

ISO SC4/WG10 STEP Modularization
PWI Workshop Draft Agenda

Winter Park
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David Price
dmprice@us.ibm.com
+1 843 760 4341

Agenda

- **Where we are**
 - **Bordeaux SC4 Modularization Resolution**
 - **Review of Deliverables**
 - **Planned Fall Deliverables**
- **Review and update of AM Content Guidelines**
- **Review and update of Modular AP Content Guidelines**
- **Review and update of AP/AM Development Process Guidelines**
 - **Grouping HTML modules for ballot**

Bordeaux SC4 Resolution

- "STEP Modules Harmonization Team" is planned
- "SC4 resolves to establish this team prior to the next meeting in Charleston, and directs them to commence work upon completion of the necessary guidelines by the PWI (see resolution 374)."
- "SC4 directs the PWI to complete the guidelines and submit them for standing document ballot no later than 2000-10-30."

Review of Deliverables

Status of Deliverables(1)

- **AM Development Guidelines**
 - No change since Revision 0.6 N221 dated 1998-12-23
 - Some updates based on DTS should be made
- **AM Validation Guidelines**
 - Initial IDEF activity model developed September 1998
- **AM/AP Integration/Harmonization Guidelines**
 - Now “Application Module Development Points within the Application Protocol Development Process”
 - No change since Revision 0.2 N223 dated 1999-01-21
- **AM Development Recommended Practices**
 - New document starting from content in Framework

Status of Deliverables(2)

- **Guidelines for the content of application protocols using application modules**
 - No change since Revision 0.6 N222 dated 1998-12-21
- **Overview Paper and Presentation**
 - Papers and presentations available
 - *** Half day overview in Bordeaux!
- **Framework for AP/AM Categorization**
 - SC4 Industrial Data Framework
 - Published revision for review/overview in Bordeaux
 - New “Recommended Practices for Modules Developers”
 - No first draft yet
- **At least 2 example AM suites from different industries**
 - PDES, Inc. PDM planning ballot this year
 - EACM has adopted modular approach

Status of Deliverables(3)

- **Guidelines for the Content of Application Extensions and extended Aps**
 - Notes from workshop exist, no draft document
- **Example AP using AM**
 - *** Small “parts catalog” AP and “big module” created at May workshop in London
 - *** It uses 15 of the PDM modules
- **AM Catalogue example/demonstrator**
 - Still separate demos of repository, catalogue, UoF library
- **Proposal for SC4 support processes**
 - Technical Specification ballot content/process agreed
 - “Foundation modules” belong to WG12, more application oriented belong to WG3 or JWG9
 - *** Recommendation for Harmonization Team developed at May workshop in London

Status of Deliverables(4)

- **Draft Part 1 amendment**
 - No owner identified
- **Impact paper Integrated and Common Resources**
 - First draft on team site
- **Impact paper Implementation Methods**
 - First draft on team site
 - if EXPRESS amendment is approved, we need to amend these
 - Part 21 Edition 2 DIS out for ballot
- **Impact paper EXPRESS-X**
 - First draft on team site
- **Impact paper EXPRESS-2**
 - EXPRESS modularization amendment DIS technically ready

Status of Deliverables(5)

- **Impact paper WG10 Data Architecture PWI**
 - brainstorming at London workshop
- **Impact paper on Vendors**
 - first draft on team site
- **Impact paper on Users**
 - First draft on team site

Planned Fall Guidelines Deliverables

Planned Fall Guidelines Deliverables

- **Guidelines for the content of application modules**
 - No change since Revision 0.6 N221 dated 1998-12-23
 - Some updates based on DTS should be made
- **Application Module Development Points within the Application Protocol Development Process**
 - No change since Revision 0.2 N223 dated 1999-01-21
- **Guidelines for the content of application protocols using application modules**
 - No change since Revision 0.6 N222 dated 1998-12-21

Guidelines for the content of application modules

Review and update

- **Inputs to the workshop**
 - Revision 0.6
 - New mapping table guidelines
 - Shape appearance and layers modules ISO documents
 - PDM modules HTML suite
- **Desired output of the workshop**
 - Issues against Revision 0.6
 - Resolution or action item for each issue
 - Plan to produce draft standing document to go out for ballot after the Charleston meeting

Standing document submission process

- **Complete draft on SOLIS**
- **4 week WG10 review**
- **further 4 week review if significant technical issues**
- **PL checklist and signoff**
- **WG10 checklist and signoff**
- **3 month ballot**
- **PL resolves issues, publishes draft**
- **4 week confirmation of issue resolution by WG**

Guidelines for the content of application protocols using application modules

Review and update

- **Inputs to the workshop**
 - Revision 0.6
 - Sample modular AP in HTML
- **Desired output of the workshop**
 - Issues against Revision 0.6
 - Resolution or action item for each issue
 - Plan to produce draft standing document to go out for ballot after the Charleston meeting

Application Module Development Points
within the Application Protocol
Development Process

Review and update

- **Inputs to the workshop**
 - Revision 0.2
 - Current Guidelines for the development and approval of STEP application protocols document SC4 N535:1998 dated 1998-12-18
- **Desired output of the workshop**
 - Issues against Revision 0.2
 - Resolution or action item for each issue
 - Plan to produce draft standing document to go out for ballot after the Charleston meeting