PREMIS Editorial Committee Conference Call Notes

15 Mar 2007

In attendance: Rebecca Guenther, Brian Lavoie, Steve Bordwell, Olaf Brandt, Priscilla Caplan, Gerard Clifton (notes).

Apologies: Zhiwu Xie, Rory McLeod, Yaniv Levi, Bill Leonard.

1. PREMIS Tutorials

1a. Report on tutorial in Stockholm, Sweden – March

Rebecca Guenther summarized evaluations from the recent tutorial presented in Sweden by Olaf Brandt, Steve Bordwell and herself, which attracted around 47 attendees from archives, libraries, data centres and other institutions. Evaluations were generally positive (fair to good) regarding the level of detail, etc., with only one 'poor' rating. Attendees also offered comments and suggestions for improvement.

ACTION: Rebecca Guenther to write up a summary of the evaluations from the Stockholm tutorial and post on the EC Wiki.

1b. Upcoming tutorials

There was also brief discussion of upcoming tutorials – Albuquerque (1 day, April), IS&T (4 hrs, May) and the tutorial in conjunction with the ALA meeting (June). The implementer's panel for the ALA tutorial will need some thought. Further tutorials may include:

- Rebecca – a tutorial for Library of Congress and National Library of Medicine staff.
- Rory – potential for a PREMIS tutorial in London
- Olaf (& Steve) – a tutorial in Germany.

ACTION: Steve and Olaf's slides from the Stockholm tutorial (and Rebecca's slides on PREMIS in METS) should go on to the EC Wiki for others to use.

1c. Other outcomes – National Archives of Sweden

Rebecca noted her contact with the National Archives of Sweden and their issues with preservation of databases, including a requirement to try to preserve a view of a database for an individual (e.g. as the result of a query). Brief discussion raised some options:

- DCC hold events on preservation of scientific databases – material may be available
- Olaf can provide a contact for the Federal Archives of Germany.

As the National Archives are describing databases at representation level, there is a need to be able to apply 'ObjectCharacteristics' at this level. Further discussion of object types is needed.

ACTION: [Gerard Clifton?] Add application of ObjectCharacteristics at representation level to the list.

2. Progress on the Change List

Changes 1- 4

Priscilla summarized the solutions she has proposed, which were discussed.

- **Change no 1: addition of an eventType value – 'digitization'.** [Refer to EC list: http://listserv.loc.gov/cgi-bin/wa?A2=ind0703&L=premis-ec&T=0&P=375]. The term 'creation' is preferred, as the act of digitizing is a creation event for the digital object. PREMIS does not cover the non-digital source object. 'Digitized' may be an allowable narrower term, as it refers to the digital object. ('Replication' applies to creating a bitwise identical copy of a digital object.)

  ACTION: Priscilla Caplan to add an eventType of 'creation' and add more information under eventType, writing this up within an extract of the Data Dictionary. The proposal to be added to the PIG wiki and a message sent to the PIG list.

  [**Query:** Was this for discussion by PIG, or was this considered finalized, to be posted on the 'Recommended Changes' pages?]

- **Change no 2: clarification of 'checksum' vs. 'message digest'.** [Refer to EC wiki: http://pec.lib.uchicago.edu:8888/pec/17]. Revised text was provided, differentiating the terms (which are often interchanged). A further minor amendment made it clear that a hash function is intended for use in 'messageDigest' semantic units.

- **Change no 3: Repeatability of identifiers.** [Refer to EC wiki: http://pec.lib.uchicago.edu:8888/pec/18]. Revised text was provided and, following a minor amendment, was agreed.

  ACTION: Priscilla Caplan to send a message to the EC list (for the benefit of members not on this call) seeking approval of Changes 2 & 3, and setting a deadline for response.

  ACTION: EC members should (in general) provide approval or raise comments and issues within the response period: 'speak up now or stay silent on the issue afterwards'.

- **Change no. 4: origin & use of signature elements.** [Refer to EC list: http://listserv.loc.gov/cgi-bin/wa?A2=ind0703&L=premis-ec&T=0&P=460]. Several signature elements are taken from W3C XML Signatures (http://www.w3.org/TR/2002/REC-xmldsig-core-20020212/) but are not populated in the same way. Additional elements are also required in PREMIS to specify encoding etc., as these cannot be assumed. It was agreed that the signature elements should be moved closer to W3C XML signatures. Priscilla will work with Zhiwu, as this is also related to keyInformation elements. This requires more discussion and is not yet ready for exposure.

ACTION: Priscilla Caplan to work with Zhiwu Xie on moving signature elements closer to W3C XML signatures.

3. Follow-ups from previous call (1 March)

3a. Controlled vocabularies

ACTION: Brian Lavoie to send a message to the PIG list calling for discussion and examples on controlled vocabularies for various semantic units.

3b. Significant Properties

No further progress was reported. A new JISC project on significant properties may provide additional material for consideration.

ACTION: Gerard Clifton to continue work on revision of preservationLevel and significantProperties.

3c. Review Process

The listed procedure (http://pec.lib.uchicago.edu:8888/pec/15) was found useful.

ACTION: Gerard Clifton to add detail on incorporating changes to the Data Dictionary draft to the procedure list.

3d. Sign-up for changes

Some changes are as yet unassigned. Rory requested to be assigned some during his absence. Brian will swap one of his assigned changes with Rory. [Brian may take on DD-to-OAIS mapping (Change 34) – is this correct?].

ACTION: [Brian Lavoie?] to assign / re-assign some changes to Rory McLeod.

ACTION: EC members to aim to each tackle one change before next call (April 5).

4. Discussion of Deborah Woodyard-Robinsons report

(See http://pec.lib.uchicago.edu:8888/pec/uploads/1/PREMIS-report-woodyard-feb07.doc)

The report on current practice in implementing PREMIS appears very pertinent and valuable to the revision process, so its publication should be expedited.

ACTION: Rebecca Guenther to ask Deb Woodyard-Robinson if the report is largely complete.

ACTION: EC members to review the report and suggest changes, if required.

6. Other business – Nil.

Next call: 5 April 2007. Call times to be determined.

ACTION: Gerard Clifton to check call times (due to daylight saving changes) and propose new options.

<u>Summary of Actions from this call:</u>

- **ACTION:** Rebecca Guenther to write up a summary of the evaluations from the Stockholm tutorial and post on the EC Wiki.

- **ACTION:** Steve and Olaf's slides from the Stockholm tutorial (and Rebecca's slides on PREMIS in METS) should go on to the EC Wiki for others to use.

- **ACTION:** [Gerard Clifton?] to add application of ObjectCharacteristics at representation level to the list.

- **ACTION:** Priscilla Caplan to add an eventType of 'creation' and add more information under eventType, writing this up within an extract of the Data Dictionary. The proposal to be added to the PIG wiki and a message sent to the PIG list.
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- **ACTION:** Brian Lavoie to send a message to the PIG list calling for discussion and examples on controlled vocabularies for various semantic units.

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- **Next call 5 April 2007**