimeType TimeOfDeriving is the TimeType of the ActType Derive. TimeOfUsing is the TimeType of the ActType Use. TimeOfSituation is the TimeType of the ActType Have. | MeaningType: Derived Genealogy 1 TimeType → IsTypeOf → Class |
| Tool A Resource that is Used to support the execution of another Act. | MeaningType: Derived Genealogy 1 Tool → IsResourceTypeBegottenBy → UseTool 2 Tool → IsTypeOf → UsedResource Type(s) 1 Tool → HasType → ToolForDoing 2 Tool → HasType → ChangingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| ToolForChangingTransiently A Tool Used to ChangeTransiently. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ToolForChangingTransiently → IsResourceTypeBegottenBy → ChangeTransiently 2 ToolForChangingTransiently → IsTypeOf → ChangingTool <i>Type(s)</i> 1 ToolForChangingTransiently → HasType → AdaptingTool |
| ToolForDoing A Tool Used to Do something with. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ToolForDoing → IsResourceTypeBegottenBy → Do 2 ToolForDoing → IsTypeOf → Tool <i>Type(s)</i> 1 ToolForDoing → HasType → MakingTool 2 ToolForDoing → HasType → InteractingTool |
| ToolUsage An Event in which a Tool is Used. <i>Synonym(s)</i> : ToolUsingEvent | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ToolUsage → IsContextTypeBegottenBy → UseTool 2 ToolUsage → IsTypeOf → Usage <i>ContextDescription</i> 1 ToolUsage → HasActType → UseTool[occ:1] 2 ToolUsage → HasAgentType → ToolUser[occ:1-n] 3 ToolUsage → HasResourceType → Tool[occ:1-n] 4 ToolUsage → HasTimeType → TimeOfToolUsage[occ:1-n] 5 ToolUsage → HasPlaceType → PlaceOfToolUsage[occ:1-n] |
| ToolUser An Agent that Uses a Resource as a Tool. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 ToolUser → IsAgentTypeBegottenBy → UseTool 2 ToolUser → IsTypeOf → User |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Transform To Adapt an existing Resource by changing its Form but not its content. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Transform → IsTypeOf → Adapt <i>Type(s)</i> 1 Transform → HasType → Render 2 Transform → HasType → Translate <i>ActionFamily</i> 1 Transform → BegetsContextType → TransformingEvent 2 Transform → BegetsAgentType → Transformer 3 Transform → BegetsResourceType → Transformation 4 Transform → BegetsResourceType → SourceOfTransformation 5 Transform → BegetsResourceType → TransformingTool 6 Transform → BegetsTimeType → TimeOfTransforming 7 Transform → BegetsPlaceType → PlaceOfTransforming 8 Transform → BegetsPlaceType → PlaceOfTransformingFrom 9 Transform → BegetsPlaceType → PlaceOfTransformingTo 10 Transform → BegetsRelatingTerm → IsTransformerOf 11 Transform → BegetsRelatingTerm → IsTransformedBy 12 Transform → BegetsRelatingTerm → IsTransformationOf 13 Transform → BegetsRelatingTerm → HasTransformation |
| Transformation A Resource that is Transformed from another Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Transformation → IsResourceTypeBegottenBy → Transform 2 Transformation → IsTypeOf → Adaptation <i>Type(s)</i> 1 Transformation → HasType → Rendition 2 Transformation → HasType → Translation |
| Transformed The HistoricQuality of Transformation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Transformed → IsQualityTypeBegottenBy → TransformingEvent 2 Transformed → IsHistoricQualityOf → Transformation 3 Transformed → IsTypeOf → Adapted <i>Type(s)</i> 1 Transformed → HasType → Rendered 2 Transformed → HasType → Translated |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Transformer An Agent that Transforms. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Transformer → IsAgentTypeBegottenBy → Transform 2 Transformer → IsTypeOf → Adaptor <i>Type(s)</i> 1 Transformer → HasType → Renderer 2 Transformer → HasType → Translator |
| TransformingEvent An Event in which a Resource is Transformed. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TransformingEvent → IsContextTypeBegottenBy → Transform 2 TransformingEvent → IsTypeOf → AdaptingEvent <i>Type(s)</i> 1 TransformingEvent → HasType → RenderingEvent 2 TransformingEvent → HasType → TranslatingEvent <i>ContextDescription</i> 1 TransformingEvent → HasActType → Transform[occ:1] 2 TransformingEvent → HasAgentType → Transformer[occ:1-n] 3 TransformingEvent → HasResourceType → Transformation[#1.n][occ:1-n] 4 [#1.n] → HasPlace → [#5.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 [#1.n] → HasForm → [#6.n][occ:1-n] 7 TransformingEvent → HasResourceType → SourceOfTransformation[#2.n][occ:1-n] 8 [#2.n] → HasForm → [#7.n][occ:1-n] 9 [#7.n] → IsEqualTo → [#6.n][occ:1-n][true:Never] 10 TransformingEvent → HasResourceType → TransformingTool[occ:0-n] 11 [#4.n] → IsPartOf → [#3.n] 12 TransformingEvent → HasTimeType → TimeOfTransforming[occ:1-n] 13 TransformingEvent → HasPlaceType → PlaceOfTransforming[#3.n][occ:1-n] 14 [#5.n] → IsEqualTo → [#4.n][true:Sometimes] 15 TransformingEvent → HasPlaceType → PlaceOfTransformingFrom[#4.n][occ:1-n] 16 [#5.n] → IsPartOf → [#3.n] 17 TransformingEvent → HasPlaceType → PlaceOfTransformingTo[#5.n][occ:1-n] <i>ContextFamily</i> 1 TransformingEvent → BegetsQualityType → Transformed |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| TransformingTool A Tool Used to Transform. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TransformingTool → IsResourceTypeBegottenBy → Transform 2 TransformingTool → IsTypeOf → AdaptingTool <i>Type(s)</i> 1 TransformingTool → HasType → RenderingTool 2 TransformingTool → HasType → TranslatingTool |
| Transient Of an Entity which ceases to Exist within a particular Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Transient → IsAllowedValueOf → Persistence |
| TransientChangeEvent An Event in which a Resource is ChangedTransiently. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TransientChangeEvent → IsContextTypeBegottenBy → ChangeTransiently 2 TransientChangeEvent → IsTypeOf → ChangingEvent <i>Type(s)</i> 1 TransientChangeEvent → HasType → AdaptingEvent <i>ContextDescription</i> 1 TransientChangeEvent → HasActType → ChangeTransiently[occ:1] 2 TransientChangeEvent → HasAgentType → ChangerTransiently[occ:1-n] 3 TransientChangeEvent → HasResourceType → ResourceChangedTransiently[occ:1-n] 4 TransientChangeEvent → HasResourceType → ToolForChangingTransiently[occ:0-n] 5 TransientChangeEvent → HasTimeType → TimeOfChangingTransiently[occ:1-n] 6 TransientChangeEvent → HasPlaceType → PlaceOfChangingTransiently[occ:1-n] <i>ContextFamily</i> 1 TransientChangeEvent → BegetsQualityType → ChangedTransiently |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Translate To Transform an existing Resource by changing the Language of its Lexical elements without changing their Meaning. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Translate → IsTypeOf → Transform <i>ActionFamily</i> 1 Translate → BegetsContextType → TranslatingEvent 2 Translate → BegetsAgentType → Translator 3 Translate → BegetsResourceType → Translation 4 Translate → BegetsResourceType → SourceOfTranslation 5 Translate → BegetsResourceType → TranslatingTool 6 Translate → BegetsTimeType → TimeOfTranslating 7 Translate → BegetsPlaceType → PlaceOfTranslating 8 Translate → BegetsPlaceType → PlaceOfTranslatingFrom 9 Translate → BegetsPlaceType → PlaceOfTranslatingTo 10 Translate → BegetsRelatingTerm → IsTranslatorOf 11 Translate → BegetsRelatingTerm → IsTranslatedBy 12 Translate → BegetsRelatingTerm → IsTranslationOf 13 Translate → BegetsRelatingTerm → HasTranslation |
| Translated The HistoricQuality of Translation. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Translated → IsQualityTypeBegottenBy → TranslatingEvent 2 Translated → IsHistoricQualityOf → Translation 3 Translated → IsTypeOf → Transformed |
| Translator An Agent that Translates. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Translator → IsAgentTypeBegottenBy → Translate 2 Translator → IsTypeOf → Transformer |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|---|
| TranslatingEvent An Event in which a Resource is Translated. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TranslatingEvent → IsContextTypeBegottenBy → Translate 2 TranslatingEvent → IsTypeOf → TransformingEvent <i>ContextDescription</i> 1 TranslatingEvent → HasActType → Translate[occ:1] 2 TranslatingEvent → HasAgentType → Translator[occ:1-n] 3 TranslatingEvent → HasResourceType → Translation[#1.n][occ:1-n] 4 [#1.n] → HasPlace → [#5.n][occ:1-n] 5 [#2.n] → HasPlace → [#4.n] 6 [#1.n] → HasLanguage → [#6.n][occ:1-n] 7 TranslatingEvent → HasResourceType → SourceOfTranslation[#2.n][occ:1-n] 8 [#2.n] → HasLanguage → [#7.n][occ:1-n] 9 [#7.n] → IsEqualTo → [#6.n][occ:1-n][true:Never] 10 TranslatingEvent → HasResourceType → TranslatingTool[occ:0-n] 11 [#4.n] → IsPartOf → [#3.n] 12 TranslatingEvent → HasTimeType → TimeOfTranslating[occ:1-n] 13 TranslatingEvent → HasPlaceType → PlaceOfTranslating[#3.n][occ:1-n] 14 [#5.n] → IsEqualTo → [#4.n][true:Sometimes] 15 TranslatingEvent → HasPlaceType → PlaceOfTranslatingFrom[#4.n][occ:1-n] 16 [#5.n] → IsPartOf → [#3.n] 17 TranslatingEvent → HasPlaceType → PlaceOfTranslatingTo[#5.n][occ:1-n] <i>ContextFamily</i> 1 TranslatingEvent → BegetsQualityType → Translated |
| TranslatingTool A Tool Used to Translate. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 TranslatingTool → IsResourceTypeBegottenBy → Translate 2 TranslatingTool → IsTypeOf → TransformingTool |
| Translation A Resource that is Translated from another Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Translation → IsResourceTypeBegottenBy → Translate 2 Translation → IsTypeOf → Transformation 3 Translation → Is → Lexical |
| True Of something that is in accordance with fact or reality in a particular Context. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 True → IsAllowedValueOf → Veracity 2 True → IsOpposedTo → False |

| Headword Definition Synonym(s) Comments | MeaningType Genealogy Types (if any) ContextDescription (for Contexts only) Family (for ActTypes or ContextTypes only) Allowed Values (if any) Membership of Sets (if any) |
|--|--|
| <p>Type</p> <p>A Resource which is a Specialized type of another Resource.</p> <p><i>Scope of Type</i></p> <p>A Type inherits all of the attributes of its Archetype, but narrows or "specializes" at least one of them. This may be done, for example, by a formal change to the attributes of the <i>Archetype</i> (for example, the number of occurrences of one of its attributes); by a Classification of an Attribute (for example, <i>Excerpt > IsA > DigitalResource</i> in an ExcerptingEvent); or it may be done by the introduction of new axiomatic meaning into an Attribute (for example, to Adapt is to Derive "by making changes"). These attribute changes are referred to as <i>points of specialization</i> or <i>differentiae</i>.</p> <p><i>Type and Occurrence</i></p> <p>A Type may decrease but not increase the number of Occurrences of its parent (<i>Archetype</i>'s) attributes. For example, if an Archetype's attribute occurs 0-n times, the Type's attribute may occur 0 times, or 1-n times, or 2-3 times, or 14 times, etc; but the reverse cannot happen. This follows the inheritance principle that a "may" can be turned to a "must" or a "may not", but the reverse cannot happen.</p> <p><i>Granularity of Types</i></p> <p>A Type may contain any number of points of Specialization (that is, Attributes specialized in relation to its Archetype(s)), but for orderly development of the Dictionary, Specialization is best carried out on one Attribute at a time wherever possible.</p> <p><i>Levels of Specialization</i></p> <p>All Types of Types (that is, <i>Subtypes</i>) are considered to be Types of the original: for example, as <i>Make</i> is a Type of <i>Do</i>, and <i>Do</i> is a Type of <i>Act</i>, then <i>Make</i> is both a Subtype and a Type of <i>Act</i>, whereas <i>Do</i> is only a Type of <i>Act</i>.</p> | <p>MeaningType: PartlyDerived</p> <p>Genealogy</p> <p>1 Type → IsResourceTypeBegottenBy → Specialize</p> <p>2 Type → IsTypeOf → Ascription</p> |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|---|--|
| Uninstall To follow the instructions provided by an UninstallingResource. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Uninstall → IsTypeOf → InteractWith 2 Uninstall → IsOpposedTo → Install <i>ActionFamily</i> 1 Uninstall → BegetsContextType → Uninstallation 2 Uninstall → BegetsAgentType → Uninstaller 3 Uninstall → BegetsResourceType → UninstallingResource 4 Uninstall → BegetsResourceType → UninstallingTool 5 Uninstall → BegetsTimeType → TimeOfUninstalling 6 Uninstall → BegetsPlaceType → PlaceOfUninstalling |
| Uninstallation An Event in which a Resource is Uninstalled. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Uninstallation → IsContextTypeBegottenBy → Uninstall 2 Uninstallation → IsTypeOf → Interaction <i>ContextDescription</i> 1 Uninstall → HasActType → Uninstall[occ:1] 2 Uninstall → HasAgentType → Uninstaller[occ:1-n] 3 Uninstall → HasResourceType → UninstallingResource[occ:1-n] 4 Uninstall → HasTimeType → TimeOfUninstalling[occ:1-n] 5 Uninstall → HasPlaceType → PlaceOfUninstalling[occ:1-n] |
| Uninstaller An Agent that Uninstalls. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Uninstaller → IsAgentTypeBegottenBy → Uninstall 2 Uninstaller → IsTypeOf → Interactor |
| UninstallingResource A Resource that provides instructions which when followed result in one or more Resources being Disabled or Deleted. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 UninstallingResource → IsResourceTypeBegottenBy → Uninstall 2 UninstallingResource → IsTypeOf → Input |
| UninstallingTool A Tool Used for Uninstalling. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 UninstallingTool → IsResourceTypeBegottenBy → Uninstall 2 UninstallingTool → IsTypeOf → InteractingTool |
| UnitOfMeasure An element on a scale against which a Resource is Measured. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 UnitOfMeasure → IsResourceTypeBegottenBy → Measure 2 UnitOfMeasure → IsTypeOf → AscribingTool |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| Usable The PotentialQuality of UsedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Usable → IsQualityTypeBegottenBy → Usage 2 Usable → IsPotentialQualityOf → UsedResource 3 Usable → IsTypeOf → InteractableWith <i>Type(s)</i> 1 Usable → HasType → Perceivable |
| Usage An Event in which something InteractsWith something else without otherwise changing it. <i>Synonym(s)</i> : UsingEvent | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Usage → IsContextTypeBegottenBy → Use 2 Usage → IsTypeOf → Interaction <i>Type(s)</i> 1 Usage → HasType → DerivingEvent 2 Usage → HasType → ToolUsage 3 Usage → HasType → Perception <i>ContextDescription</i> 1 Usage → HasActType → Use[occ:1] 2 Usage → HasAgentType → User[occ:1-n] 3 Usage → HasResourceType → UsedResource[occ:1-n] 4 Usage → HasResourceType → UsingTool[occ:0-n] 5 Usage → HasTimeType → TimeOfUsing[occ:1-n] 6 Usage → HasPlaceType → PlaceOfUsing[occ:1-n] <i>ContextFamily</i> 1 Usage → BegetsQualityType → Used 2 Usage → BegetsQualityType → Usable |
| Use To InteractWith something without Modifying it. <i>Scope of Use</i> <i>Use</i> is defined in opposition to <i>Change</i> , in that a UsedResource does not have its attributes changed by the Use. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Use → IsTypeOf → InteractWith <i>Type(s)</i> 1 Use → HasType → Derive 2 Use → HasType → UseTool 3 Use → HasType → Perceive <i>ActionFamily</i> 1 Use → BegetsContextType → Usage 2 Use → BegetsAgentType → User 3 Use → BegetsResourceType → UsedResource 4 Use → BegetsResourceType → UsingTool 5 Use → BegetsTimeType → TimeOfUsing 6 Use → BegetsPlaceType → PlaceOfUsing |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|---|
| Used The HistoricQuality of UsedResource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 Used → IsQualityTypeBegottenBy → Usage 2 Used → IsHistoricQualityOf → UsedResource 3 Used → IsTypeOf → InteractedWith <i>Type(s)</i> 1 Used → HasType → Perceived |
| UsedResource A Resource that is Used. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 UsedResource → IsResourceTypeBegottenBy → Use 2 UsedResource → IsTypeOf → Input <i>Type(s)</i> 1 UsedResource → HasType → Source 2 UsedResource → HasType → Tool 3 UsedResource → HasType → Percept |
| User An Agent that Uses a Resource. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 User → IsAgentTypeBegottenBy → Use 2 User → IsTypeOf → Interactor <i>Type(s)</i> 1 User → HasType → Deriver 2 User → HasType → ToolUser 3 User → HasType → Perceiver |
| UseTool To Use a Resource to support the execution of another ActType. | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 UseTool → IsTypeOf → Use <i>ActionFamily</i> 1 UseTool → BegetsContextType → ToolUsage 2 UseTool → BegetsAgentType → ToolUser 3 UseTool → BegetsResourceType → Tool 4 UseTool → BegetsTimeType → TimeOfToolUsage 5 UseTool → BegetsPlaceType → PlaceOfToolUsage |

| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
|--|--|
| UsingTool A Tool Used when Using something else. <i>Scope of UsingTool</i> A <i>UsingTool</i> is not the same as the <i>UsedResource</i> , but is another <i>Resource</i> which is employed to help when <i>Using</i> the <i>UsedResource</i> : so (for example) a computer may be a <i>UsingTool</i> to support the <i>Use</i> of a document. | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 <i>UsingTool</i> → <i>IsResourceTypeBegottenBy</i> → <i>Use</i> 2 <i>UsingTool</i> → <i>IsTypeOf</i> → <i>InteractingTool</i> <i>Type(s)</i> 1 <i>UsingTool</i> → <i>HasType</i> → <i>DerivingTool</i> 2 <i>UsingTool</i> → <i>HasType</i> → <i>PerceivingTool</i> |
| Usually Of something that is usually <i>True</i> . | <i>MeaningType</i> : <i>PartlyDerived</i> <i>Genealogy</i> 1 <i>Usually</i> → <i>IsAllowedValueOf</i> → <i>Reliability</i> 2 <i>Usually</i> → <i>IsTypeOf</i> → <i>Sometimes</i> |
| Utterance A <i>Manifestation</i> that is <i>Expressed</i> in words. <i>Synonym(s)</i> : <i>LexicalManifestation</i> , <i>SaidResource</i> | <i>MeaningType</i> : Derived <i>Genealogy</i> 1 <i>Utterance</i> → <i>IsResourceTypeBegottenBy</i> → <i>Say</i> 2 <i>Utterance</i> → <i>IsTypeOf</i> → <i>Manifestation</i> 3 <i>Utterance</i> → <i>Is</i> → <i>Lexical</i> <i>Type(s)</i> 1 <i>Utterance</i> → <i>HasType</i> → <i>Description</i> |
| Value An instance of a <i>Term</i> . | <i>MeaningType</i> : <i>PartlyDerived</i> <i>Genealogy</i> 1 <i>Value</i> → <i>IsResourceTypeBegottenBy</i> → <i>Evaluate</i> 2 <i>Value</i> → <i>IsTypeOf</i> → <i>Ascription</i> <i>Type(s)</i> 1 <i>Value</i> → <i>HasType</i> → <i>SubjectValue</i> 2 <i>Value</i> → <i>HasType</i> → <i>ObjectValue</i> 3 <i>Value</i> → <i>HasType</i> → <i>ArbitraryValue</i> 4 <i>Value</i> → <i>HasType</i> → <i>AllowedValue</i> |
| Veracity The <i>Quality</i> of truthfulness of a statement. | <i>MeaningType</i> : <i>PartlyDerived</i> <i>Genealogy</i> 1 <i>Veracity</i> → <i>IsTypeOf</i> → <i>Quality</i> <i>Allowed Values</i> 1 <i>Veracity</i> → <i>HasAllowedValue</i> → <i>True</i> 2 <i>Veracity</i> → <i>HasAllowedValue</i> → <i>False</i> |

| | |
|--|---|
| Headword Definition Synonym(s) Comments | <i>MeaningType</i> <i>Genealogy</i> <i>Types (if any)</i> <i>ContextDescription (for Contexts only)</i> <i>Family (for ActTypes or ContextTypes only)</i> <i>Allowed Values (if any)</i> <i>Membership of Sets (if any)</i> |
| Whole A Resource which contains another Resource. <i>Synonym(s)</i> : PartitionedResource | <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 Whole → IsResourceTypeBegottenBy → Partition 2 Whole → IsTypeOf → AscribedResource |

Table 3 — Standardized Terms

6 Relationship between REL and RDD

There are a number of specific mechanisms by which Terms defined within the RDD may be represented in the REL. Four are described in this Clause, and others are illustrated by the combination of Annex D (D.2) of this standard and Annex C of the REL Standard (ISO 21000 Part 5).

