Resource Usage Service

OGF20 Working Group Session

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Agenda

- Core RUS Specification Comments (60")
  - IDL/WS-I Rending/WSRF Rendering status
  - Batch processing
  - Audit Information and <RecordHistory>
  - Handling of Mandatory Elements
- Requirements for Advanced RUS (20")
- Project Presentations (10")

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Core RUS Specification

- Batch Processing
  - insert: input is a list of URs
  - modify: currently only replace
  - delete: XPath or id-list to select records
  - query: Result is returned as one big message.

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Batch Query

- Use WS-Enumeration to get results in small pieces?
  - Need also WS-Addressing!
  - What is bad about that standard?
- Add a parameter to query for max request size.
- OR add a enumerate method that returns the result as enumeration.

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Audit Information

- Currently recorded for:
  - Insertion
  - Modification (replace, increment, modify)
  - Candidate: deletion
- What is recorded:
  - Message, Signature, Timestamp, Operation, Requestor
  - Also record undo information, certificates, concurrency protection.

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How to get audit Information

- Returned as RecordHistory in RUSUsageRecord upon query

- Always returned, even if not wanted.

- Can only be returned as long as UR exists in RUS.

- Proposal: add a extractRecordHistory method.

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Mandatory Elements

- Currently UR elements can be declared mandatory.

  - Can only declare elements from UR spec.
  - Cannot put restrictions on content.

- Proposal: Allow for other elements to be listed.

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Advanced RUS

- Requirements gathering:
  - Add ideas here!

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