PREMIS Update

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Overview

- Revisions since last iPres in Sept 2010
- Version 3
- Revision process/review cycle
- PREMIS controlled vocabularies at id.loc.gov

Revisions since last PREMIS Implementation Fair

- Version 2.1 (Jan. 2011)
  - Corrections
  - Added semantic units to Agent (agentNote, agentExtension, linking units)
  - Added elements in schema to extensions like in METS
  - Extension elements repeatable
- Version 2.2 (July 2012)
  - Changes to rights entity
  - Miscellaneous schema changes

Upcoming changes

- Data model changes
  - Intellectual entities as another level of object
  - Environment as another entity in data model
- Other possible changes
  - Semantic unit groupings
    - To allow for large numbers of files that all carry the same metadata
    - Schema change only
  - Preservation level type

New PREMIS controlled vocabularies in id.loc.gov

- actionsGranted (Rights)
- agentType
- contentLocationType
- copyrightStatus
- environmentCharacteristic
- environmentPurpose
- formatRegistryRole
- hardwareType
- inhibitorTarget
- inhibitorType
- linkingObjectRole
- objectCategory

New PREMIS controlled vocabularies in id.loc.gov

- preservationEventRole
- preservationRightsRole
- relationshipType
- relationshipSubType
- rightsBasis
- signatureEncoding
- signatureMethod
- softwareType
- storageMedium

New features of PREMIS controlled vocabs

- Encoded in MADSRDF and SKOS output available
- Links to terms in other vocabularies where appropriate
  - E.g. relationship subtype relates to dc:relation refinements
- Links with PREMIS OWL ontology
- Vocabularies that have been there have been updated (preservationLevelRole, preservationEvents, cryptographicHashAlgorithm)

PREMIS revision process

- Request to limit new versions of PREMIS
- Major vs. minor changes
  - Major not more frequently than every 2 years
  - Minor are backwards compatible
- EC will issue trial versions for community to test
  - Major will have 3 month community review
  - Minor will have 1 month community review
- Need for some flexibility
- Comments?

To come…

- Version 3.0 early next year
- Experiments with PREMIS OWL ontology and linking to id.loc.gov
- Examples on website (please contribute!)
- Possibility of ISO standardization