6.1 REL “Multimedia Rights” as RDD ActTypes

REL defines a set of XML Schema Complex Types that, in the XML Schema sense, derive from (either extend or restrict) the conceptually abstract type Right (from the REL core namespace). Some of these types reside in the urn:mpeg:mpeg21:2002:01-REL-NS namespace. For convenience, in this Clause these types are called “Multimedia Rights”.

Each activity has a context that can be related to particular ActType(s) within the RDD ontology. An activity is said to be within the scope of a particular Multimedia Right if the activity’s context is a contextualization of the ActType corresponding to that Multimedia Right. The ActTypes corresponding to the Multimedia Rights are given in Clause 5.2 above.

6.2 Other RDD ActTypes as REL Rights

RDD ActTypes other than those in Clause 5.2 above can be expressed using REL with XML Schema Complex Types that derive from the conceptually abstract type Right (from the REL core namespace).

6.3 RDD ResourceTypes as REL Resources

RDD ResourceTypes can be expressed using REL with XML Schema Complex Types that derive from the conceptually abstract type Resource (from the REL core namespace).

6.4 RDD ContextTypes as REL Conditions

RDD ContextTypes can be indicated using REL with XML Schema Complex Types that derive from the conceptually abstract type Condition (from the REL core namespace).

Annex A (Normative)

Methodology and Structure of the RDD Dictionary

A.1 Preamble

The RDD Dictionary set out in Clause 5.4 of the Standard has the characteristics of a structured ontology, in which meaning, once defined, can be passed on from one term to another by logical rules of association such as inheritance and opposition. It is designed to provide a set of well-defined terms for use in rights expressions governing the use of Digital Items. In recognition of the great diversity and complexity associated with multimedia content, it is also designed to represent as many different specializations of meaning as its users require, and to show their relationships in a structured way in order to support the mapping and transformation of terms between different schemas and systems.

The methodology described here has been used to create the StandardizedTerms for the RDD Dictionary, and may be used in future so that new terms can be introduced under the governance of the Registration Authority, requirements for which are set out in Annex C. The StandardizedTerms in the RDD Dictionary are therefore not a closed list, but the foundations of a completely extensible Rights Data Dictionary.

A.2 Term

Term is defined in the RDD Dictionary as “A semantic element with a defined Meaning and an RddIdentifier”. A Term is the basic unit of the RDD Dictionary structure.

A.2.1 TermAttributes

Standardized TermAttributes are represented in Figure 2 and described in the remaining sections of this Clause.

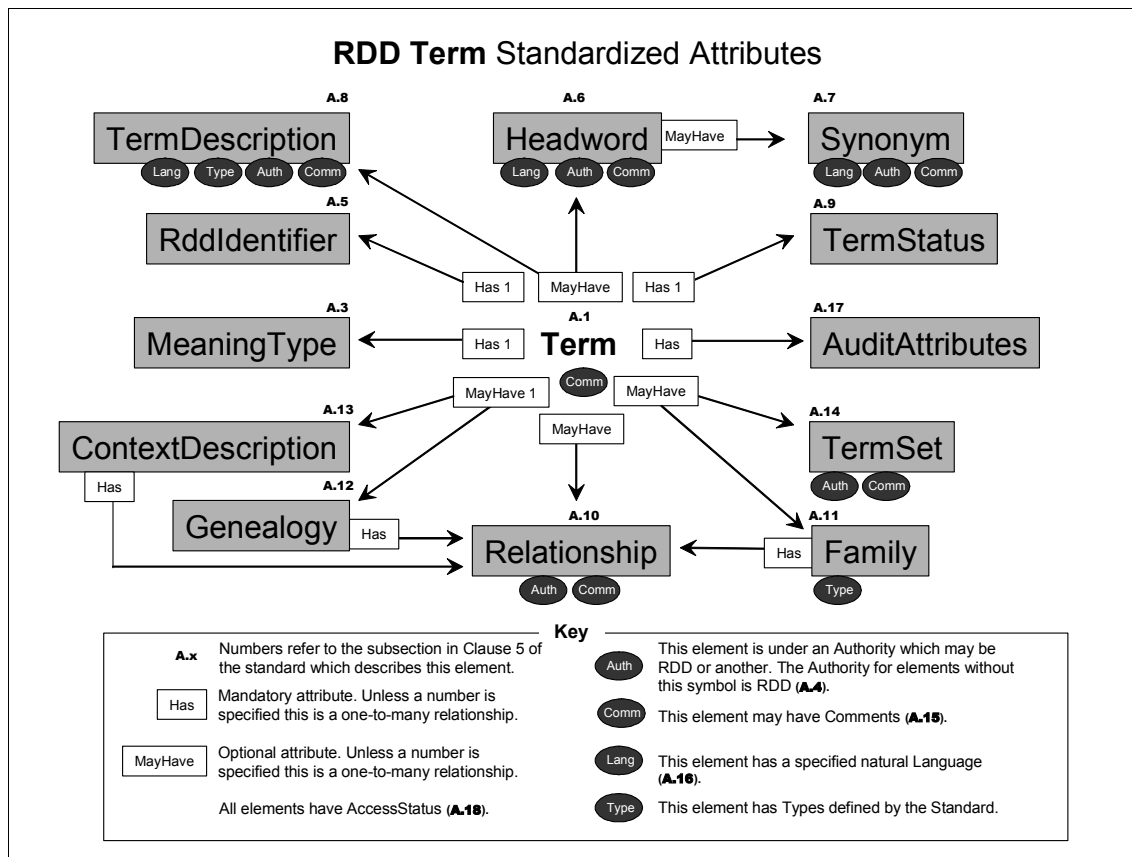


Figure 2 - (Normative) Standardized Attributes of a Term

A.3 MeaningType

Meaning is defined in the RDD Dictionary as “An abstract element of significance represented in RDD by a Term”. Each Term has exactly one of the MeaningTypes set out in Table 3.

| Headword RddDefinition | Comments (Informative) |
|---|---|
| OriginalMeaning A Meaning entirely comprised of semantic material introduced from outside of the RDD. | The FirstTerm “Act” is the only RddAuthorized Term with an OriginalMeaning. |
| PartlyDerivedMeaning A Meaning comprised of original semantic material, combined with one or more existing Meanings derived from related Terms. | Meaning is derived through inheritance and other Relationships which are established, directly or indirectly, on the basis of the ContextModel (A11.1). The RelatingTerms, which establish inheritance, are set out under Genealogy (A.12). |
| DerivedMeaning A Meaning wholly comprised of a combination of two or more existing Meanings derived from related Terms. | |

Table 3 — MeaningTypes

A.3.1 FirstTerm

The FirstTerm in the RDD Dictionary is **Act**, defined self-referentially as “to act”. The FirstTerm is the only RddAuthorized Term with an OriginalMeaning.

Comment (Informative): Every verb is a specialization of “Act”, including verbs with or without Agents; transitive and intransitive verbs (with or without Resources); “passive” verbs of occurrence; and “static” verbs of being and possessing (eg “Have” and “Exist”) which involve no attribute change, whether Transient or Permanent.

Comment (Informative): Although it is avoided in general, definitions in RDD may be self-referential (that is, using the Headword, or a related word, in the definition) because a Headword is a convenient token with no inherent semantic value.

A.3.2 ActType

An ActType is defined in the RDD Dictionary as “a Class of which every Type of Act is an Instance”.

A.3.3 Generation of Terms from the FirstTerm

After ActType, the first group of Terms that derive their Meaning from the FirstTerm are the members of the BasicTermSet of the ContextModel (see A.11.1).

A.4 Authority

Authority is defined in the RDD Dictionary as “An Agent responsible for Ascribing an Attribute to a Term or TermAttribute”. Properties of Authority shall be constrained as set out in Table 4.

| Property of Authority | Constraints |
|-----------------------|---|
| Scope | An Authority may be a legal or natural person. |
| Identification | An Authority shall be identified by a unique AuthorityID to be allocated by the |

| | |
|--|---------------------------|
| | RddRegistrationAuthority. |
|--|---------------------------|

Table 4 — Authority: constraints

A.5 RddIdentifier

RddIdentifier is defined in the RDD Dictionary as “the unique Identifier of a Term in the RDD Dictionary”. Properties of RddIdentifier are constrained as set out in Table 5.

| Property of RddIdentifier | Constraints |
|---------------------------|---|
| Occurrence | These will not be created until the RDD Dictionary is implemented in the RDD Database by the RDD Registration Authority. Each Term shall have exactly one RddIdentifier. RddIdentifiers shall be expressible as URIs in the form xxx:yyy where “xxx” represents the RDD Term Identifier Prefix as defined in Clause 1.3 and “yyy” will be in a form to be determined by the Registration Authority. |
| Uniqueness | An RddIdentifier shall be unique within RDD. |
| Authority | The Authority for an RddIdentifier shall be the RDD Authority. |

Table 5 — RddIdentifier: constraints

A.6 Headword

Headword is defined in the RDD Dictionary as “The primary, human-readable Name of a Term according to its Authority”. Properties of Headword are constrained as set out in Table 6.

| Property of Headword | Constraints |
|----------------------|--|
| Occurrence | A Term may have Headwords under any number of Authorities in any number of Languages, and shall have at most one Headword in any one Language under any one Authority. |
| Authority | Each Headword shall have at least one Authority. Comment (Informative): A Term may have different Headwords (and Synonyms) under different Authorities. Conversely the same Headword (or Synonym) may be used by different Authorities to refer to different Terms. |
| Language | The Language of each Headword shall be identified in accordance with A.. The value of Language for a Headword may be Null. Comment (Informative): Headwords are commonly expressed as words or phrases from a recognizable natural Language. However, Headwords may also take the form of numbers or codes and so may have a Null Language value. |
| Uniqueness | The combination of Headword or Synonym, Language and Authority shall be unique. |
| Comments | A Headword may have any number of Comments under any number of Authorities in any number of Languages. |
| Synonym | A Headword may have any number of Synonyms under the same Authority(ies) as the Headword. |

Table 6 — Headword: constraints**A.7 Synonym**

Synonym is defined in the RDD Dictionary as “An alternative Name of a Term”. Properties of Synonym shall be constrained as set out in Table 7.

| Property of Synonym | Constraints |
|---------------------|--|
| Scope | A Synonym may be a natural language Name or any kind of Identifier. Alternative language versions or translations of a Headword are Synonyms. |
| Authority | Each Synonym has at least one Authority, which is identical to the Authority(ies) of the Headword to which it is related. |
| Language | The Language of each Synonym is identified in accordance with A15. The value of Language for a Synonym may be Null. Comment (Informative): Like Headwords, Synonyms are commonly expressed as words from a recognizable natural Language. However, Synonyms may also take the form of numbers or codes and so may have a Null Language value. |
| Uniqueness | The combination of Headword or Synonym, Language and Authority shall be unique. |
| Comments | A Synonym may have any number of Comments under any number of Authorities in any number of Languages. |

Table 7 — Synonym: constraints

A.8 TermDescription

TermDescription is defined in the RDD Dictionary as “A natural language Description of the Meaning of a Term.” Properties of TermDescription shall be constrained as set out in Table 8.

| Property of TermDescription | Constraints |
|-----------------------------|---|
| Occurrence | Each Term may have any number of TermDescriptions under any number of Authorities in any number of Languages. |
| Authority | Each TermDescription shall have at least one Authority. Comment (Informative): Wherever a TermDescription exists under a non-RDD Authority, it should be included in the RDD Dictionary if possible. |
| Language | The Language of each TermDescription shall be identified in accordance with A.15. The value of Language for a TermDescription shall not be Null. TermDescriptions of all Terms other than IsolatedTerms shall at least be expressed in the CommonDescriptionLanguage. |
| Comments | A TermDescription may have any number of Comments under any number of Authorities in any number of Languages. |
| Types | Each TermDescription shall have exactly one TermDescriptionType. |

Table 8 — TermDescription: constraints

A.8.1 TermDescriptionType

TermDescriptionType is defined in the RDD Dictionary as “A Class of which every Type of TermDescription is an Instance.” Properties of TermDescriptionType shall be constrained as set out in Table 9.

| Property of TermDescription | Constraints |
|-----------------------------|--|
| Authority | The TermDescriptionType for all TermDescriptions are under the RddAuthority, irrespective of the Authority for the TermDescription itself. |
| Values | The Types of TermDescription are as set out in Table 8. |

Table 9 — TermDescriptionType: constraints

| | |
|--|---|
| Headword RddDefinition | Constraints |
| Definition A TermDescription according to formal rules. | <p>A Term may have any number of Definitions under any number of Authorities. Each Authority may establish its own formal rules for Definitions..</p> <p>Comment (Informative): The wording of two Definitions may vary but they may be considered to represent the same Meaning. This is tautologically true for translated Definitions, but can also apply to Definitions in the same Language under two different Authorities.</p> |
| RddDefinition An RddAuthorized Definition of a Term. | <p>A StandardizedTerm or NativeTerm shall have exactly one RddDefinition in the CommonDescriptiveLanguage, and may have translations of this in any number of Languages.</p> <p>The Authority for an RddDefinition is the RddAuthority.</p> <p>Rules (Normative) and guidelines (Informative) for writing RddDefinitions are shown in Annex B</p> |
| AdoptedDefinition A Definition adopted by the RddAuthority from another Authority. | <p>An AdoptedTerm shall have one AdoptedDefinition in the CommonDescriptionLanguage, and may have translations of this in any number of Languages.</p> <p>The Authorities for an AdoptedDefinition are the RddAuthority and the Authority from whom the AdoptedDefinition is obtained.</p> |
| Example An instance of usage illustrating the Meaning of a Term. | Each Term may have any number of Examples under any number of Authorities in any Language. |

Table 10 — TermDescriptionTypes: AllowedValues

A.9 TermStatus

TermStatus is defined in the RDD Dictionary as “A Status of a Term according to its TermAttributes”. Properties of TermStatus shall be constrained as set out in Table 11.

| Property of TermStatus | Constraints |
|------------------------------|---|
| Occurrence | Each Term shall have exactly one TermStatus. |
| AllowedValues | The AllowedValues of TermStatus shall be as set out in Table 10. |
| Occurrence of TermAttributes | The occurrence of RddAuthorized TermAttributes, which a Term shall have according to its TermStatus, shall be as set out in Table 11. |
| Authority | The Authority for TermStatus shall be the RddAuthority, governed as set out in Table 12. |
| Modification | The TermStatus of a Term may change when the occurrence of its TermAttributes change. |

Table 11 — TermStatus: constraints

| AllowedValue of TermStatus RddDefinition (from Clause 5.4) | Constraints |
|--|--|
| StandardizedTerm A Term explicitly defined by this Standard (MPEG21000-6). | The creation, modification or deletion of a StandardizedTerm requires an Amendment or a Corrigendum to this Standard. |
| NativeTerm A Term other than a StandardizedTerm that has an RddAuthorized Headword and an RddDefinition. | <p>A Term shall have an RddAuthorized Headword and RddDefinition when it is Begotten from another NativeTerm, or inherits Meaning from another NativeTerm or StandardizedTerm without reliance upon non-RDD qualifications.</p> <p>Comment (Informative): NativeTerms are established by the RddRegistrationAuthority rather than explicitly by this Standard, but otherwise have the same properties as StandardizedTerms.</p> <p>A Term may be given an RddAuthorized Headword and RddDefinition when it has Headwords registered by two or more Authorities.</p> <p>Comment (Informative): This provision enables two or more equivalent Terms from Authorities other than RDD to be mapped to a common RddAuthorized Term.</p> |
| AdoptedTerm A Term with a Headword and Definition under an Authority other than the RddAuthority, upon which the RddAuthority has chosen to rely. | <p>The RddRegistrationAuthority may cede the governance of the Definition and Headword of a Term and its Types to another Authority provided that:</p> <ul style="list-style-type: none"> (a) the Authority is recognized by the RddRegistration Authority as having established authority for a specific TermSet of interest under its criteria for adding Terms; (b) the Term or TermSet can be mapped consistently to RDD NativeTerms; and (c) the Term or TermSet has an established method of maintenance. |
| MappedTerm A Term under an Authority other than the RddAuthority, which has an RddIdentifier and at least one Relationship with a Term other than an IsolatedTerm. | <p>A MappedTerm has a Genealogy but does not meet the criteria for Adopted, Native or Standardized Terms.</p> <p>Comment (Informative): MappedTerms originate from Authorities other than RddAuthority, and typically occur under just one Authority. A Term under two or more non-RDD Authorities normally becomes a NativeTerm but this is not mandatory, to allow for the mapping of highly localized, proprietary or restricted Terms to one another.</p> |
| IsolatedTerm A Term under an Authority other than the RddAuthority, which has an RddIdentifier but no Relationship with a Term other than another Isolated Term. | <p>A Term is Isolated when it has been registered by another Authority and</p> <ul style="list-style-type: none"> (a) mapping is not, or not yet, possible; or (b) mapping is not required by the Authority, but the Authority wishes to add the Term to its RDD TermSet. |

