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ISO/IEC JTC 1 Study Group on Digital Content Management and Protection

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Draft of SGDCMP Working Program

2009-2010

Dear Sir/Madam,

The ISO/IEC JTC 1 Study Group on Digital Content Management and Protection (SGDCMP) has completed its first year work and the report was presented and accepted by JTC 1 at the October 2009 Tel Aviv meeting. The report can be downloaded from the ISO/IEC JTC 1 website and at this URL:
<http://www.jtc1dcmp.org>.

According to the JTC 1 resolution in Tel Aviv, JTC 1 has approved the SGDCMP for the reconstitution with the new terms of reference (TOR). New TOR includes the following:

- To study the area of long-term digital preservation, understanding this term to include the safeguarding of digital content over an extended period, and the capture, creation, persistent association and management of related metadata, and the impact of digital rights management technologies.
- To utilize in its study at least the Open Archival Information System (OAIS) reference model defined in ISO 14721:2003 Space data and information transfer systems -- Open archival information system -- Reference model.
- To study possible interoperability models for a preservation interoperable framework (PIF) including a Submission Information Package (SIP), and Dissemination Information Package (DIP) as defined in ISO 14721.
- To ensure in its study and recommendations that these interoperability models are completely agnostic to the file formats, packaging methods, metadata schemas and metadata binding mechanisms used in the digital data or content being preserved.
- To study and report on the requirements for digital content identification in long-term digital preservation and their relation to general digital content identification, in particular cooperating through a liaison with ISO / TC46 / SC9 (Identification and Description).
- To study and report on the creation by JTC 1 or others of technical specifications or guidance that would enable real-world interoperability in digital preservation systems.
- To study and report on the creation by JTC 1 or others of technical specifications or guidance on effective and sustainable management models for operations and maintenance.
- To report to JTC 1 at its 2010 Plenary Meeting.

Dr. Luke Gao has been re-appointed as the SGDCMP Convener.

Given the SGDCMP's new focus mission on "long-term digital preservation", the SGDCMP would like to call for experts to participate in this standardization effort, especially those experts that are involved in:

- Organizations (government, public/private institutes, etc.) handling the preservation operations, strategies, and requirements;
- Technology developments (academia, commercial companies, R&D labs, etc.) providing preservation best practices and solutions;
- Standards bodies (ISO/IEC, consortiums, industry associations, government initiatives, etc.) establishing preservation best practices in the areas of metadata (content description), file format (content container), packaging (content deliverer), management (inside/outside file format), protection (inside/outside file format or packaging), etc

The goal of the SGDCMP is to create a standard digital preservation interoperability framework by establishing a long-term digital preservation roadmap for identifying requirements, technologies, and best practices in order to preserve and access digital information between interoperable digital preservation repositories and their contents.

The SGDCMP Secretariat would like to propose one international symposium on digital preservation and two SGDCMP meetings for 2009 – 2010. The proposed programs are:

SGDCMP symposium: 5 days event, ~April 2010, Europe

Proposed program includes:

A possible theme (still subject to change) is "*Digital Preservation Interoperability Framework Symposium: Connecting Digital Preservation Repositories Roadmap*".

Program may invite and call for experts in at least:

- 44 organization presentations (22 countries, each country will present one scientific data on organization needs and one non-scientific data needs such as national records, culture heritages, etc.),
- ~20 technology presentations
- ~10 standards presentations
- Two poster sessions (~80 minutes each)

A more detailed symposium program shall be forwarded soon.

The program chair for the SGDCMP symposium is Mr. Wo Chang of the US National Institute of Standards and Technology (NIST). All parties or experts interested in the

symposium can contact him at wchang@nist.gov or the SGDCMP secretary Mr. Linpeng Gao gaolp@cesi.ac.cn or gao.linpeng@gmail.com for details.

SGDCMP Meeting #1: 5 days event, ~June 2010, TBD

Proposed program includes:

- Collect, analyze, and identify digital preservation requirements from the SGDCMP symposium contributions,
- Review, assess, and adopt digital preservation technology solutions from the SGDCMP symposium contributions, and
- Review, assess, and integrate digital preservation best standard practices from the SGDCMP symposium contributions.
- Create draft standard digital preservation roadmap to establish the digital preservation interoperability framework,
- Distribute draft standard digital preservation roadmap to national bodies for review and comments.

SGDCMP Meeting #2: 5 days event, ~August 2010, Asia

Proposed program includes:

- Review and discuss national bodies comments on standard digital preservation roadmap,
- Revise standard digital preservation roadmap accordingly,
- Identify specific digital preservation functionalities for the standard digital preservation interoperability framework,
- If applicable, identify new terms of reference and request JTC 1 to establish a permanent SC on Digital Content Management and Protection (DCMP).

Note: additional teleconferences may be needed between or after study group major activities.

If you have any comments on the proposed SGDCMP 2010 draft action plan, please let the secretary know by 15th of January 2010. If you are interested in hosting the either of the SGDCMP meeting, please let the secretary know by 15th of March 2010.

We appreciate your active participation in advance and look forward to seeing you at the SGDCMP events.

Thank you very much.

Best regards

Yours Linpeng Gao

SGDCMP secretariat