

1 **(i) Name of TC:**

2 Extensible Resource Identifier (XRI) Technical Committee  
3

4 **(ii) Statement of Purpose:**

5 Increasingly, there is a demand for distributed directory services that enable the  
6 identification of any type of resource, both those directly on the network and those  
7 abstract from it, and the sharing of data across domains, enterprises, and applications.  
8

9 Meeting this need requires an extensible, location-, application-, and transport-  
10 independent identification scheme that provides addressability not just of resources, but  
11 of their attributes and versions. The scheme should support both persistent and  
12 reassignable identifiers that can be optimized for either human usage or machine  
13 efficiency. It should ideally impose no limits on the underlying directory, data, or  
14 delegation models and thus be interoperable across the greatest possible number of  
15 systems and domains.  
16

17 The purpose of this committee is to define a URI scheme and a corresponding URN  
18 namespace that meet these requirements. The URI scheme will conform to RFC 2396 and  
19 will act as a superset of the URN namespace, enabling both simple human-readable  
20 names for resources as well as persistent identifiers. The URN namespace will be  
21 compliant with RFC 2141 and be guided by the requirements in RFC 1737 for resources  
22 that need the ability to be persistently identified and linked.  
23

24 This TC will also define basic mechanisms for resolving the identifiers in these  
25 schemes/namespaces **including examining extensible solutions such as the IETF DDDS**  
26 **framework** for resolution (RFC 3401-3405).  
27

28 **Subsequent to the completion of this work, a follow-on TC is expected to define a**  
29 **mechanism for exchanging data associated with an XRI, including a schema for**  
30 **associating metadata with XRI-identified resources and a REST-like (Representational**  
31 **State Transfer) service to operate on this metadata and the data it describes. Such a**  
32 **service would provide a platform for integrating XRIs with directory-related**  
33 **specifications such as LDAP, DSML, and SPML.**  
34

35 This TC's work **may** be influenced by the general architecture described in XNS and  
36 specifically by the XNS Addressing Specification. The XNS specifications published by  
37 the XNS Public Trust Organization (XNSORG) will be contributed to the TC for  
38 consideration in the committee's work. XNS is licensed under royalty-free (RF) terms as  
39 described in [http://www.xns.org/pages/XNS\\_License.pdf](http://www.xns.org/pages/XNS_License.pdf).  
40

41 In no event shall this Technical Committee finalize or approve any technical specification  
42 if it believes that the use, distribution, or implementation of such specification would  
43 necessarily require the unauthorized infringement of any third party rights known to the

44 Technical Committee, and such third party has not agreed to provide necessary license  
45 rights on perpetual, royalty-free, non-discriminatory terms.

46

47 **(iii) List of Deliverables:**

48 The TC deliverables will include:

49 1) Use cases & requirements

50 2) A syntax specification for the URI scheme & URN namespace

51 3) A resolution specification for the URI scheme & URN namespace

52

53 The TC intends to deliver its first specifications in Spring 2003 and continue to release

54 additional deliverables at least quarterly.

55

56 **(iv) Language:**

57 English

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59 **(v) Date and Time of First Meeting:**

60 The first meeting will be held by tele-conference on January 9th, 2003 at 2pm Pacific,

61 3pm Mountain, 4pm Central, 5pm Eastern, 11pm GMT, Friday 7am Tokyo.

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63 **(vi) Meeting Schedule for the First Year:**

64 The XRI TC will meet via bi-weekly conference call, on a schedule determined by the

65 TC members. The phone call sponsors will be determined at the initial meeting.

66

67 Face-to-face meetings will be held as required.

68

69 **(vii) Names, Affiliation, and Electronic Mail Addresses of Members who**  
70 **Support the Formation of this TC and are Committed to the Meeting**  
71 **Schedule and Purpose:**

72 Geoffrey Strongin, AMD, [geoffrey.strongin@amd.com](mailto:geoffrey.strongin@amd.com)

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93 Bill Washburn, XNSORG, [bill.washburn@xns.org](mailto:bill.washburn@xns.org)  
94

95 ***(viii) Names of TC Co-Chairs:***

96 Drummond Reed, OneName and Gabe Wachob, Visa International  
97

98 ***(ix) Meeting Sponsors:***

99 XNSORG