Table 12 — TermStatus: AllowedValues

| Ref | TermStatus → ↓ TermAttribute | Stand'dizedT erm | Native Term | Adopted Term | Mapped Term | Isolated Term |
|------|---------------------------------|---------------------|----------------|-----------------|----------------|------------------|
| A.3 | MeaningType | 1 | 1 | 1 | 1 | 0 |
| A.5 | RddIdentifier | 1 | 1 | 1 | 1 | 1 |
| A.6 | Headword | 1 | 1 | 1 | 1 | 0 |
| A.7 | Synonym | 0-n | 0-n | 0-n | 0 | 0 |
| A.8 | TermDescription | 1 | 1 | 1 | 0 | 0 |
| A.9 | TermStatus | 1 | 1 | 1 | 1 | 1 |
| A.10 | Relationship | 1-n | 1-n | 1-n | 1-n | 0 |
| A.11 | Family | 0-1 | 0-1 | 0-1 | 0 | 0 |
| A.12 | Genealogy | 1 | 1 | 1 | 1 | 0 |
| A.13 | ContextDescription | 0-1 | 0-1 | 0-1 | 0-1 | 0 |
| A.14 | TermSet | 0-n | 0-n | 0-n | 0-n | 0-n |
| A.15 | Comment | 0-n | 0-n | 0-n | 0-n | 0-n |

Table 13 — TermStatus: Occurrence of RddAuthorized TermAttributes

A.9.1 TermStatus: Governance

Terms shall be subject to RDD Governance mechanisms according to their TermStatus as shown Table 14.

| TermStatus → ↓ Governance mechanism | Stand'dized Term | Native Term | Adopted Term | Mapped Term | Isolated Term |
|--|---------------------|-------------|-----------------|-------------|---------------|
| RddRegistrationAuthority | No | Yes | Yes | No | No |
| Governance by ISO | Yes | No | No | No | No |

Table 14 — RDD Governance by TermStatus

A.9.2 TermStatus: Normative AdoptedTerms

Headwords shall be Adopted from the referenced Authorities for the TermSets as set out in Table 15.

| Adopted TermSet | Authority |
|-------------------------|-----------|
| Territory | ISO 3166 |
| Language | ISO 639-2 |
| Currency | ISO 4217 |
| Date/Time Format | ISO 8601 |

Table 15 — Normative Adopted TermSets

A.10 Relationship

Relationship is defined in the RDD Dictionary as “a formal RDD representation of a State in which two Entities are Associated.”). Properties of Relationship shall be constrained as set out in Table 16.

| Property of Relationship | Constraints |
|--------------------------|--|
| Occurrence | Each Term (other than an IsolatedTerm) shall have at least one defined Relationship with another Term (other than an IsolatedTerm) within the RDD. |
| Authority | A Relationship shall be under at least one Authority. |

Table 16 — Relationship: constraints

A.10.1 Relationship: Structure

Relationships are conventionally presented in this Standard as a group of attributes, using a sequence and syntax as illustrated in Figure 3.

Enumerator SubjectTerm [SubjectValue] → RelatingTerm → ObjectTerm [ObjectValue] [occ:n]
[true:Value] [prec:Value] [StartTime:Value] [EndTime:Value] [auth:Value]

Figure 3 - (Informative) Conventional presentation of a Relationship

Examples (Informative)

Examples of conventional presentation of Relationships
1 Doing → IsTypeOf → Acting
2 DerivingEvent [#1] → HasAgentType → Deriver [#2]
3 foo:Writer → IsEqualTo → Translator [true:Never]
4 foo:Writer → IsEqualTo → Author [prec:Approximately] [auth:foo]
5 Euro → IsCurrencyOf → France [StartTime:20010101]

Figure 4 - (Informative) Example of a Relationship

A.10.2 Relationship: Representation syntax

Symbols have syntactic value for presentation for the purposes of this Standard only as shown in Table 15. For presentation purposes Terms are represented in a Relationship by a Headword. For non-RddAuthority Terms the Headword is prefixed by its Authority followed by a colon.

| | |
|-------|--|
| → | A separator between the three Terms in a Relationship. |
| [] | Containing an optional element. |
| #n | Signifies an ArbitraryValue of “n”. |
| “...” | Quotation marks around a Value indicates that the Value is not itself an RDD Term. |

Table 17 — Symbols used in representation syntax for Relationships

A.10.3 Relationship: Attributes

A Relationship has basic elements as set out in Table 18.

| Attribute | Description | Occurs |
|-------------------|--|--------|
| Enumerator | A unique internal identifier of a Relationship. | 1 |
| SubjectTerm | The first of the three Terms in a Relationship, being the subject of the RelatingTerm. | 0-1 |
| [SubjectValue] | A Value ascribed to the SubjectTerm. Values may be other Terms, Enumerators of Relationships, strings, integers or ArbitraryValues. Where a Value is not ascribed, the SubjectTerm shall be presumed to represent all possible Values of its Type. | 0-1 |
| RelatingTerm | The Term that describes the predicate or nature of the association between the SubjectTerm and ObjectTerm within a Relationship. | 1 |
| ObjectTerm | The third of the three Terms in a Relationship, being the object of the RelatingTerm. | 0-1 |
| [ObjectValue] | A Value ascribed to the ObjectTerm. Values may be other Terms, Enumerators of Relationships, strings, integers or ArbitraryValues. Where a Value is not ascribed, the ObjectTerm shall be presumed to represent all possible Values of its Type. | 0-1 |
| [occ:n] | The number ("n") of possible occurrences of this Relationship Type in a Context. When used in a ContextDescription, this number applies to the described Context only. | 0-1 |
| [true:Value] | <p>The Value of the QualityType "Reliability" ascribed to the RelatingTerm, expressing the frequency with which the Relationship is True. AllowedValues are "Always", "Usually", "Sometimes" and "Never". The default Value is "Always".</p> <p>"Always", "Sometimes" and "Never" correspond to the values "must", "may" and "must not" which are commonly used in other schemas. The value "Usually" corresponds to a Type of "may". The distinction between "Usually" and "Sometimes" is made in RDD to allow preference to be expressed in ambiguous mappings. For example, this pair of relationships:</p> <p>1 foo:Writer → isSynonymOf → Author [true:Usually] 2 foo:Writer → isSynonymOf → Translator [true:Sometimes].</p> <p>would allow a human or machine Agent to apply probability criteria for selection.</p> | 0-1 |
| [prec:Value] | The Value of the QualityType "Precision" ascribed to the RelatingTerm, expressing the accuracy with which the Relationship is represented. AllowedValues are "Exact" and "Approximate". The default Value is "Exact". | 0-1 |
| [StartTime:Value] | The Time from which the Relationship is valid. | 0-1 |
| [EndTime:Value] | The Time until which the Relationship is valid. | 0-1 |
| [auth:Value] | An Authority authorizing the Relationship. | 1-n |

Table 18 — Attributes of a Relationship

A Relationship must contain at least either a SubjectTerm or a SubjectValue, and at least either an ObjectTerm or ObjectValue. Where a Relationship is dependent upon another via ArbitraryValues (A.10.4), SubjectTerm and/or ObjectTerm need not occur. Where it is independent, SubjectTerm and ObjectTerm must occur.

All attributes of Relationships other than the above may be represented by other Relationships. Some common attributes are represented by syntactic conventions as shown in Table 16. These representations are conventional: as an alternative each of these attributes is capable of being represented by further Relationships

A.10.4 Relationship: Use of ArbitraryValues

When Relationships are grouped in Genealogies or ContextDescriptions, ArbitraryValues may be assigned to SubjectTerm and/or ObjectTerm in each triple for referential integrity to support the further logical Relationships which may be required for a complete description. ArbitraryValues shall be unique and valid only within a specific Genealogy or Context Description. In this Standard ArbitraryValues are prefixed by a hash symbol (eg #4).

Example (Informative): Two triples showing that the ResourceType “DeletedResource” always belongs to the Class of DigitalResource, make use of ArbitraryValues in this way:

| | |
|---|---|
| 1 | DeletingEvent [#1] → HasResourceType → DeletedResource [#2] |
| 2 | [#2] → IsA → DigitalResource |

Figure 5 - (Informative) Use of ArbitraryValues (1)

Where an ArbitraryValue is assigned to a Term in a Relationship that has multiple occurrences within a group of Relationships such as ContextDescription (A.13) it is assigned an ArbitraryValue in the form [#n.n]. For each occurrence the second number of the ArbitraryValue is to be incremented.

Example (Informative): A triple from a ContextDescription showing that the ContextType MakingEvent has one or more Outputs:

| | |
|---|--|
| 1 | MakingEvent [#1] → HasResourceType → Output [#3.n] [occ:1-n] |
|---|--|

Figure 6 - (Informative) Use of ArbitraryValues (2)

A.11 Family

Family is defined in the RDD Dictionary as “A group of Relationships that determine attribute inheritance from one Term to others according to the ContextModel”. There are two Types of Families of Terms: ActionFamily and ContextFamily.

A.11.1 The RDD ContextModel

The structure of a Family is derived from the RDD ContextModel, illustrated in Figure 7. The ContextModel defines a group of five Terms (the “BasicTermSet”) with associated Classes and RelatingTerms whose application to a specific ActType or ContextType results in the definition of a Family group of new Terms with DerivedMeanings and PartlyDerivedMeanings.

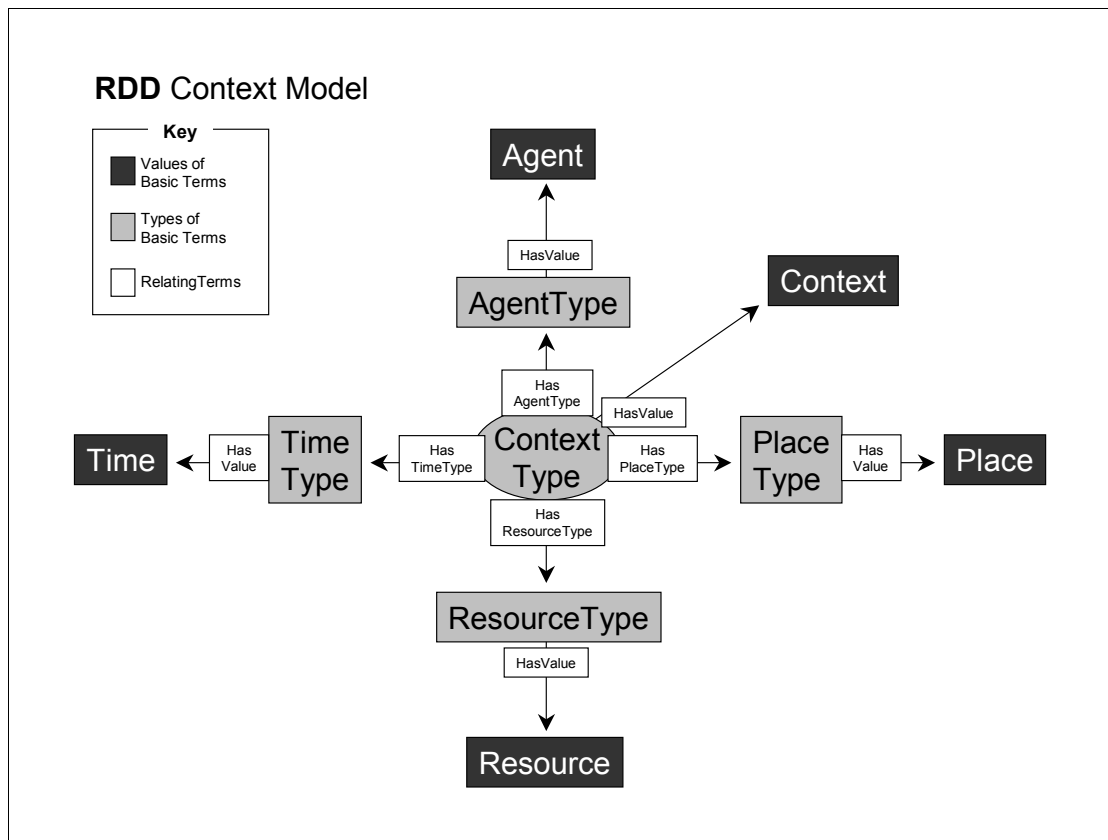


Figure 7 - (Normative) RDD ContextModel

A.11.1.1 ContextModel: BasicTermSet

The ContextModel introduces five Terms (the BasicTermSet) which have PartlyDerivedMeanings based upon the Meaning of "Act". They are shown in Table 19.

Comment (Informative): In the diagram of the ContextModel in Figure 7, the five blocks bearing the names of these Terms represent Values of each of these entities.

| Headword RddDefinition | Comments (Informative) |
|--|---|
| Context The circumstances in which Acting occurs. | A Context describes the circumstances of one or more Acts. Contexts may be of any level of granularity. A Context may play the roles of Resource and (less often) Agent within another Context. The principal types of Context are the Event (in which some attribute changes) and the Situation (in which no attributes change). Examples of further subtypes of Context are shown in A.11.1.2. |
| Agent An Entity that Acts. | The Agent is the Entity which is accountable for the Act. Typically, Agents are people or corporate bodies, but they may also be inanimate things such as computers or computer applications, which are activated directly or indirectly by people to have agency in particular contexts. Events may also be Agents (for example, one Event may be the cause of another). |
| Resource An Entity involved in a Context, other than as an Agent, Time or Place. | Resource is the "catch-all" for anything affected in some way by an Act which is not an Agent, Time or Place. It is typically the direct or indirect object of an action, distinguished by functional prepositions such as "with" and "to" (the latter in the sense of "done to"). For example, "I did it with this Tool", or "I did it to him". Resource never answers the questions When? and Where? Resources are commonly inanimate things, but may be people or corporate bodies; or other Contexts which are affected by the Act (for example, a Situation of which an Event is the cause); or Times and Places when they are involved (for example) as the subject of a creation. |
| Time The temporal parameters of a Context. | A Time answers the contextual question: "When?", typically distinguished in natural language by temporal prepositions such as "in", "before", "after", "during", "on" etc. Contexts may have multiple Times expressed as discrete values or ranges with any required attributes including Precision and continuity. |
| Place The spatial parameters of a Context. | A Place answers the contextual question: "Where?", typically distinguished in natural language by positional prepositions such as "in", "on", "inside", "outside", "at", "to" and "from". At its most abstract, a Place may represent a set of spatial or virtual co-ordinates. At its most concrete, it may represent a percept which occupies those co-ordinates. Place is defined by the function it fulfils, so something which is generally perceived as the same entity (such as a computer) may be a Place in one Context, a Resource in another, and an Agent in yet another. Contexts may have multiple Places expressed as discrete values or ranges with any required attributes including Precision and continuity. |

Table 19 — ContextModel BasicTermSet

A.11.1.2 ContextModel: TermTypes

The ContextModel introduces five Terms with PartlyDerivedMeanings which are Classes representing Types of the Terms in the BasicTermSet, as set out in Table 20.

| Headword RddDefinition | Examples (Informative) |
|---|---|
| ContextType A Class of which every Type of Context is an Instance. | DerivingEvent is the ContextType of the ActType Derive. Usage is the ContextType of the ActType Use. Situation is the ContextType of the ActType Have. |
| AgentType A Class of which every Type of Context is an Instance. | Deriver is the AgentType of the ActType Derive. User is the AgentType of the ActType Use. Possessor is the AgentType of the ActType Have. |
| ResourceType A Class of which every Type of Context is an Instance. | Derivation, SourceOfDerivation and DerivingTool are ResourceTypes of the ActType Derive. UsedResource is a ResourceType of the ActType Use. Attribute is a ResourceType of the ActType Have. |
| TimeType A Class of which every Type of Context is an Instance. | TimeOfDeriving is the TimeType of the ActType Derive. TimeOfUsing is the TimeType of the ActType Use. TimeOfSituation is the TimeType of the ActType Have. |
| PlaceType A Class of which every Type of Context is an Instance. | PlaceOfDeriving, PlaceOfDerivingFrom and PlaceOfDerivingTo are PlaceTypes of the ActType Derive. PlaceOfUsing is the PlaceType of the ActType Use. PlaceOfSituation is the PlaceType of the ActType Have. |

Table 20 — ContextModel TermTypes

A.11.1.3 ContextModel: RelatingTerms

The ContextModel introduces five RelatingTerms which account for the relationships between the Context and the other Terms in the BasicTermSet, as set out in Table 21.

| Headword RddDefinition | Comments (Informative) |
|--|---|
| HasAgentType A RelatingTerm that links a Context to an AgentType that Acts in it. | For example, linking a Deriver to a DerivingEvent. |
| HasResourceType A RelatingTerm that links a Context to a ResourceType that is involved in it. | For example, linking a Derivation to a DerivingEvent. |
| HasTimeType A RelatingTerm that links a Context to a TimeType in relation to which it happens. | For example, linking a TimeOfDeriving to a DerivingEvent. |
| HasPlaceType A RelatingTerm that links a Context to a PlaceType in relation to which it happens. | For example, linking a PlaceOfDeriving to a DerivingEvent. |
| HasValue The RelatingTerm between EvaluatedResource and Value. | This RelatingTerm is drawn from the ActionFamily for the ActType Evaluate and its definition follows the standard form for ActionFamily RelatingTerms. In the ContextModel, each of the "Type" Classes is an EvaluatedResource, and its corresponding BasicTerm is its Value. |

Table 21 — ContextModel RelatingTerms

A.11.2 “Begetting” Terms

Beget is defined in the RDD Dictionary as “To bring a new Term into being through the application of the ContextModel”.

Comment (Informative): Beget describes the most primitive processes by which Meaning is inherited by one Term from another within RDD: that is, where (a) the BasicTerms of a ContextType come into existence following (and, in effect, completing) the definition of an ActType, and where (b) a new ActType comes into existence following the definition of a ContextType. Its limitations are fully prescribed by the ContextModel. Beget recognizes the complete interdependence of meaning between an ActType and its “Begotten” Terms, or a ContextType and its Begotten ActType. For example, the ActType “Make” is meaningless unless it contains the concept of the AgentType “Maker” or the ResourceType “Output” which it Begets.

A.11.3 Family: Types

A Family is defined in the RDD Dictionary as “A group of Relationships that determines Attribute inheritance from one Term to others according to the ContextModel”. The Types of Families are set out in Table 22.

| Headword | Comments (Informative) |
|---|--|
| RddDefinition | |
| ActionFamily The Family Begotten by an ActType. | An ActionFamily comprises the Relationships between an ActType and the Terms which it Begets through the application of the ContextModel. An ActionFamily automatically Begets all possible non-Relating Terms according to its structure. |
| ContextFamily The Family Begotten by a ContextType. | A ContextFamily has a similar structure to an ActionFamily, but unlike an ActionFamily it only Begets new Terms when they are required to support mapping or other RDD Dictionary functions. |

Table 22 — Family Types

A.11.4 Family: Occurrence

Each RDD ActType Begets one ActionFamily, or is BegottenBy one Context as a member of a ContextFamily.

