

PAR FORM

PAR Status: New PAR (Unapproved PAR)
PAR Approval Date: 0000-00-00
PAR Signature Page on File: Yes
Review of Standards Development Process: Yes

1. Assigned Project Number: 1484.4

2. Sponsor Date of Request: 2003-01-31

3. Type of Document: Recommended Practice for

4. Title of Document:

Draft: Recommended Practice for Digital Rights Expression Languages (DRELs) Suitable for eLearning Technologies

5. Life Cycle: Trial Use

6. Type of Project:

6a. Is this an update to an existing PAR? No

6b. The Project is a: New Standard

7. Contact Information of Working Group:

Name of Working Group: Digital Rights Expression Language

Name of Working Group Chair: Magda Mourad

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8. Contact Information of Official Reporter (If different than Working Group Chair)

Name of Official Reporter: (if different than WG contact)

Telephone: **FAX:**

Email:

9. Contact Information of Sponsoring Society or Standards Coordinating Committee:

Name of Sponsoring Society and Committee: Computer Society Learning Technology Standards Committee

Name of Sponsoring Committee Chair: Robby Robson

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Name of Liaison Rep. (If different than Sponsor Chair):

Telephone: **FAX:**

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10. The Type of ballot is: Individual Sponsor Ballot

Expected Date of Submission for Initial Sponsor Ballot: 2004-08-01

11. Fill in Projected Completion Date for Submittal to RevCom: 2004-12-01

Explanation for Revised PAR that Completion date is being extended past the original four-year life of the PAR:

12. Scope of Proposed Project:

This project should produce a recommended practice identifying Digital Rights (DR) requirements for eLearning technologies. These requirements should be aligned with the most widely known standards-based specifications for DREL that are being adopted or developed by international, regional, national and private organizations and consortia.

13. Purpose of Proposed Project:

The purpose of this project is to facilitate the creation, management and delivery of digital content for eLearning by technology that implements digital rights expression languages. The recommended practice should determine what, if any, extensions are needed so that these DREL can meet the identified requirements.

14. Intellectual Property:

Sponsor has reviewed the IEEE patent policy with the working group? Yes

Sponsor is aware of copyrights relevant to this project? Yes

Sponsor is aware of trademarks relevant to this project? Yes

Sponsor is aware of possible registration of objects or numbers due to this project? Yes

15. Are there other documents or projects with a similar scope? Yes

1. In MPEG under the sub group MPEG-21. MPEG is a working group formally ISO/IEC JTC1 SC29 WG11 and is part of the International Organization for Standardization. MPEG-21 is standardizing a number of technologies that will facilitate the interoperability of DRM systems as well as applications built to produce, distribute and present digital content. In particular, MPEG-21 is developing a Digital Rights Expression Language (MPEG REL). The MPEG REL is in process and on schedule to become an International Standard in 2003. A liaison has been established between the LTSC and ISO/IEC JTC1 SC29. (2). Open eBook Forum. The mission of the Rights and Rules WG is to create an open and commercially viable standard for interoperability of digital rights management (DRM) systems, providing trusted transmission of electronic publications (ePublications) among rights holders, intermediaries, and users. RRWG has selected the XrML based MPEG REL as a foundation Digital Rights Expression Language for developing detailed material in its Rights Grammar specification. The group will soon begin intensive work on a draft of the specification, which will be submitted for approval by the organization as a whole. (3). CEN/ISSS formed an open Focus Group, with the objective to prepare a report on the state of the art in standardization of digital rights from different perspectives, and this Group, which has over 100 companies and organizations represented, is now finalizing the first draft of its report. (4). Open Mobile Alliance [OMA] DRM mission is to enable the controlled consumption of digital media objects by allowing content providers to express usage rights. OMA DRM used ODRL to define digital rights specs for applications that operate over wireless communication networks.

Similar Scope Project Information:

Sponsor Organization: ISO/IEC JTC1 29 11 , Project No: MPEG-21 , Project Date: 01-Dec-2003, Project Title: Digital Rights Expression Language (MPEG REL)

16. Is there potential for this document (in part or in whole) to be submitted to an international organization for review/adoption? Yes

If yes, please answer the following questions:

Which International Organization/Committee? IEC TCJTC1 SCSC39 WG11

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17. If the project will result in any health, safety, or environmental guidance that affects or applies to human health or safety, please explain, in five sentences or less. No**18. Additional Explanatory Notes: (Item Number and Explanation)**

The IEEE LTSC DREL Study Group has accomplished the following: Established liaison with MPEG (SC29) and CEN/ISSS. - Reviewed DREL's known to us mainly MPEG REL (ISO/IEC JTC1 SC29 WG11), ODRL (ODRL initiative). - Produced Draft White Paper in October (co-authored by N. Friesen, M. Mourad, and R. Robson). - Input sought from some domain experts. Received and incorporated contributions from 14 experts. - Reviewed the WP in the IEEE LTSC quarterly meeting that was held in Copenhagen in December 2002. - The DREL session in the Copenhagen meeting was

colocated with the CEN/ISSS and was attended by 46 participants. This demonstrates the significant importance of this work. - Released the WP in December 2002 for SG review before submission to LTSC.
http://ltsc.ieee.org/meeting/200212/doc/DREL_White_paper.doc. - The current DREL white paper was circulated for further comments via the LTSC reflector through January 15 2003, followed by a two-week letter ballot for approval by the study group; and recommend to the SEC that a preliminary version of the white paper be permitted to be released for liaison purposes.- The SG had issued a call soliciting committee members to work on the PAR for the formation of the new DREL WG. About 22 persons volunteered to serve on this PAR drafting committee and subsequently the WG.