Comment (Informative): ActTypes in Situations (Have, Exist etc) are Begotten from their Contexts, which in turn are States brought about by Events. For Events, there is no definitive logical basis for choosing to specialize by ActType as opposed to ContextType: it is a matter of functional granularity, for which there are a number of practical criteria. The most obvious of these is the requirement for further specialization and mapping of existing non-RDD Terms – if further specializations are required, an ActionFamily is likely to be most efficient, as an ActType results in the Begetting of a complete set of specialized Terms from which further specializations can result. Another major factor is the presence (or not) of a new axiom in the meaning of a Family: a new axiom will commonly need to be disseminated through a range of new Terms in an ActionFamily. In contrast, choosing a ContextType allows for the contextualization of existing ActionFamily Terms, with specific conditions being imposed on specific members of it, without the necessity for identifying a full range of new Family Terms. For example, a contextualized verb Play_1 may be identical to its parent Play except that its SourceOfPlaying is a DigitalResource. Other members of the Family (such as "PlayedResource_1") can be Begotten if and when required for reasons of mapping or specialization. The Families of StandardizedTerms are mostly based on ActTypes, but it may be anticipated that as the RDD Dictionary grows the majority of new Families will be ContextFamilies.

A.11.5 Family: Authority

The Authority for each Family shall be the RddAuthority.

A.11.6 ActionFamily: Structure

An ActType Begets two groups of Terms: ContextModel TermTypes (Table 20), and AFRV RelatingTerms A.11.7

A.11.6.1 ActionFamily Structure: ContextModel TermTypes

Each RddAuthorized ActType which is the head of an ActionFamily shall Beget Terms which are Values of the TermTypes set out in Table 20, as a result of which, each ActionFamily may contain Relationships including ContextModel TermTypes as set out in Table 23.

| Relationship | Occurs |
|---|--------|
| n ActType → BegetsContextType → ContextType | 1 |
| n ActType → BegetsAgentType → AgentType | 0-1 |
| n ActType → BegetsResourceType → ResourceType | 0-n |
| n ActType → BegetsTimeType → TimeType | 1-n |
| n ActType → BegetsPlaceType → PlaceType | 1-n |

Table 23 — ActionFamily Relationships including ContextModel TermTypes

Figure 8 (Informative) shows how these Begetting relationships underlie the ContextModel described in Clause A.11.1.

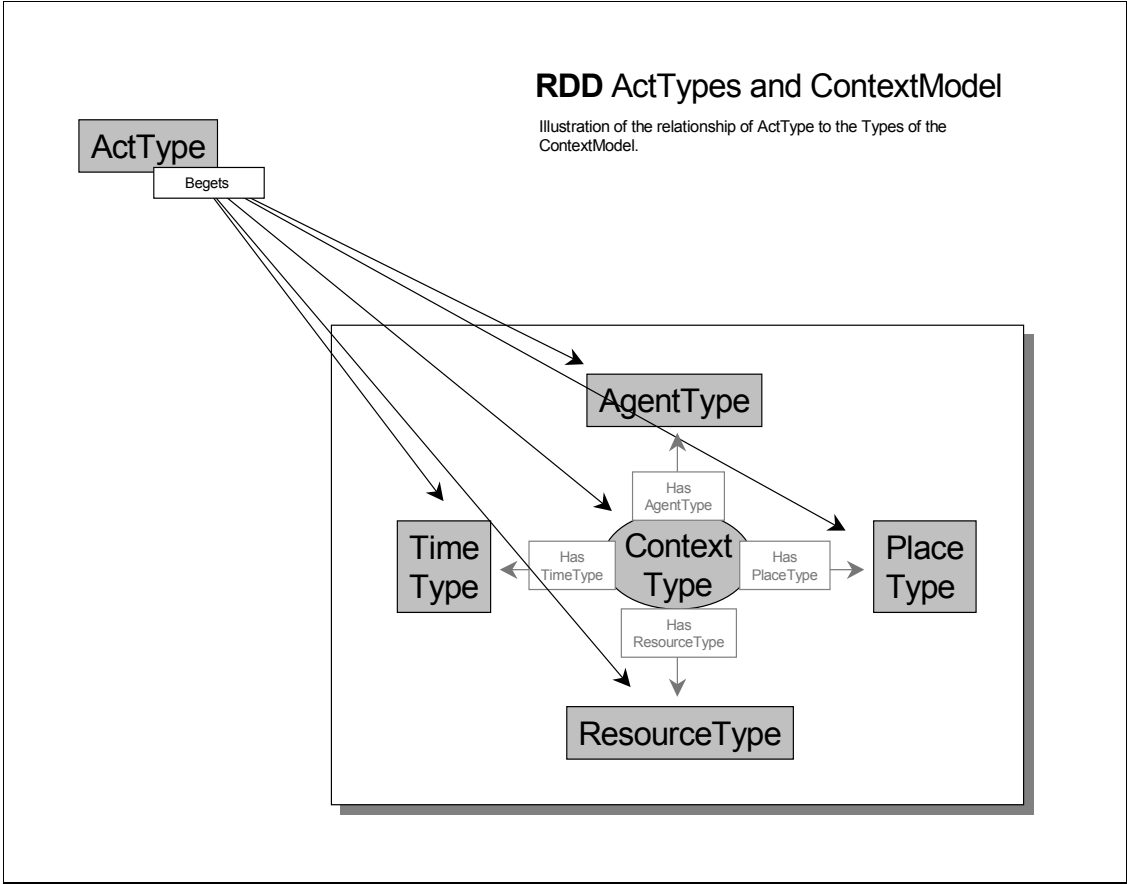


Figure 8 - (Informative) RDD ActTypes and Context Model

Example (Informative)

| | | |
|--|-----------------------------|---------------|
| ContextModel TermType Relationships in the Make" ActionFamily: | | |
| 1 | Make → BegetsContextType → | MakingEvent |
| 2 | Make → BegetsAgentType → | Maker |
| 3 | Make → BegetsResourceType → | Output |
| 4 | Make → BegetsResourceType → | MakingTool |
| 5 | Make → BegetsTimeType → | TimeOfMaking |
| 6 | Make → BegetsPlaceType → | PlaceOfMaking |

Figure 9 - (Informative) ContextModel TermType Relationships in the Make" ActionFamily

A.11.6.2 ActionFamilyStructure: ActionFamilyRelationalView (“AFRV”)

An ActionFamilyRelationalView (AFRV) is defined in the RDD Dictionary as “A group of Relationships expressing the impact of an ActType as a set of one-to-one Relationships between its Agents, Resource, Times and Places”. The AFRV includes all the Relationships brought about within a Context which can be expressed as one-to-one Relationships. The AFRV is illustrated in the Normative Figure 10.

Comment (Informative): The ActionFamilyRelationalView and the ContextModel are alternative approaches to modelling the relationships between the basic contextual entities of Agent, Resource, Time and Place. The semantic interdependency of the Terms derived from both provides a rich basis for mapping and transformation between schemas and elements based on different paradigms (for example, between an Event-based and a Resource-based view). The AFRV accounts for many of the Terms that are used in conventional resource description metadata. Figure 9 is based on the ContextModel illustration (Figure 6) with the Context and Type elements removed and “replaced” by a set of one-to-one relationships between each of the remaining terms in the BasicTermSet. Figure 9 illustrates the basic ActionFamily (for the FirstTerm “Act”) with a single occurrence of each element, resulting in 16 RelatingTerms. The RelatingTerms in this Figure provide the parent values for the majority of RelatingTerms in the RDD Dictionary. The number of RelatingTerms defined through an AFRV increases by arithmetic progression for each additional element added to a specific ActionFamily.

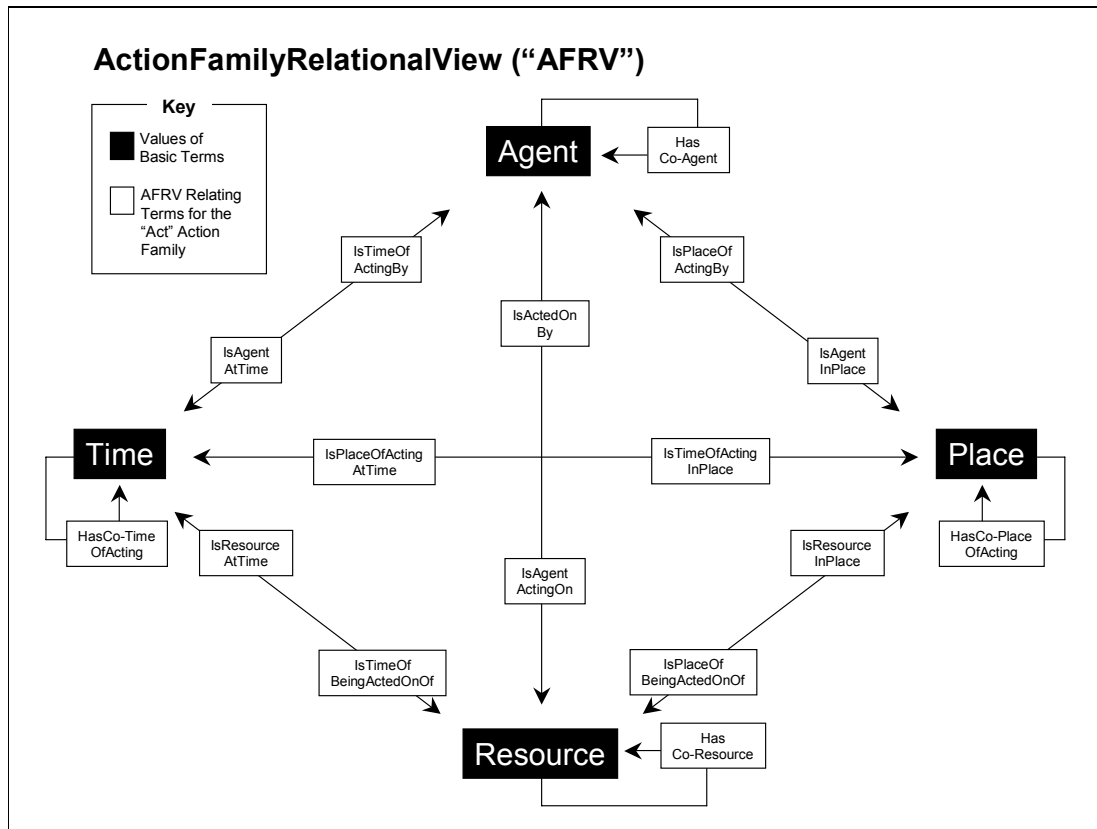


Figure 10 - (Normative) ActionFamilyRelationalView (“AFRV”)

Figure 11 (Informative) illustrates that the ActionFamilyRelationalView and the ContextModel are two different but compatible ways of modelling the relationships between the same basic entities:

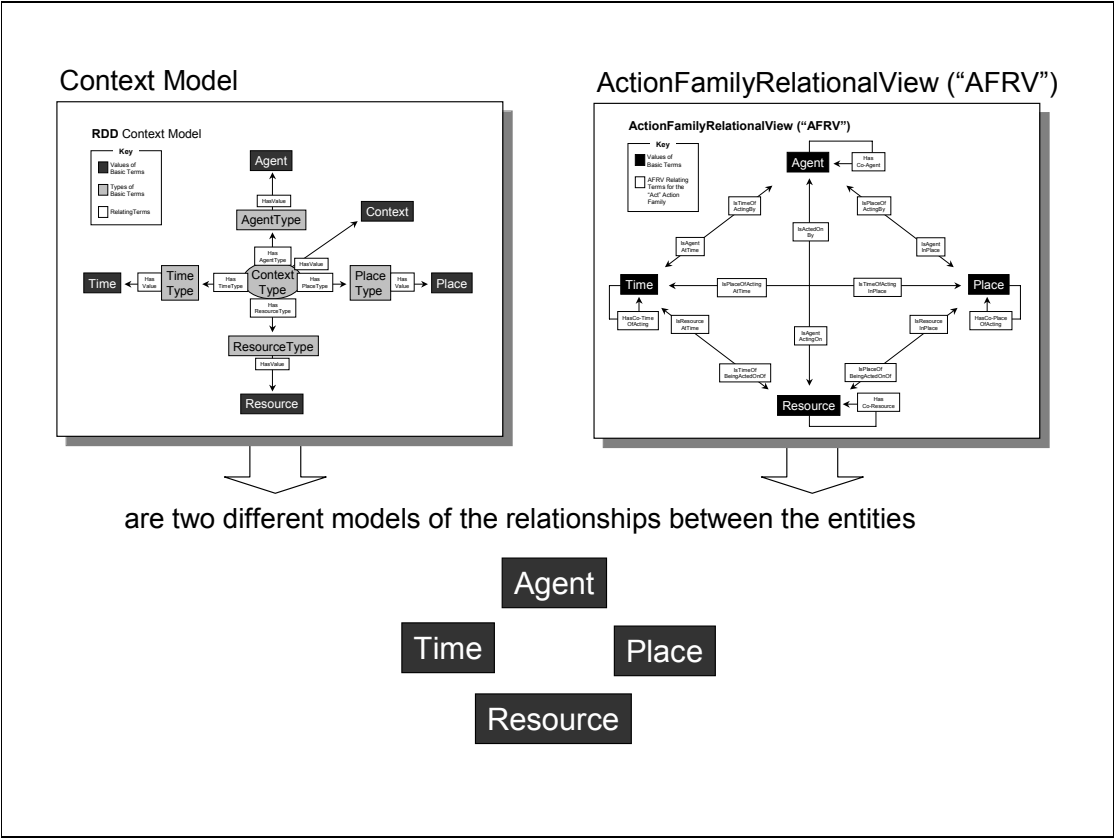


Figure 11 - (Informative) Underlying common entities of The ContextModel and AFRV

A.11.7 RelatingTerms from the AFRV

Each ActType may Beget an AFRV containing any or all of the one-to-one Relationships that may exist between elements of the ContextModel, as a result of which an ActionFamily may contain Relationships which include AFRV RelatingTerms as set out in Table 23. The RelatingTerms Begotten from the FirstTerm “Act” are shown in the matrix in Table 24. All other RelatingTerms Begotten from ActTypes are Types of these Terms.

| | Agent | Resource | Time | Place |
|----------|---------------------|------------------------|------------------|-----------------------|
| Agent | HasCo-Agent | IsAgentActingOn | IsAgentAtTime | IsAgentInPlace |
| Resource | IsResourceActedOnBy | HasCo-Resource | IsResourceAtTime | IsResourceInPlace |
| Time | IsTimeOfActingBy | IsTimeOfBeingActedOnOf | HasCo-Time | IsTimeOfActingInPlace |

| Place | IsPlaceOfActingBy | IsPlaceOfBeingActedOnOf | IsPlaceOfActingAtTime | HasCo-PlaceOfActing |
|-------|-------------------|-------------------------|-----------------------|---------------------|
|-------|-------------------|-------------------------|-----------------------|---------------------|

Table 24 — AFRV RelatingTerms for “Act”

| Relationship | Occurs |
|---|--------|
| n ActType → BegetsRelatingTerm → AFRVRelatingTerm | 16-n |

Table 25 — ActionFamily Relationships including AFRV RelatingTerms

Comment (Informative): AFRV RelatingTerms do not need to be begotten routinely for all ActTypes. The RDD Dictionary can be populated with them as they become required to support the mapping of Terms from other authorities.

Example (Informative)

AFRV RelatingTerm Relationships in the “Make” ActionFamily:

- 1 Make → BegetsRelatingTerm → HasCo-Maker
- 2 Make → BegetsRelatingTerm → IsMakerOf
- 3 Make → BegetsRelatingTerm → IsMakerWithTool
- 4 Make → BegetsRelatingTerm → IsMakerAtTime
- 5 Make → BegetsRelatingTerm → IsMakerInPlace
- 6 Make → BegetsRelatingTerm → IsMadeBy
- 7 Make → BegetsRelatingTerm → HasCo-Output
- 8 Make → BegetsRelatingTerm → IsMadeWithTool
- 9 Make → BegetsRelatingTerm → IsMadeAtTime
- 10 Make → BegetsRelatingTerm → IsMadeInPlace
- 11 Make → BegetsRelatingTerm → IsToolForMakingToolBy
- 12 Make → BegetsRelatingTerm → IsToolForMakingOf
- 13 Make → BegetsRelatingTerm → HasCo-ToolForMaking
- 14 Make → BegetsRelatingTerm → IsMakingToolAtTime
- 15 Make → BegetsRelatingTerm → IsMakingToolInPlace
- 16 Make → BegetsRelatingTerm → IsTimeOfMakingBy
- 17 Make → BegetsRelatingTerm → IsTimeOfMakingOf
- 18 Make → BegetsRelatingTerm → IsTimeOfMakingWithTool
- 19 Make → BegetsRelatingTerm → HasCo-TimeOfMaking
- 20 Make → BegetsRelatingTerm → IsTimeOfMakingInPlace
- 21 Make → BegetsRelatingTerm → IsPlaceOfMakingBy
- 22 Make → BegetsRelatingTerm → IsPlaceOfMakingOf
- 23 Make → BegetsRelatingTerm → IsPlaceOfMakingWithTool
- 24 Make → BegetsRelatingTerm → HasCo-PlaceOfMaking
- 25 Make → BegetsRelatingTerm → IsPlaceOfMakingAtTime

Figure 12 - (Informative) AFRV RelatingTerm Relationships in the “Make” ActionFamily

A.11.7.1 ActionFamily Structure: ReciprocalRelationships

For each ActionFamily Relationship, a Reciprocal Relationship shall exist in the appropriate form drawn from those set out in Table 26.

| Relationship | Has Reciprocal | Occurs |
|---|---|--------|
| n ActType → BegetsContextType → ContextType | n ContextType → IsContextTypeBegottenBy → ActType | 1 |

| | | |
|---|---|-----|
| n ActType → BegetsAgentType → AgentType | n AgentType → IsAgentTypeBegottenBy → ActType | 0-1 |
| n ActType → BegetsResourceType → ResourceType | n ResourceType → IsResourceTypeBegottenBy → ActType | 0-n |
| n ActType → BegetsTimeType → TimeType | n TimeType → IsTimeTypeBegottenBy → ActType | 1-n |
| n ActType → BegetsPlaceType → PlaceType | n PlaceType → IsPlaceTypeBegottenBy → ActType | 1-n |
| n ActType → BegetsRelatingTerm → AFRVRelatingTerm | n AFRVRelatingTerm → IsRelatingTermBegottenBy → ActType | 4-n |

Table 26 — ActionFamily Reciprocal Relationships

A.11.7.2 ActionFamily Structure: Example (Informative)

Comment (Informative): The example used in Figure 13 Clause is relatively basic. It illustrates the point that metadata relationships, even in relatively simple processes, contain a large number of possible contextual relationships which may be relied upon in a particular scheme, and a practical interoperable RDD Dictionary must be capable of mapping any one of those relationships. As these relationships can be logically generated from the underlying Model, the volume of relationships is not in itself a major constraint; and the Standard allows for their inclusion in the RDD Dictionary on an “as needed” rather than a mandatory basis.

Example (Informative) of a complete ActionFamily for “Make” including all RelatingTerms exemplified above:

- 1 Make → BegetsContextType → MakingEvent
- 2 Make → BegetsAgentType → Maker
- 3 Make → BegetsResourceType → Output
- 4 Make → BegetsResourceType → MakingTool
- 5 Make → BegetsTimeType → TimeOfMaking
- 6 Make → BegetsPlaceType → PlaceOfMaking
- 7 Make → BegetsRelatingTerm → HasCo-Maker
- 8 Make → BegetsRelatingTerm → IsMakerOf
- 9 Make → BegetsRelatingTerm → IsMakerWithTool
- 10 Make → BegetsRelatingTerm → IsMakerAtTime
- 11 Make → BegetsRelatingTerm → IsMakerInPlace
- 12 Make → BegetsRelatingTerm → IsMadeBy
- 13 Make → BegetsRelatingTerm → HasCo-Output
- 14 Make → BegetsRelatingTerm → IsMadeWithTool
- 15 Make → BegetsRelatingTerm → IsMadeAtTime
- 16 Make → BegetsRelatingTerm → IsMadeInPlace
- 17 Make → BegetsRelatingTerm → IsToolForMakingToolBy
- 18 Make → BegetsRelatingTerm → IsToolForMakingOf
- 19 Make → BegetsRelatingTerm → HasCo-ToolForMaking
- 20 Make → BegetsRelatingTerm → IsMakingToolAtTime
- 21 Make → BegetsRelatingTerm → IsMakingToolInPlace
- 22 Make → BegetsRelatingTerm → IsTimeOfMakingBy
- 23 Make → BegetsRelatingTerm → IsTimeOfMakingOf
- 24 Make → BegetsRelatingTerm → IsTimeOfMakingWithTool
- 25 Make → BegetsRelatingTerm → HasCo-TimeOfMaking
- 26 Make → BegetsRelatingTerm → IsTimeOfMakingInPlace
- 27 Make → BegetsRelatingTerm → IsPlaceOfMakingBy
- 28 Make → BegetsRelatingTerm → IsPlaceOfMakingOf
- 29 Make → BegetsRelatingTerm → IsPlaceOfMakingWithTool

| |
|--|
| 30 Make → BegetsRelatingTerm → HasCo-PlaceOfMaking |
| 31 Make → BegetsRelatingTerm → IsPlaceOfMakingAtTime |

Figure 13 - (Informative) ActionFamily for “Make” including all RelatingTerms

A.11.8 ContextFamily: Structure

A ContextFamily may contain all the same TermTypes as an ActionFamily (A11) except that they are Begotten from the ContextType and not the ActType. In addition, a ContextType may Beget StateTypes (A.11.8.1) and StatusTypes (A.11.8.2). Each RddAuthorized ContextType which is the head of a ContextFamily may Beget Terms which are Values of the TermTypes set out in Table 29.

A.11.8.1 ContextFamily Structure: StateTypes

A State is defined in the RDD Dictionary as “An unchanging state which is the result of one or more Events”. Each type of Event (or its underlying ActType) may therefore Beget one or more StateTypes. Other States may arise from multiple EventTypes. Each ContextType may Beget StateTypes in the form of ContextTypes or Relationships. A Static Context is a SituationType. A ContextFamily may therefore contain Relationships in the form set out in Table 27.

| Relationship | Occurs |
|---|--------|
| n ContextType → BegetsStateType → StateType | 0-n |

Table 27 — ContextFamily Relationships including StateTypes

Examples (Informative)

| |
|---|
| ContextModel StateType Relationships: Event → BegetsStateType → Situation MakingEvent → BegetsStateType → Existence |
|---|

Figure 14 - (Informative) ContextModel StateType Relationships

A.11.8.2 ContextFamily Structure: Quality Types

Quality is defined in the RDD Dictionary as “An adjectival characteristic”. A ContextType may Beget QualityTypes as set out in Table 28.

Comment (Informative): Qualities which are Begotten from a ContextFamily tell whether something *has been*, *is being* or *has the potential to be* something else. They includes the present and past participle forms of Verbs (for example, *Used* and *Using*) and the “potential” form *Usable*.

| Quality RddDefinition | Examples (Informative) |
|---|---|
| HistoricQuality An adjective describing characteristic(s) of an Entity arising from its former role as an AgentType or ResourceType. | HistoricQuality is typically based on a past participle: for example, it describes something that has been Identified, Used, Played, Adapted, Owned. |
| PresentQuality An adjective describing present characteristic(s) of an AgentType or ResourceType. | PresentQuality is typically based on a present participle: for example, it describes something that is Transforming, Printing, Writing, BeingModified, UsingTool. |
| PotentialQuality An adjective describing characteristic(s) of an Entity which is capable of playing a role as a specific AgentType or ResourceType. | PotentialQuality describes, for example, something that is Perceivable, Adaptable, Usable, Copiable, Executable. |

Table 28 — ContextFamily QualityTypes

Each of these Types may apply to each AgentType and ResourceType in a ContextFamily. QualityType for AgentType and ResourceTypes Begotten from "Context" are shown in the matrix in Table 29. Other QualityTypes Begotten from ContextTypes are Types of these Terms.

| | AgentType: "Agent" | ResourceType: "Resource" |
|-----------|--------------------|--------------------------|
| Historic | Acted | ActedOn |
| Current | Acting | BeingActedOn |
| Potential | Active | Actionable |

Table 29 — QualityTypes for Context

Each ContextFamily may contain Relationships in the form set out in Table 30.

| Relationship | Occurs |
|---|--------|
| n ContextType → BegetsQualityType → QualityType | 1-n |

Table 30 — ContextFamily Relationships including QualityTypes

Example (Informative)

QualityType Relationships in the MakingEvent ContextFamily:

- 1 MakingEvent → BegetsQualityType → Makeable
- 2 MakingEvent → BegetsQualityType → Making
- 3 MakingEvent → BegetsQualityType → Made
- 4 MakingEvent → BegetsQualityType → BeingMade

Figure 15 - (Informative) QualityType Relationships in the MakingEvent ContextFamily

A.11.9 ContextFamily: Relationships and ReciprocalRelationships

A ContextFamily may contain Relationships of any of the Types in Table 31.

| Relationship | Has Reciprocal | Occurs |
|---|---|--------|
| n ContextType → BegetsActType → ActType | n ActType → IsActTypeBegottenBy → ContextType | 1 |
| n ContextType → BegetsAgentType → AgentType | n AgentType → IsAgentTypeBegottenBy → ContextType | 0-1 |
| n ContextType → BegetsResourceType → ResourceType | n ResourceType → IsResourceTypeBegottenBy → ContextType | 0-n |
| n ContextType → BegetsTimeType → TimeType | n TimeType → IsTimeTypeBegottenBy → ContextType | 1-n |
| n ContextType → BegetsPlaceType → PlaceType | n PlaceType → IsPlaceTypeBegottenBy → ContextType | 1-n |
| n ContextType → BegetsRelatingTerm → AFRVRelatingTerm | n AFRVRelatingTerm → IsRelatingTermBegottenBy → ContextType | 4-n |
| n ContextType → BegetsStateType → StateType | n StateType → IsStateTypeBegottenBy → ContextType | 0-n |
| n ContextType → BegetsQualityType → QualityType | n QualityType → IsQualityTypeBegottenBy → ContextType | 0-n |

Table 31 — ContextFamily Reciprocal Relationships

A.11.10 ContextFamily: ContextFamilyRelationalView (CFRV)

The ContextFamilyRelationalView (or CFRV) is defined in the RDD Dictionary as “a group of Relationships expressing the impact of a Type of Context as a set of one-to-one Relationships between a Type of Context and its Agents, Resource, Times and Places.” The CFRV includes all the Relationships brought about between a Context and its elements which can be expressed as one-to-one Relationships. The CFRV is illustrated in Figure 15. In this Figure and in the RDD Dictionary the initials “ico” are used as for convenience as an abbreviation of “IsContextOf”.

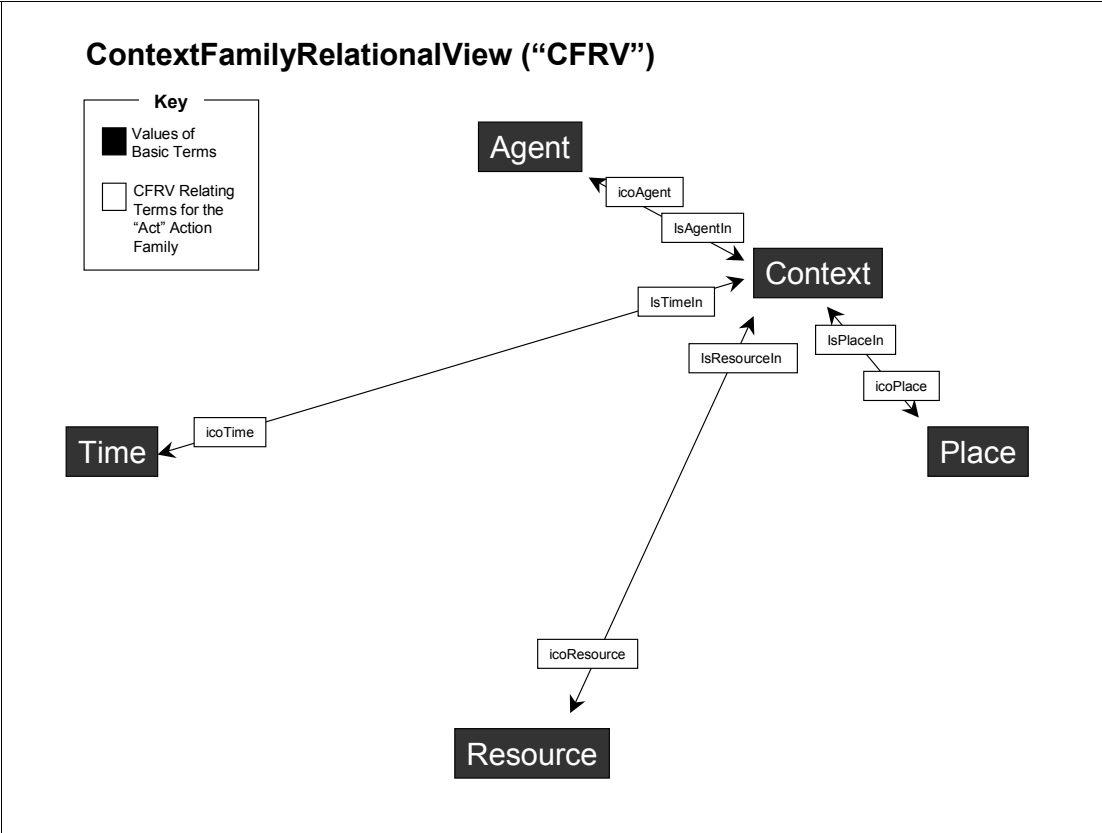


Figure 16 - (Normative) ContextFamilyRelationalView (“CFRV”)

Figure 16 (Informative) illustrates that the ActionFamilyRelationalView and the ContextModel are two different but compatible ways of modelling the relationships between the same basic entities:

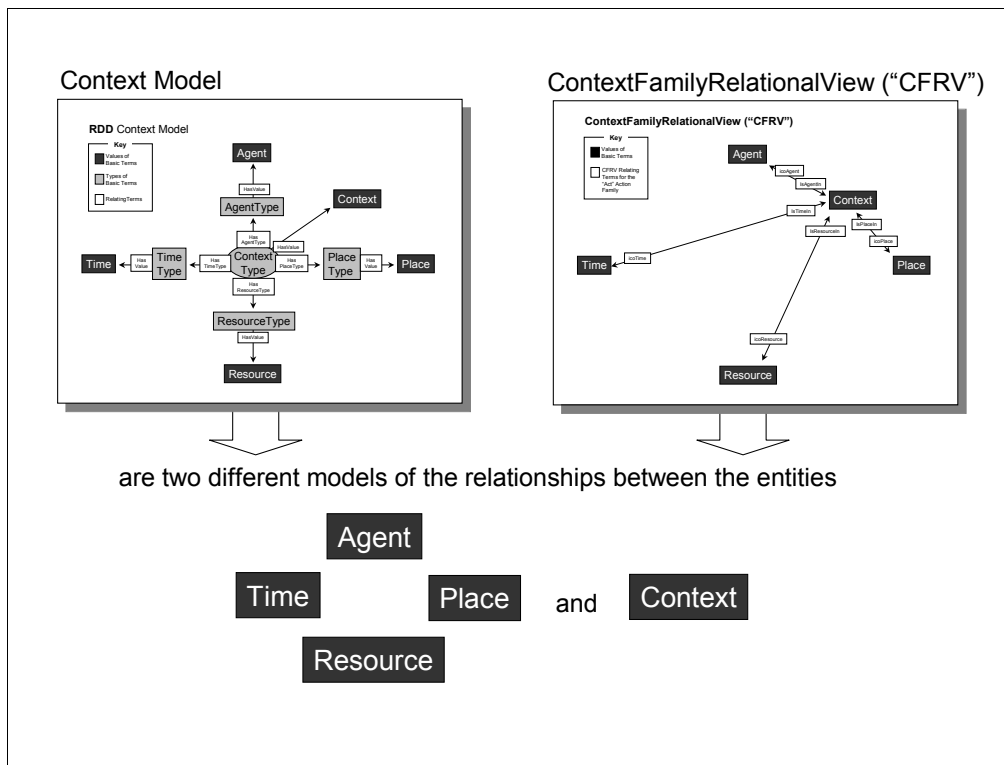


Figure 16 - (Informative) Underlying common entities of The ContextModel and CFRV

A.11.10.1 CFRV RelatingTerms

Each ContextType may Beget a CFRV containing any or all of the one-to-one Relationships that may exist between elements of the ContextModel, as a result of which a ContextFamily may contain Relationships which include CFRV RelatingTerms as set out in Table 34. The RelatingTerms Begotten from the "Context" are shown in the matrix in Table X, and their Reciprocals in Table 33. All other RelatingTerms Begotten from ContextTypes are Types of these Terms.

| | Agent | Resource | Time | Place |
|---------|-----------------|--------------------|----------------|-----------------|
| Context | icoAgent | icoResource | icoTime | icoPlace |

Table 32 — CFRV RelatingTerms from "Context"

| | Context |
|----------|---------------------|
| Agent | IsAgentIn |
| Resource | IsResourceIn |
| Time | IsTimeIn |

| | |
|-------|-----------|
| Place | IsPlaceIn |
|-------|-----------|

Table 33 — Reciprocals of CFRV RelatingTerms

| | |
|---|-----|
| n ContextType → BegetsRelatingTerm → CFRVRelatingTerm | 8-n |
|---|-----|

Table 34 — ContextFamily Relationships including CFRV RelatingTerms

Comment (Informative): CFRV RelatingTerms do not need to be begotten routinely for all ContextTypes. The RDD Dictionary can be populated with them as they become required to support the mapping of Terms from other authorities.
Example (Informative)

| |
|---|
| CFRV RelatingTerm Relationships in the “MakingEvent” ContextFamily: |
| 1 MakingEvent → BegetsRelatingTerm → icoMaker |
| 2 MakingEvent → BegetsRelatingTerm → IsMakerIn |
| 3 MakingEvent → BegetsRelatingTerm → icoOutput |
| 4 MakingEvent → BegetsRelatingTerm → IsOutputIn |
| 5 MakingEvent → BegetsRelatingTerm → icoMakingTool |
| 6 MakingEvent → BegetsRelatingTerm → IsMakingToolIn |
| 7 MakingEvent → BegetsRelatingTerm → icoTimeOfMaking |
| 8 MakingEvent → BegetsRelatingTerm → IsTimeOfMakingIn |
| 9 MakingEvent → BegetsRelatingTerm → icoPlaceOfMaking |
| 10 MakingEvent → BegetsRelatingTerm → IsPlaceOfMakingIn |

Figure 17 - (Informative) CFRV RelatingTerm Relationships in the “MakingEvent” ContextFamily

A.12 Genealogy

Genealogy is defined in the RDD Dictionary as “A group of Relationships that determine the derivation of, and constraints on, Meaning for a Term, and which are true regardless of Context”. Properties of Genealogy shall be constrained as set out in Table 35.

| Property of Genealogy | Constraints |
|-----------------------|--|
| Occurrence | Each Term which is not an IsolatedTerm shall have exactly one Genealogy. An IsolatedTerm shall not have a Genealogy. |
| Authority | The Authority for each Genealogy shall be the RddAuthority. |

Table 35 — Genealogy: constraints

A.12.1 Genealogy: Structure

A Genealogy shall comprise one or more Relationships as described in this Clause.

A.12.1.1 Genealogy Structure: Primary Relationships

Each Genealogy (except for that of the FirstTerm) shall contain at least one of the Primary Relationships containing one of the RelatingTerms set out in Table 36. A Genealogy shall contain no more than one Relationship from Group A. Where a Genealogy contains a Relationship from Group A, it shall also contain at least one Relationship from Group B.

| RelatingTerm | Occurs | Examples (Informative) |
|--------------------------|--------|---|
| <i>Group A</i> | | |
| IsContextTypeBegottenBy | 0-1 | MakingEvent → IsContextTypeBegottenBy → Make |
| IsAgentTypeBegottenBy | 0-1 | Adaptor → IsAgentTypeBegottenBy → Adapt |
| IsResourceTypeBegottenBy | 0-1 | Identifier → IsResourceTypeBegottenBy → Identifier |
| IsTimeTypeBegottenBy | 0-1 | TimeOfModifying → IsTimeTypeBegottenBy → Modify |
| IsPlaceTypeBegottenBy | 0-1 | PlaceOfUsing → IsPlaceTypeBegottenBy → Use |
| IsStateTypeBegottenBy | 0-1 | Situation → IsStateTypeBegottenBy → Event |
| IsQualityTypeBegottenBy | 0-1 | Executable → IsQualityTypeBegottenBy → ExecutingEvent |
| <i>Group B</i> | | |
| IsTypeOf | 0-1 | Copy → IsTypeOf → Derive PrimaryName → IsTypeOf → Name |
| HasComponent | 0, 2-n | foo:creator → HasComponent → Originator [true:Sometimes] foo:creator → HasComponent → Deriver [true:Sometimes] |
| IsEqualTo | 0-n | foo:arranger → IsEqualTo → Deriver [prec:Approximate] |
| IsPartOf | 0-n | foo:fragment → IsPartOf → foo:resource |
| IsAllowedValueOf | 0-n | Exact → IsAllowedValueOf → Precision |
| IsOpposedTo | 0-n | Assert → IsOpposedTo → Deny |

Table 36 — Genealogy: Primary Relationship Types

Comment (Informative): All of the RelatingTerms used in Table 36 are defined in the basic RDD Dictionary within the Families of Beget, Specialize, Aggregate, Equate, Partition, Evaluate and Oppose.

A.12.1.2 Genealogy Structure: Inheritance Relationships for MappedTerms

A Genealogy of a MappedTerm shall contain at least one Genealogy Relationship from Group A from Table 36 that is not constrained by the Precision value of Approximate.

Comment (Informative): The purpose of this rule is to support the mapping of Terms in both "Tentative" and "Definite" ways. For example, a Term foo:Writer may be similar to, but not exactly the same as, Author. If Author is a Type of Creator, then the following pair of Relationships may be given as the Genealogy for foo:Writer:

- 1 foo:Writer → IsTypeOf → Maker
- 2 foo:Writer → IsEqualTo → Author [prec:Approximate]

A.12.1.3 Genealogy Structure: RelatingTerm Genealogies

In addition to complying with the overall Genealogy requirements, the Genealogy of each RelatingTerm shall contain exactly one Relationship using each of the RelatingTerms set out in Table 37.

| RelatingTerm | Occurs | Examples (Informative) |
|--------------------|--------|--|
| IsRelatingTermFrom | 1 | n IsPerformedBy → IsRelatingTermFrom → Performance |
| IsRelatingTermTo | 1 | n IsPerformedBy → IsRelatingTermTo → Performer |
| IsReciprocalOf | 1 | n IsPerformedBy → IsReciprocalOf → IsPerformerOf |

Table 37 — Genealogy: RelatingTerms for RelatingTerm Genealogies

Comment (Informative): This implies that no RelatingTerm can be defined without its reciprocal being defined.

A.12.1.4 Genealogy Structure: Other Relationships

A Genealogy may contain any other Relationships that apply universally (that is, in any Context) to the defined Term and result in the inheritance or constraint of meaning for a Term. These include, for example, AscriptiveRelationships and AttributiveRelationshipss, as illustrated in Figure 18.

Examples (Informative)

| |
|---|
| Examples of other kinds of Relationships in Genealogies |
| n PlaceOfDerivingFrom → IsPartOf → PlaceOfDeriving |
| n Manifestation → Is → Perceivable |
| n SourceForPlaying → IsA → Fixation |
| n DeniedResource → IsAClassFrom → TermSet_1 |

Figure 18 - (Informative) Examples of other kinds of Relationships in Genealogies

The Relationships in turn may have other Relationships to support the description of intermediate steps required to establish universal meaning or constraint. ArbitraryValues may be used and Types may be substituted for parent values for either SubjectTerm or ObjectTerm of the Relationship, as illustrated in Figure 19.

| |
|---|
| Possible Genealogy for onix:ReplacesISBN |
| 1 onix:ReplacesISBN [#1] → IsTypeOf → Identifier |
| 2 onix:ReplacesISBN [#1] → IsIdentifierOf → IdentifiedResource [#2] |
| 3 [#2] → IsReplacementOf → [#3] |
| 4 [#3] → HasIdentifier → ISBN [#1] |

Figure 19 - (Informative) Possible Genealogy for onix:ReplacesISBN

Comment (Informative): This example shows that that the value [#1] of the onix:ReplacesISBN for one Resource is identical to the value [#1] of the ISBN for the Resource it Replaces.

Comment (Informative): the AscriptiveTermSet includes the following verbs whose families are all be defined in Annex A: Ascribe, Nominate, Identify, Classify, Specialize, Qualify, Quantify, Evaluate, Partition, Equate and Partition. These verbs Beget the common metadata Resources of Name, Identifier, Class, Instance, Type, Quantity, Value, Part, Equivalent and Opposite.

A.12.1.5 Genealogy Structure: Enumeration

Relationship Enumerators shall be specifically assigned for each Genealogy and shall be unique only within that Genealogy.

A.12.1.6 Genealogy Structure: Examples (Informative)

| |
|--|
| Example: Genealogy for “OriginatingEvent” |
| 1 OriginatingEvent → IsTypeOf → MakingEvent |
| 2 OriginatingEvent → IsContextTypeBegottenBy → Originate |

Figure 20 - (Informative) Genealogy for “OriginatingEvent”

| |
|----------------------------------|
| Example: Genealogy for “Patient” |
| 1 Patient → IsTypeOf → Resource |

2 Patient → IsResourceTypeBegottenBy → Do

Figure 21 - (Informative) Genealogy for “Patient”

Example: Genealogy for “TermSet”

- 1 TermSet → IsTypeOf → Set
- 2 TermSet → HasMember → Term [occ:1-n]
- 3 TermSet → Has → Authority [occ:1-n]

Figure 22 - (Informative) Genealogy for “TermSet”

Example: Genealogy for “SourceForPrinting”

- 1 SourceForPrinting → IsTypeOf → SourceOfRendition
- 2 SourceForPrinting → IsTypeOf → SourceOfFixation
- 3 SourceForPrinting → IsResourceTypeBegottenBy →> Print
- 4 SourceForPrinting → IsA → Manifestation

Figure 23 - (Informative) Genealogy for “SourceForPrinting”

Example: Genealogy for “Term”

- 1 Term → IsTypeOf → Concept
- 2 Term → Has → RddIdentifier [occ:1]
- 3 Term → IsA → TermStatus [occ:1]
- 4 Term → Has → TermDescription [occ:0-n]
- 5 Term → Has → MeaningType [occ:1]
- 6 Term → Has → Genealogy [occ:1] [rel:Sometimes]
- 7 Term → Has → ContextDescription [occ:1] [rel:Sometimes]

Figure 24 - (Informative) Genealogy for “Term”

A further example of a Genealogy for a specialized Term (“acmeCopy”) is given in Annex D.

A.13 ContextDescription

ContextDescription is defined in the RDD Dictionary as “A group of Relationships describing the attributes of a Context”. Properties of ContextDescription shall be constrained as set out in Table 38.

Comment (Informative): The fundamental difference between the Relationships of a Genealogy and a ContextDescription are that the former apply universally while the latter are only true within the specified Context.

| Property of ContextDescription | Constraints |
|--------------------------------|--|
| Occurrence | Each Term that represents a Context shall have exactly one ContextDescription. |
| Authority | The Authority for each ContextDescription shall be the RddAuthority. |

Table 38 — ContextDescription: constraints**A.13.1 ContextDescription: Structure**

The structure of a ContextDescription is derived from the RDD ContextModel, illustrated in Figure 7 and described in A11.1

A.13.1.1 ContextDescription Structure: Primary Relationships

A ContextDescription may contain Relationships in the form set out in Table 39. This Table includes a representation of four of the Relationships in the Context Model described in A.11.1.

| Relationship |
|--|
| n ContextType [#n] → HasAgentType → AgentType [#n.n] [occ:0-n] |
| n ContextType [#n] → HasResourceType → ResourceType [#n.n] [occ:0-n] |
| n ContextType [#n] → HasTimeType → TimeType [#n.n] [occ:1-n] |
| n ContextType [#n] → HasPlaceType → PlaceType [#n.n] [occ:1-n] |

Table 39 — ContextDescription Relationships

Example (Informative)

| |
|--|
| ContextDescription for “OriginatingEvent” |
| 1 OriginatingEvent [#1] → HasActType → Originate [#2] [occ:1] |
| 2 OriginatingEvent [#1] → HasAgentType → Originator [#3.n] [occ:1-n] |
| 3 OriginatingEvent [#1] → HasResourceType → Origination [#4.n] [occ:1-n] |
| 4 OriginatingEvent [#1] → HasResourceType → OriginatingTool [#5.n] [occ:0-n] |
| 5 OriginatingEvent [#1] → HasTimeType → TimeOfOriginating [#6.n] [occ:1-n] |
| 6 OriginatingEvent [#1] → HasPlaceType → PlaceOfOriginating [#7.n] [occ:1-n] |

Figure 25 - (Informative) ContextDescription for “OriginatingEvent”**A.13.1.2 ContextDescription Structure: Ascriptive and Attributive Relationships**

A ContextDescription may contain Ascriptive and Attributive Relationships, of the types exemplified in A.12.1.4 ObjectTerms of these may in turn have their own Ascriptive and Attributive Relationships at any level of granularity. These Relationships apply only within the Context described by the ContextDescription.

Example (Informative)

| |
|---|
| Example 2: ContextDescription for AdaptingEvent (aka CopyingDigitalResourceEvent) |
| 1 DerivingEvent [#1] → HasActType → Derive [#2] [occ:1] |
| 2 DerivingEvent [#1] → HasAgentType → Deriver [#3.n] [occ:1-n] |
| 3 DerivingEvent [#1] → HasResourceType → Derivation [#4.n] [occ:1-n] |
| 4 [#4.n] → HasPlace → [#10.n] [occ:1-n] |
| 5 DerivingEvent [#1] → HasResourceType → Source [#5.n] [occ:1-n] |
| 6 [#5.n] → HasPlace → [#9.n] [occ:1-n] |
| 7 DerivingEvent [#1] → HasResourceType → DerivingTool [#6.n] [occ:0-n] |
| 10 DerivingEvent [#1] → HasTimeType → TimeOfDeriving [#7.n] [occ:1-n] |
| 11 DerivingEvent [#1] → HasPlaceType → PlaceOfDeriving [#8.n] [occ:1-n] |

```

12 DerivingEvent [#1] → HasPlaceType → PlaceOfDerivingFrom [#9.n] [occ:1-n]
    13 [#9.n] → IsPartOf → [#8.n]
14 DerivingEvent [#1] → HasPlaceType → PlaceOfDerivingTo [#10.n] [occ:1-n]
    15 [#10.n] → IsEqualTo → [#9.n] [rel:Sometimes]
    16 [#10.n] → IsPartOf → [#8.n]

```

Figure 26 - (Informative) ContextDescription for AdaptingEvent (aka CopyingDigitalResourceEvent)

Figure 26 shows that the Place(s) in which the Source(s) are located have the same Value(s) as the Place(s)OfDerivingFrom (Relationships 4 and 12); the equivalent for the Derivation(s) and Place(s)OfDerivingTo (6 and 14); that the Place(s)OfDerivingFrom and Place(s)OfDerivingTo are Parts of the overall Place(s) involved (13 and 16); and finally that these two Places may be the same place (15). ContextDescription Structure: ReciprocalRelationships

Each of the Relationships formed by a ContextDescription shall have a ReciprocalRelationship, which shall not be a part of a ContextDescription. ReciprocalRelationships for the Relationships in Table 40 shall be in the form set out in Table 40.

| Relationship | Has Reciprocal |
|--|---|
| n ContextType [#n] → HasActType → ActType [#n.n] [occ:0-n] | n ActType → IsActTypeOf → ContextType |
| n ContextType [#n] → HasAgentType → AgentType [#n.n] [occ:0-n] | n AgentType → IsAgentTypeOf → ContextType |
| n ContextType [#n] → HasResourceType → ResourceType [#n.n] [occ:0-n] | n ResourceType → IsResourceTypeOf → ContextType |
| n ContextType [#n] → HasTimeType → TimeType [#n.n] [occ:1-n] | n TimeType → IsTimeTypeOf → ContextType |
| n ContextType [#n] → HasPlaceType → PlaceType [#n.n] [occ:1-n] | n PlaceType → IsPlaceTypeOf → ContextType |
| n ContextType [#n] → HasStateType → StateType [#n.n] [occ:1-n] | n StateType → IsStateTypeOf → ContextType |

Table 40 — ContextDescription Reciprocal Relationships

A.13.1.3 ContextDescription Structure: Extensibility

Each Term in any Relationship within the ContextDescription may have any number of AscriptiveRelationships and AttributiveRelationships; and the ObjectTerm of each new Relationship may have further Relationships; and so on indefinitely.

A.13.1.4 ContextDescription Structure: Enumeration

Relationship Enumerators are specifically assigned for each ContextDescription and are unique only within that ContextDescription.

A.13.1.5 ContextDescription Structure: Arbitrary Values

Two different Terms within a Context may be assigned the same ArbitraryValue to show that they have the same value. TermSet

TermSet is defined in the RDD Dictionary as “two or more Terms or TermSets grouped together under an Authority for any purpose”. Properties of a TermSet shall be constrained as set out in Table 41.

| Property of TermSet | Constraints |
|---------------------|---|
| Occurrence | Each Term may belong to any number of TermSets under any number of Authorities. |
| Authority | Each TermSet shall have at least one Authority. |

Table 41 — TermSet: constraints

A.13.2 TermSet: Structure

A TermSet shall comprise the RddIdentifiers of one or more Terms or other TermSets. A TermSet may be established by an Authority for any purpose and may contain Terms with any TermStatus defined under any Authority. Informative Figure 27 illustrates ways in which TermSets may overlap RDD TermStatus and one another.

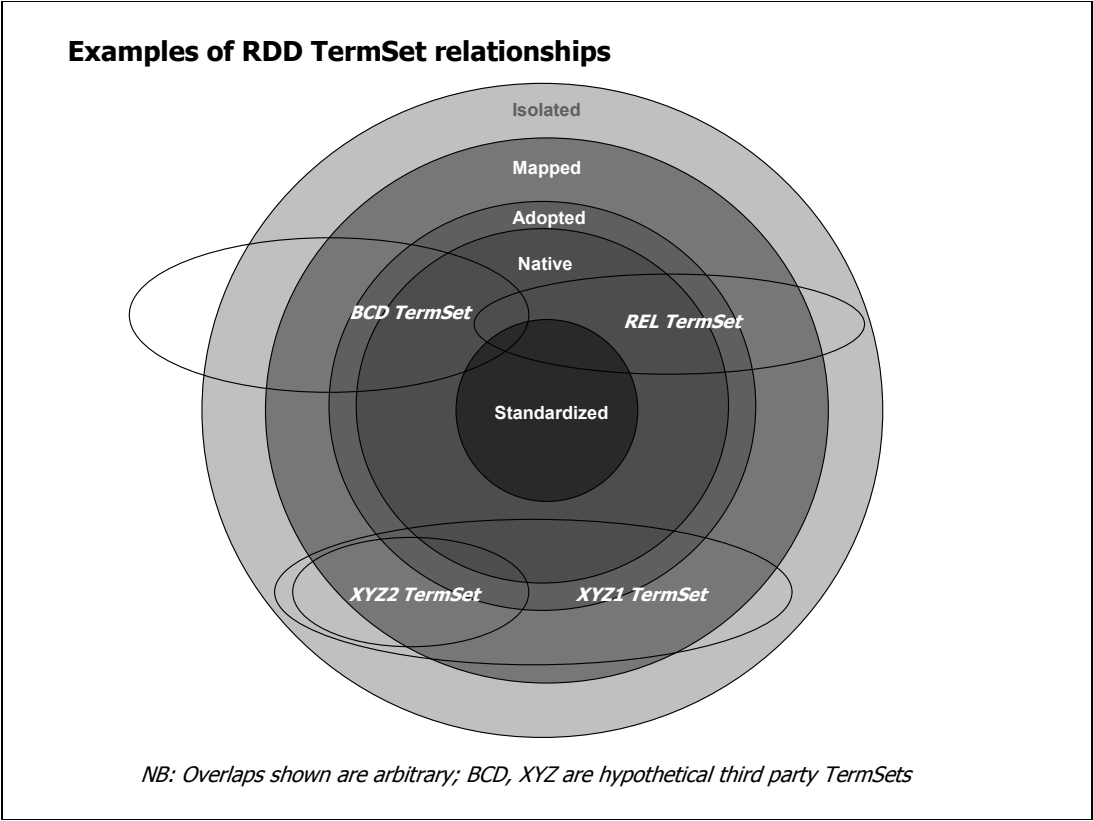


Figure 27 - (Informative) Illustration of possible TermSets by TermStatus

A.14 Comment

Comment is defined in the RDD Dictionary as “a natural language annotation of something for the purpose of amplification or clarification of its Meaning.” Properties of a Comment shall be constrained as set out in Table 42.

| Property of Comment | Constraints |
|---------------------|---|
| Occurrence | Each Term or CommentableTermAttribute may have any number of Comments under any number of Authorities in any number of Languages. One Comment may be attributed to any number of Terms. |
| Authority | Each Comment shall have at least one Authority. |
| Language | The Language of each Comment shall be identified in accordance with A.15. The value of Language for a Comment shall not be Null. Comments on all Terms other than IsolatedTerms shall at least be expressed in the CommonDescriptionLanguage. |

Table 42 — Comment: constraints

A.15 Language

Language is defined in the RDD Dictionary as “a natural Language in which a Lexical Manifestation can be expressed.” Within the Standard, Language is applied to TextualElements. Properties of Language shall be constrained as set out in Table 43.

| Property of Language | Constraints |
|---------------------------|--|
| AllowedValues | The Language of a TextualElement shall be identified using ISO639 Language codes. |
| CommonDescriptionLanguage | The Value of the CommonDescriptionLanguage shall be English (ISO 639-2 code: eng). |
| Translations | Where a TextualElement is a translation of another TextualElement into another natural Language, this shall be described by a Relationship using the RelatingTerm “IsTranslationOf”. |
| Selection | The Language attributed to a TextualElement shall be the Language in which the Element is intended to be read and understood, and not the Language according to the linguistic origin of the Term. Example (Informative): Where a Term of Latin origin (such as per cent) or French origin (such as avant garde) is being used in the context of a TextualElement expressed otherwise in English, it shall be identified as a TextualElement in the English Language. |

Table 43 — Language: constraints.

A.16 AuditAttributes

AuditAttributes are defined in the RDD Dictionary as “A set of attributes of an Event in the history of the Term or TermAttribute within the RDD Dictionary”.

A.16.1 AuditAttributes: Occurrence

Each Term and TermAttribute shall have one set of AuditAttributes corresponding to each Event of Making, Modifying or Deleting in its history.

A.16.2 AuditAttributes: Structure

The AuditAttributes shall be as set out in Table 44.

| Headword Contextual description | Constraints |
|--|--|
| Date The Date of the Event. | Each Event shall have one Date. |
| ActType The Type of Act in the Event. | Each Event shall have one ActType. The AllowedValues of the AuditAttribute ActType are Create, Modify and Delete. Further values may be added if required by the RegistrationAuthority. |
| Authority The Authority responsible for the Act. | Each Event is under at least one Authority. |
| AuditReason The reason for the Event. | Each Event may have at least one AuditReason. The AllowedValues of AuditReason shall be established by the RddRegistrationAuthority. |
| AuditComment A Comment on the reason for, or circumstances surrounding, the Event. | Each Event may have any number of Comments in any Language. AuditComments may be used as an alternative or as complementary to an AuditReason. |

Table 44 — AuditAttributes

A.17 AccessStatus

AccessStatus is defined in the RDD Dictionary as “a Status whose Value determines which RddUsers may have access to a Term or TermAttribute.” Each Term and TermAttribute has exactly one value for AccessStatus from the AllowedValues set out in Table 45. Access conditions are determined by the Authority and may be qualified to any level of granularity.

| |
|--|
| AllowedValue |
| Definition |
| OpenAccess |
| Of a Term or TermAttribute which may be accessed by any RddUser. |
| RestrictedAccess |
| Of a Term or TermAttribute which may be accessed only by a specified RddUser(s). |

Table 45 — AccessStatus: AllowedValues

Annex B (Normative)

Rules and Style Guides for Textual Elements and Headwords

B.1 RDD Definitions

B.1.1 Brevity

RDD Definitions shall be as short as possible.

B.1.2 Comments and Examples

Definitions shall not contain comments or illustrative examples. Definitions may be clarified or exemplified in separate Comments and Examples as much as is helpful.

B.1.3 Presentation

RDD Terms referenced in Definitions shall always be given initial capitals.

B.1.4 Self-reference

The Definition of a Headword shall not refer to its own meaning. Because Headwords have no semantic value (see B2 below), RDD Definitions may include words identical to those of the Headword (e.g. Act “to act”, Execute “to execute a DigitalResource”) where these words are used to convey natural language meaning and introduce it into the RDD Dictionary.

B.1.5 Axioms

Within a Family of Terms, original semantic material shall only be required to appear in the Definition of the Term that contains it, and shall not be required to be repeated in other Family Terms. For example, “Make” is defined as “to bring a Resource into existence”. Other members of the “Make” ActionFamily may refer to “Make” to convey this meaning: for example, a “Maker” is defined as “an Agent that Makes”.

B.1.6 Definitions with Derived Meanings

Definitions of Terms with DerivedMeanings shall be wholly expressed by reference to their sources (e.g. a Copier is “An Agent that Copies”).

B.2 RDD Headwords and Synonyms

Headwords are simply convenient tokens representing Terms and do not convey any inherent meaning. The construction of complex Headwords may follow conventional principles but, with the exception of the constraints below, shall have no normative rules.

B.2.1 Character restrictions

Headwords may contain any Unicode character or numeral.

B.2.2 RDD Headwords containing multiple words or symbols

RDD Headwords shall always be shown as a single string. Separate words shall be indicated by initial capitals (eg TermAttribute). Acronyms may be shown in mixed case to indicate changes in word (eg RddAuthority, not RDDAuthority).

B.2.3 Contextualized Terms

Where a Term is contextualized and no distinctive Headword is introduced, Types shall be shown by the addition of an underscore followed by a number (eg Copy_1, BegettingEvent_7). Apart from uniqueness, no significance shall be attached to the number.

B.3 Textual Elements from Authorities other than RDD

Apart from the character restrictions in B.2.1 there shall be no further restrictions on the presentation of TextualElements from Authorities other than RDD.

Annex C (Normative)

Requirements for the Registration Authority for the RDD

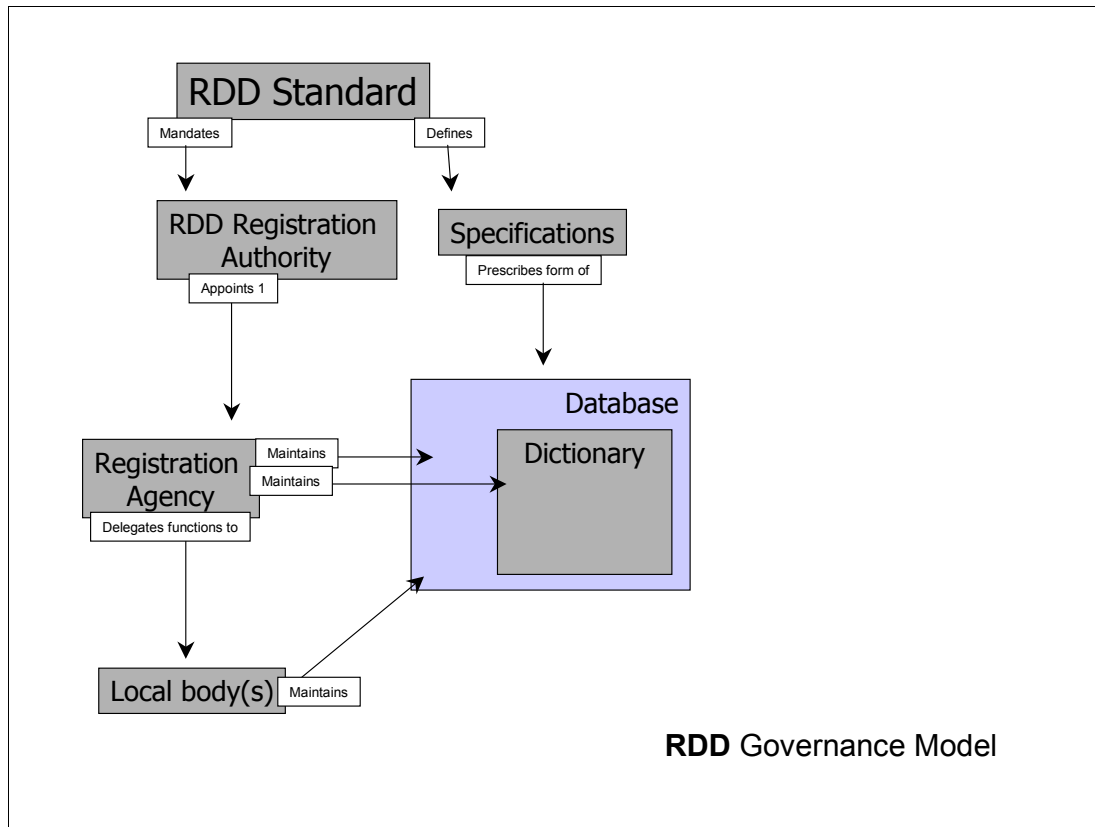


Figure 28 - (Informative) RDD Governance Model

C.1 Purpose of the RDD System

The RDD System is comprised of the following three elements:

- 1) The Specifications contained in the RDD Standard
- 2) A Dictionary - the Terms and their TermAttributes defined according to this Specification.
- 3) A Database - the tool containing the RDD Dictionary and supporting its maintenance.

Use of the RDD System will facilitate the accurate exchange and processing of information between interested parties involved in the administration of rights in, and use of, Digital Items, and in particular it is intended to support the MPEG-21 REL.

C.2 Procedure for Registering a Term or TermSet for use within MPEG-21 Framework

To register a Term or TermSet with the MPEG-21 Framework, the provider of the Term or TermSet shall apply to the Registration Authority. Registration forms shall be available from the Registration Authority.

The requester shall provide the registration information specified in C.5. Natural and legal persons are eligible to apply.

C.3 Responsibilities of the Registration Authority

The organization that is nominated as the Registration Authority for ISO/IEC 21000-6 must agree to establish and implement in accordance with this Specification a registration procedure for the assignment of unique identifiers to Terms and TermSets submitted to the RDD System.

C.3.1 Establishment

The Registration Authority shall:

- a) Establish registration and identification procedure for RDD Terms and TermSets in accordance with JTC1 Directives.
- b) Establish administrative procedures for the introduction and mapping of Terms and TermSets in the RDD System.
- c) Provide for automated look-up of RDD Dictionary Terms and Mappings.
- d) Establish procedures for the management and coordination of applications for Terms and TermSets that may be made on a sectoral, geographic or linguistic basis, including the appointment (and revocation) of sectoral, geographic or linguistic agencies as necessary.
- e) Establish procedures for the definition of Terms for use in REL expressions.
- f) Establish procedures for the recognition and identification of Authorities as defined in the Standard.
- g) Establish procedures for formal relationships between the Registration Authority and other Authorities as defined by the Standard.
- h) Establish procedures to ensure appropriate access to the RDD System in compliance with A.17 Access Conditions).

- i) Make the RDD Dictionary available upon request to National Bodies of JTC 1 that are members of ISO or IEC, to liaison organizations of ISO or IEC and to any interested party.
- j) Establish performance criteria for the operation of the RDD System.

C.3.2 Management and Maintenance

The Registration Authority shall:

- a) Maintain accurate registers of RddIds and their associated TermAttributes, either in a central database or through an authorized network of distributed databases.
- b) Establish administrative procedures for the maintenance (amendment and deletion) of Terms and TermSets within the RDD System.
- c) Establish change control procedures for the management of the RDD Dictionary.
- d) Develop documentation for the RDD System.
- e) Promote, co-ordinate and supervise the RDD System in compliance with the specifications of ISO/IEC 21000-6.
- f) Report its activities to the Secretariats of ISO/IEC JTC1, ITTF and SC29 or their designated representative(s) on an annual basis.

C.4 Contact Information for the Registration Authority

To be determined.

C.5 Responsibilities of Parties requesting an RddId

The party registering a Term or TermSet shall:

- a) Apply using the forms and procedures provided for by the Registration Authority;
- b) Provide contact information.
- c) Maintain a permanent record of the application form and the notification received from the Registration Authority.

C.6 Fees

C.6.1 fees

Subject to approval by JTC1, the Registration Authority may charge fees for the registration of Terms and TermSets on a cost-recovery basis only.

The nominated organization should describe the nature of any anticipated fees or other service charges directly related to the process of RDD registration.

C.7 Required qualifications

The organization nominated as the Registration Authority for RDD must be able to perform the functions specified in this Specification. Therefore, the nominated organization must also have the following specific qualifications:

- a) The organization must have sufficient financial resources and commitment to establish and provide ongoing support for the RDD Registration Authority.
- b) The organization must have a credible plan for the development of the RDD system during its start-up phase and first five years of operation.

C.8 Appeal Procedure for Denied Applications

A Registration Management Group (RMG) shall be formed to have jurisdiction over appeals to denied requests for Rddlds for Terms and TermSets. The RMG shall have a membership nominated by P- and L-members of the ISO technical committee responsible for ISO/IEC 21000. It shall have a convener and secretariat nominated from its members. The Registration Authority is entitled to nominate one non-voting observing member.

The responsibilities of the RMG shall be as follows:

- a) To review and act on all appeals within a reasonable time frame.
- b) To inform, in writing, organizations which make an appeal for reconsideration of its petition of the RMG's disposition of the matter.
- c) To review the annual report of the Registration Authority's summary of activities.
- d) To supply Member Bodies of ISO and National Committees of IEC with information concerning the scope of operation of the Registration Authority.

Annex D (Informative)

Examples of the Application of the RDD

D.1 Illustrative Example of the Action Family

This example shows how a complete ActionFamily of Terms may be developed. In this example, we assume that there is a requirement to add the ActType “to Hear” to the RDD. This may have arisen through the mapping of a third party dictionary, one of whose terms is based on the concept of hearing sound, perhaps to describe a listener to a radio broadcast or the right to listen to a piece of recorded evidence in a court of law.

The first step is to map the ActType into the RDD “Family Tree”. “Hear” is a specialization of “Perceive”. In RDD, “Perceive” means “to apprehend something with at least one of the five senses”. This verb has introduced the five senses of sight, hearing, taste, smell and touch into RDD as axiomatic meaning. “Hear” is a narrowing of “Perceive” because it eliminates the other four senses. “Hear” has this Definition and Genealogy:

Hear: To Perceive with the sense of hearing.
1 Hear → IsTypeOf → Perceive

Each ActType begets a Context [ref...], so “Hear” begets a “HearingEvent”, defined (using the definition of “PerceivingEvent” as a model) as “an event in which something is heard”. Because “Hear” is a Type of “Perceive”, “HearingEvent” is a Type of “PerceivingEvent”, and so has this Definition and Genealogy:

Hearing Event: An Event in which something is Heard.
1 HearingEvent → IsContextTypeBegottenBy → Hear
2 HearingEvent → IsTypeOf → PerceivingEvent

Each ActType may also beget one or more AgentType, ResourceType, TimeType and PlaceType within its Context [ref...]. The starting points for these are the corresponding Types begotten by the parent (in this case, “Perceive”). Unless a particular element is being specialized, each parent will have one child, in this case leading to the following Terms with Definitions and Genealogies:

Hearer: An Agent that Hears
1 Hearer → IsAgentTypeBegottenBy → Hear
2 Hearer → IsTypeOf → Perceiver

Sound: Something that is Heard
1 Sound → IsResourceTypeBegottenBy → Hear
2 Sound → IsTypeOf → Percept

ToolForHearing: A Tool Used in Hearing a Sound
1 ToolForHearing → IsResourceTypeBegottenBy → Hear
2 ToolForHearing → IsTypeOf → PerceivingTool

TimeOfHearing: A Time of a HearingEvent
1 TimeOfHearing → IsTimeTypeBegottenBy → Hear
2 TimeOfHearing → IsTypeOf → TimeOfPerceiving

1 PlaceOfHearing: A Place of a HearingEvent
2 PlaceOfHearing → IsPlaceTypeBegottenBy → Hear
3 PlaceOfHearing → IsTypeOf → PlaceOfPerceiving

ISO/IEC FCD 21000-6

Note how the ActionFamily provides a definition for very common concepts (“Hearer” and “Sound”) as well as several others which are less obvious but may sometimes be required. By this means common nouns are introduced into the RDD through their relationship with a verb.

These five new Terms complete the ContextDescription [ref...] for a “HearingEvent”:

- 1 HearingEvent → HasAgentType → Hearer [occ:1-n]
- 2 HearingEvent → HasResourceType → Sound [occ:1-n]
- 3 HearingEvent → HasResourceType → ToolForHearing [occ:0-n]
- 4 HearingEvent → HasTimeType → TimeOfHearing [occ:0-n]
- 5 HearingEvent → HasPlaceType → PlaceOfHearing [occ:0-n]

The number of occurrences is inherited from the parent Context, unless there are further specializations, which may have a number of occurrences less (but not greater) than the number of occurrences in the parent Context. In this example there are no such specializations.

Now, by removing the Act and Context and taking the ActionFamilyRelationalView [ref...] all the RelatingTerms which may exist directly between the elements of the Context can be begotten. In this case there are five elements, so there will be 5 x 5 = 25 RelatingTerms, as identified by sequential numbers in this matrix:

| | Hearer | Sound | ToolForHearing | TimeOfHearing | PlaceOfHearing |
|----------------|--------|-------|----------------|---------------|----------------|
| Hearer | 1 | 2 | 3 | 4 | 5 |
| Sound | 6 | 7 | 8 | 9 | 10 |
| ToolforHearing | 11 | 12 | 13 | 14 | 15 |
| TimeOfHearing | 16 | 17 | 18 | 19 | 20 |
| PlaceOfHearing | 21 | 22 | 23 | 24 | 25 |

For example, RelatingTerm 2 expresses the relationship from a Hearer to a Sound, and might conveniently be called “IsHearerOf” (so Hearer → IsHearerOf → Sound). The names of these Terms are also most conveniently adapted from those of its parent (in this case, “IsPerceiverOf”).

Some of these Terms are very common and useful; others are less useful but may occur in some circumstances. For example, RelatingTerm 2 “IsHearerOf” or its counterpart RelatingTerm 6 “IsHeardBy” are likely to be used by any metadata scheme that deals with hearing. On the other hand, RelatingTerms 20 and 24, the relationships between the Time and Place at which a Sound is Heard, will occur rarely if at all. The Terms do not all need to be Begotten at the outset: any or all of the 25 Terms may be Begotten when needed [ref...], so long as a Term is always matched in the RDD Dictionary by its Reciprocal. Note that Terms 1, 7, 13, 19 and 25 are their own Reciprocals.

Here is an example of the Definition and Genealogy for RelatingTerm 6:

- IsHeardBy: The RelatingTerm between Sound and Hearer.
- 1 IsHeardBy → IsRelatingTermBegottenBy → Hear
 - 2 IsHeardBy → IsTypeOf → IsPerceivedBy
 - 3 IsHeardBy → IsRelatingTermFrom → Sound
 - 4 IsHeardBy → IsRelatingTermTo → Hearer
 - 5 IsHeardBy → IsReciprocalOf → Hears

Each of the 25 RelatingTerms will have a Definition and Genealogy following this precise model. They may be given Headwords as in the following list, which are shown here in the triple in which they each arise:

- 1 Hearer → HasCo-Hearer → Hearer
- 2 Hearer → IsHearerOf → Sound
- 3 Hearer → IsHearerWith → ToolForHearing

4 Hearer → IsHearerAt → TimeOfHearing
 5 Hearer → IsHearerIn → PlaceOfHearing
 6 Sound → IsHeardBy → Hearer
 7 Sound → HasCo-Sound → Sound
 8 Sound → IsHeardWith → ToolForHearing
 9 Sound → IsHeardAt → TimeOfHearing
 10 Sound → IsHeardIn → PlaceOfHearing
 11 ToolForHearing → IsToolForHearingBy → Hearer
 12 ToolForHearing → IsToolForHearing → Sound
 13 ToolForHearing → HasCo-ToolForHearing → ToolForHearing
 14 ToolForHearing → IsToolForHearingAt → TimeOfHearing
 15 ToolForHearing → IsToolForHearingIn → PlaceOfHearing
 16 TimeOfHearing → IsTimeOfHearingBy → Hearer
 17 TimeOfHearing → IsTimeOfHearingOf → Sound
 18 TimeOfHearing → IsTimeOfHearingWith → ToolForHearing
 19 TimeOfHearing → HasCo-TimeOfHearing → TimeOfHearing
 20 TimeOfHearing → IsTimeOfHearingAt → PlaceOfHearing
 21 PlaceOfHearing → IsPlaceOfHearingBy → Hearer
 22 PlaceOfHearing → IsPlaceOfHearingOf → Sound
 23 PlaceOfHearing → IsPlaceOfHearingWith → ToolForHearing
 24 PlaceOfHearing → IsPlaceOfHearingAt → TimeOfHearing
 25 PlaceOfHearing → HasCo-PlaceOfHearing → PlaceOfHearing

Each of these RelatingTerms carries with it the semantics of the ActType and the two Terms which it links. Therefore from this triple:

“John” → IsHearerOf → “Beethoven’s 5th”

it can be inferred that “John” plays the role of a Hearer and “Beethoven’s 5th” that of a Sound.

RelatingTerms 1, 7, 13, 19 and 25 express relationships which exist when there are multiple occurrences of an element in a Context. For example, if “John” and “Mary” both Hear “Beethoven’s 5th”, then

“John” → HasCo-Hearer → “Mary”, and
 “Mary” → HasCo-Hearer → “John”

This completes the ActionFamily. However, two remaining sets of Terms may be Begotten from the Event (a “HearingEvent”) which has been Begotten by the ActType “Hear”. The first are the adjectival QualityTypes [ref...] which can be begotten for the Historic, Current and Potential Quality of each Agent and Resource (that is 3 x 2 = 6 in this case), which might have Headwords, Definitions and Genealogies as follows:

HasHeard: The Historic Quality of a Hearer

1 HasHeard → IsQualityTypeBegottenBy → HearingEvent
 2 HasHeard → IsHistoricQualityOf → Hearer
 3 HasHeard → IsTypeOf → HasPerceived

Hearing: The PresentQuality of a Hearer

1 Hearing → IsQualityTypeBegottenBy → HearingEvent
 2 Hearing → IsPresentQualityOf → Hearer
 3 Hearing → IsTypeOf → Perceiving

CapableOfHearing: The PotentialQuality of a Hearer

1 CapableOfHearing → IsQualityTypeBegottenBy → HearingEvent
 2 CapableOfHearing → IsPotentialQualityOf → Hearer
 3 CapableOfHearing → IsTypeOf → Perceiving

Heard: The HistoricQuality of a Sound

- 1 Heard → IsQualityTypeBegottenBy → HearingEvent
- 2 Heard → IsHistoricQualityOf → Sound
- 3 Heard → IsTypeOf → Perceived

BeingHeard: The PresentQuality of a Sound

- 1 BeingHeard → IsQualityTypeBegottenBy → HearingEvent
- 2 BeingHeard → IsPresentQualityOf → Sound
- 3 BeingHeard → IsTypeOf → Perceived

Hearable: The PotentialQuality of a Sound

- 1 Hearable → IsQualityTypeBegottenBy → HearingEvent
- 2 Hearable → IsPotentialQualityOf → Sound
- 3 Hearable → IsTypeOf → Perceivable

Finally one or more StateTypes may arise from the Event. Any of the RelatingTerms involving Agent and Resources may give rise to a Situation in which an Attribute persists for a certain time and place. There are no immediately obvious useful examples for “Hear”, but in principle a Situation in which “Hearer → HasHeard → Sound” exists indefinitely from the EndTime of the HearingEvent. StateTypes based on the static ActTypes “HaveHeard”, “HaveBeenHeardBy” and “HaveBeenHeardWith” may all be begotten if required.

In summary, through the ContextModel the ActType “Hear” has begotten an ActionFamily (with ContextFamily “extensions”) of at least 37 Terms, with further StateTypes if required. Each of these begotten Terms has a predictable DerivedMeaning, as no new semantic material has been introduced, and the only point of specialization has been the narrowing of the meaning of “Hear” from “Perceive” by eliminating the other four senses.

It can be seen from this how the addition of a single element to the Context increases the potential number of Terms by arithmetic progression. One additional ResourceType in the “Hear” Family would add a possible 11 RelatingTerms, 3 Qualities and many StateTypes.

When an ActionFamily is begotten, only the Types of the BasicTerms are mandatory. All RelatingTerms, QualityTypes and StateTypes can be begotten as needed for mapping.

D.2 Specialization and Mapping

The Standardized Terms contained in Clause 5.4 provide the basic Terms required to support the expression of rights in the REL (ISO/IEC 21000-5). However, these Terms will not be sufficient for all users of the REL. In particular, rights holders will want to model their established contracts and licences by creating customised instantiations of the Standardized Terms, based on terms in their own vocabulary. This process, called Specialization, utilizes a Standardized Term, constrained in very specific ways, to produce a Specialization of a Standardized Term.

For instance, a hypothetical institution (“acme”) might use the term “Copy” (this verb is referred to as “acmeCopy” in this example). Such an action is commonly referred to in everyday permissions, but, for reasons explained in Annex A (REF), there is no explicit “Copy” ActType in RDD or REL. In order to support the “acme” institution it is necessary to show how the acmeCopy can be mapped to the RDD, and how this mapping may be used to support an REL rights expression.

This process of specialisation is also a means by which the RDD will be populated and extended. In order to specialise existing StandardizedTerms, it will often be necessary to add additional terms to the RDD to support the mapping of acmeCopy alongside the mapped Term itself. This is illustrated in the example below, where three other new Terms are introduced to complete the mapping of acmeCopy, and others are assumed to have been already added. It will be just the same when any other Term from an external schema requires mapping. Gradually, of course, the RDD will grow to such an extent that it already contains the majority of Terms necessary to support such mappings, but there is always likely to be a requirement for the development of some new Terms to ensure effective mapping.

The example given here illustrates the processes of Specializing a Term (D.2.1) and of mapping the new Term from RDD to REL (D.2.2). The commentary is then extended to illustrate the making of a new RDD NativeTerm (D.2.3), and using RDD Mappings (D.2.4).

As is pointed out above, an act of “copying” has been used in this example because such terms are commonly referred to in permissions, and because there is no specific “Copy” ActType in RDD or REL. This illustration shows how “Adapt” can be specialized to describe one of the many different possible meanings of “Copy”.

In the hypothetical use case, the “acme” institution defines the act of “Copy” as follows:

“Make a single bit-for-bit version [of a digital resource]”.

In the following example, subscribers to “acme”’s definition wish to grant permissions to do this “Copy” act, using the REL.

D.2.1 Specialization

Because acmeCopy describes the making of a new version of something, the Term is a specialization of RDD’s “Adapt”:

Adapt: “To ChangeTransiently an existing Resource to Derive a new Resource”.

What acmeCopy adds is a constraint about the existing resource (it is a “digital resource”, which is known from the scope of the “acme” dealings), a constraint about the comparison between the old and new resources (they must match “bit-for-bit”), a constraint about the new resource (it must be a “single” copy), and a constraint about the locations of the two resources (they must not be the same).

The RDD mapping, carried out by the RDD Registration Authority with the approval of (and where clarification is necessary, in consultation with) the Authority for “acme”’s vocabulary, must incorporate these constraints in a specialized version of “Adapt”, reflecting as unambiguously as possible the meaning of acmeCopy in Terms which are understandable in RDD and thereby interpretable into the REL.

The contextual Attributes of “Adapt” are set out in the RDD ContextDescription for an “AdaptingEvent”. Together these relationships describe the constraints on “Adapt”. This ContextDescription is set out in a table below, along with a commentary explaining the meaning of each relationship.

| | “Adapt” constraints (ContextDescription Relationships) | Narrative description |
|----|---|--|
| 1 | AdaptingEvent → HasActType → Adapt [occ:1] | This Event describes the Act of “Adapt”. |
| 2 | AdaptingEvent → HasAgentType → Adaptor [occ:1-n] | There will be one or more Agents (“Adaptors”) doing the Adapting. |
| 3 | AdaptingEvent → HasResourceType → Adaptation [#1.n] [occ:1-n] | There are one or more new Resources (“Adaptations”) made and... |
| 4 | [#1.n] → HasPlace → [#5.n] [occ:1-n] | ...these new Resource(s) are in particular Place(s), which are the same Place(s) that are referred to in (12). |
| 5 | AdaptingEvent → HasResourceType → SourceOfAdaptation [#2.n] [occ:1-n] | One or more existing Resources (“Source(s)OfAdaptation”) are Adapted and... |
| 6 | [#2.n] → HasPlace → [#4.n] [occ:1-n] | ...these existing Resource(s) are in particular Place(s), which are the same Place(s) that are referred to in (11). |
| 7 | AdaptingEvent → HasResourceType → AdaptingTool [occ:0-n] | One or more Tools (“AdaptingTools”) may have been used in the process. |
| 8 | AdaptingEvent → HasTimeType → TimeOfAdapting [occ:1-n] | The AdaptingEvent happened in one or more Times. |
| 9 | AdaptingEvent → HasPlaceType → PlaceOfAdapting [#3.n] [occ:1-n] | The AdaptingEvent happened in one or more Places. |
| 10 | AdaptingEvent → HasPlaceType → PlaceOfAdaptingFrom [#4.n] [occ:1-n] | The “TransientChange” part of Adapting (that is, making temporary changes to existing Resource) happened in one or more Places, and... |

| | | |
|----|---|---|
| 11 | [#4.n] → IsPartOf → [#3.n] | ...these Place(s) are within the Place(s) referred to in (9). |
| 12 | AdaptingEvent → HasPlaceType → PlaceOfAdaptingTo [#5.n] [occ:1-n] | The "Derive" part of Adapting (that is, bringing the new Resource into existence) happened in one or more Places, and ... |
| 13 | [#5.n] → IsPartOf → [#3.n] | ...these Place(s) are within the Place(s) referred to in (9), and... |
| 14 | [#5.n] → IsEqualTo → [#4.n] [rel:Sometimes] | ...the Place(s) referred to in (10) may the same Place |

In specializing "Adapt" to acmeCopy, each of these Relationships is examined to see if further constraints are required for the new Term. No new relationships may be introduced unless they are Attributes or Ascriptions of existing ObjectTerms. From the description of the four particular constraints of acmeCopy given earlier, a specialized ContextDescription for acmeCopy may be produced as follows (changes from "Adapt" shown in bold):

| | "acmeCopy" constraints (ContextDescription Relationships) | Narrative description of specialization from "Adapt" |
|----|---|---|
| 1 | CopyingEvent_1 → HasActType → acmeCopy [occ:1] | "AdaptingEvent" is specialized to the " CopyingEvent_1 ", following the naming conventions of Annex B, assuming this is the first specialization done by RDD. There is no significance in the name or number used. "Adapt" is specialized to " acmeCopy ". Both "acmeCopy" and "CopyingEvent_1" will be Headwords of new Terms with new RddIDs. |
| 2 | CopyingEvent_1 → HasAgentType → Adaptor [occ:1-n] | No additional constraint. |
| 3 | CopyingEvent_1 → HasResourceType → Adaptation [#1] [occ:1] | Only one Adaptation is made (the acmeCopy definition refers to a "single copy"). |
| 4 | [#1] → HasPlace → [#5.n] [occ:1-n] | No further constraint. Note that although it may seem that there should only be a single Place for a single Resource, Places may be described in different ways – for example, a single Resource may be located in a Country and in a type of Repository, and therefore be in two "Places". |
| 5 | [#1] → IsA → DigitalResource | The Adaptation is Classified as a DigitalResource , as in the acme schema applies only to digital Resources. |
| 6 | [#1] → Has → NumberOfBits [#6] [occ:1] | The Adaptation contains a certain number of bits (" NumberOfBits "). The value of this Attribute is equal to the value of the NumberOfBits which the SourceOfAdaptation has in (11). This deals in part with the acmeCopy requirement for a "bit-for-bit version". If this Term does not yet exist in RDD it must be created. |
| 7 | [#1] → Has → BitSequence [#7] [occ:1] | The Adaptation is linearly read in a particular sequence (" BitSequence "). The value of this Attribute is equal to the value of the BitSequence which the SourceOfAdaptation has in (12). Taken with (6), this completes the acmeCopy requirement for a "bit-for-bit version". If this Term does not yet exist in RDD it must be created. |
| 8 | CopyingEvent_1 → HasResourceType → SourceOfAdaptation [#2] [occ:1] | Only one SourceOfAdaptation is used, as implied in the acmeCopy definition for a "single" new version. |
| 9 | [#2] → HasPlace → [#4.n] [occ:1-n] | No additional constraint. See note on (4). |
| 10 | [#2] → IsA → DigitalResource | The SourceOfAdaptation is Classified as a DigitalResource , as the "acme" schema applies only to digital resources. |
| 11 | [#2] → Has → NumberOfBits [#6] [occ:1] | The SourceOfAdaptation contains a certain number of bits (" NumberOfBits "). The value of this Attribute is equal to the value of the NumberOfBits which the Adaptation has in (6). |
| 12 | [#2] → Has → BitSequence [#7] [occ:1] | The SourceOfAdaptation may be linearly read in a particular sequence (" BitSequence "). The value of this Attribute is equal to the value of the BitSequence which the Adaptation has in (7). |
| 13 | CopyingEvent_1 → HasResourceType → AdaptingTool [occ:0-n] | No additional constraint. |
| 14 | CopyingEvent_1 → HasTimeType → TimeOfAdapting [occ:1-n] | No additional constraint. |
| 15 | CopyingEvent_1 → HasPlaceType → PlaceOfAdapting [#3.n] [occ:1-n] | No additional constraint. |

| | | |
|----|---|---------------------------|
| 16 | CopyingEvent_1 → HasPlaceType → PlaceOfAdaptingFrom [#4.n] [occ:1-n] | No additional constraint. |
| 17 | [#4.n] → IsPartOf → [#3.n] | No additional constraint. |
| 18 | CopyingEvent_1 → HasPlaceType → PlaceOfAdaptingTo [#5.n] [occ:1-n] | No additional constraint. |
| 19 | [#5.n] → IsPartOf → [#3.n] | No additional constraint. |
| 20 | [#5.n] → IsEqualTo → [#4.n] [rel:Sometimes] | No additional constraint. |

To establish its mapping into RDD, acmeCopy requires a Genealogy and Status as follows:

acmeCopy → IsTypeOf → Adapt
Status=MappedTerm.

acmeCopy retains its definition under its own Authority, that is:

acmeCopy: "Make a single bit-for-bit version [of a digital resource]".

Under the RDD Authority, acmeCopy may also have a written Definition as follows:

acmeCopy: A Type of Adapt whose Adaptation and SourceOfAdaptation are single DigitalResources with NumberOfBits and BitSequence of the same value.

This provides an example of the same Meaning and Headword being defined in two different forms by two different Authorities.

The new Terms introduced into the ContextDescription now require formal RDD Definitions and Genealogies. One of these is already a StandardizedTerm:

DigitalResource: "A Resource comprised of digital bits".
DigitalResource → IsTypeOf → Resource

The other three new Terms may be given Definitions, Genealogies and Status as follows:

CopyingEvent_1: "An Event in which a Resource is Adapted with the constraints of acmeCopy".
CopyingEvent_1 → IsTypeOf → AdaptingEvent
CopyingEvent_1 → IsContextTypeBegottenBy → acmeCopy
Status=NativeTerm.

NumberOfBits: "The number of bits of which a DigitalResource is comprised".
NumberOfBits → IsTypeOf → Count
NumberOfBits → HasUnitOfMeasure → Unit
NumberOfBits → IsMeasureOf → Bit
Status=NativeTerm.

BitSequence: "The linear sequence in which the bits of a DigitalResource are logically arranged".
BitSequence → IsTypeOf → Form
BitSequence → IsFormOf → DigitalResource
Status=NativeTerm.

In this example it is assumed that some other non-Standardized Terms will be (or already have been) included in RDD as NativeTerms. For example, it is to be expected that a substantial range of generic types of Measure (including "Count") and UnitsOfMeasure (including "Unit") will be introduced as required. Similarly, there may be intermediate Terms in the hierarchy between "BitSequence" and "Form" (for example, "Sequence") to provide a more gradual specialization following the ideal principle of specializing one Attribute at a time. Further Terms such as "Bit", "Linear" and "LogicallyArranged" are likely to be added, with the result that additional Relationships will further refine these Genealogies. Provided that they are only adding intermediate and consistent hierarchical Terms, or giving formal definition to implicit constraints, additional Genealogy triples may be added to the RDD at any time.

Comment: Wa who?

ISO/IEC FCD 21000-6

These additional Terms will be RDD NativeTerms. They are required to support the mapping of acmeCopy (as well as other Terms), but do not belong to the acme authority itself. It will be normal for such additional Terms to be added when they are common to other external Terms.

In summary, the following four Terms will have been added to the RDD in this example:

| Headword Definition (<i>Authority</i> if not RddAuthority) | <i>TermStatus</i> <i>MeaningType</i> <i>Genealogy</i> <i>ContextDescription</i> (for Contexts only) |
|---|---|
| acmeCopy 1. A Type of Adapt whose Adaptation and SourceOfAdaptation are single DigitalResources with NumberOfBits and BitSequence of the same value . 2. Make a single bit-for-bit version of a digital resource in a new location. (<i>Authority</i> : acme). | <i>TermStatus</i> : MappedTerm <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> acmeCopy → IsTypeOf → Adapt |
| CopyingEvent_1 An Event in which a Resource is Adapted with the constraints of acmeCopy. | <i>TermStatus</i> : NativeTerm <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> 1 CopyingEvent_1 → IsTypeOf → AdaptingEvent 2 CopyingEvent_1 → IsContextTypeBegottenBy → acmeCopy <i>ContextDescription</i> 1 CopyingEvent_1 → HasActType → acmeCopy [occ:1] 2 CopyingEvent_1 → HasAgentType → Adaptor [occ:1-n] 3 CopyingEvent_1 → HasResourceType → Adaptation [#1] [occ:1] 4 [#1] → HasPlace → [#5.n] [occ:1-n] 5 [#1] → IsA → DigitalResource 6 [#1] → Has → NumberOfBits [#6] [occ:1] 7 [#1] → Has → BitSequence [#7] [occ:1] 8 CopyingEvent_1 → HasResourceType → SourceOfAdaptation [#2] [occ:1] 9 [#2] → HasPlace → [#4.n] [occ:1-n] 10 [#2] → IsA → DigitalResource 11 [#2] → Has → NumberOfBits [#6] [occ:1] 12 [#2] → Has → BitSequence [#7] [occ:1] 13 CopyingEvent_1 → HasResourceType → AdaptingTool [occ:0-n] 14 CopyingEvent_1 → HasTimeType → TimeOfAdapting [occ:1-n] 15 CopyingEvent_1 → HasPlaceType → PlaceOfAdapting [#3.n] [occ:1-n] 16 CopyingEvent_1 → HasPlaceType → PlaceOfAdaptingFrom [#4.n] [occ:1-n] 17 [#4.n] → IsPartOf → [#3.n] 18 CopyingEvent_1 → HasPlaceType → PlaceOfAdaptingTo [#10.n] [occ:1-n] 19 [#5.n] → IsPartOf → [#3.n] 20 [#5.n] → IsEqualTo → [#4.n] [rel:Sometimes] |
| NumberOfBits The number of bits of which a DigitalResource is comprised. | <i>TermStatus</i> : NativeTerm <i>MeaningType</i> : PartlyDerived <i>Genealogy</i> |

| | |
|--|---|
| | 1 NumberOfBits → IsTypeOf → Count 2 NumberOfBits → HasUnitOfMeasure → Unit 3 NumberOfBits → IsMeasureOf → Bit |
| BitSequence The linear sequence in which the bits of a DigitalResource are logically arranged. | <i>TermStatus:</i> NativeTerm <i>MeaningType:</i> PartlyDerived <i>Genealogy</i> 1 BitSequence → IsTypeOf → Form 2 BitSequence → IsFormOf → DigitalResource |

D.2.2 Mapping to REL

When a new ActType (such as “acmeCopy”) has been introduced into RDD, it may be referenced by the REL as illustrated in Annex C “Extension Mechanisms for Introducing New Rights” in the REL Standard (ISO 21000 Part 5).

D.2.3 Introducing new Native Terms to RDD

The example above shows acmeCopy as a MappedTerm. If the same Term, or a Specialization of it, is presented for mapping by another schema, then the RDD Registration Authority will upgrade the TermStatus of acmeCopy to that of NativeTerm, giving it an RDD Headword of (for example) “Copy_1” .acmeCopy and any other Headwords from other Authorities will also be Headwords for this Term under their respective Authorities. It remains a single Term, but now with multiple Headwords and other Attributes under multiple Authorities.

D.2.4 Using RDD Mappings

If “acme” were the only external dictionary mapped to RDD, or one of a very small number operating in discrete vertical markets, the RDD mapping process would be of limited value: extensions could be made directly by mapping to REL. RDD might assist considerably in the analysis required for such mappings, but once achieved would have no further role to play.

However, there are any number of schemas and vocabularies, proprietary and standard (formal and de facto), operating at different points in the content chain. There may therefore be large numbers of specializations of “Adapt”, overlapping and differing in any number of detailed ways, which may now be mapped and therefore represented in RDD in a single standard form using common component Terms and structures. This process applies not only to verbs, but to Terms of any Type whatsoever, and in any combinations which may make up parts of rights expressions.

The kinds of questions likely to be asked by users of REL will include: *If I have the right to acme’s “Copy”, do I have the right to foo’s “Copy”? Can I use this REL expression with this kind of Resource? How can I write this licence using terminology from that schema?*

The RDD Standard alone does not provide the process rules or software specification to answer such queries directly, but it provides a formal semantic network which makes it possible for existing or future standard or proprietary tools to achieve.