Cloud Imaging Working Group Plenary Meeting

Aug 6, 2012

Redmond WA- Microsoft

Officers

❖ Chair: Ron Nevo (Samsung)

❖ Vice Chair: Bill Wagner (TIC)

❖ Secretary: Michael Sweet (Apple)

❖ Document Editors:
  ➢ Ira McDonald (High North):Job Ticket Mapping (JDF), Cloud Imaging Model and Requirements
  ➢ Larry Upthegrove : Cloud Printing Requirements and Model
  ➢ Peter Zehler (Xerox): PWG Job Ticket and Printer Capabilities, Job Ticket Mapping(MSPS), Cloud Printing Requirements and Model
  ➢ Ron Nevo (Samsung): Job Ticket and Printer Characteristics Mapping, Cloud Printing Requirements and Model
  ➢ Michael Sweet (Apple): JobTicket Mapping (PPD), Cloud Imaging Model and Requirements,
  ➢ Justin Hutchins (Microsoft): Job Ticket Mapping (MSPS)

Status Items

❖ **State of Print Job Ticket Specification:**

  ➢ Voting to advance to Candidate Standard ended 30 July

  ➢ Sufficient Votes received to meet quorum; no NO votes recorded

  ➢ Some editorial changes requested

❖ **State of Mapping Specification**

  ➢ Title made more general, intended specification type changed from "Best Practice" to "Candidate Standard", and two-phase effort defined

  ➢ Last post (ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudmap10-20120604.pdf) reflects comments made on review of May version, but does not include any substantive changes.

  ➢ Effort to resume:

    • Ira to work with Justin on MSPS mapping (ONGOING - work started)

    • Mike to update PPD Mapping (ONGOING - pending table updates)

❖ **State of Model Specification**

  ➢ Primary current work effort

  ➢ Current Draft: ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudmodel10-20120723.pdf

Other Items

❖ Updated Charter draft:
  ➢ posted at ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloud-charter-20120428.pdf
  ➢ Review and request that it be approved by SC

❖ Google I/O 2012 - Beyond Paper: Google Cloud Print and the Future of Printing
  ➢ http://www.youtube.com/watch?v=0G9OaTzdOa0
  ➢ Relation to PWG Model?

Cloud Printing Requirements and Model – Scope Consideration

- ➢ Affirmation of the functional elements in the original model

- ➢ Recognition that:

  - Cloud Print Provider is an environment rather than a functional element;

  - Cloud Print Provider includes "Printer Registration", "Client Association", and "Printer Enumeration" aspects that may be part of a larger Cloud environment with specific interfaces determined by others

  - Client ⇔ Cloud Print Service interface should conform to the Client ⇔ Print Service interface already defined in the Semantic Model (with some additional identification, authentication, authorization considerations)

  - Primary "new" and Printing specific interface is that between the "Print Cloud Service ⇔ Cloud Print Manager".

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Cloud Printing Requirements and Model – Scope Consideration

➢ Therefore, the intent is that the specification will:

- Identify the Rationale for and Requirements of a Cloud Printing capability with respect to addressing identified Use Cases.

- Outline the operation of the Cloud Printing Facility

- Define the "Print Cloud Service ⇔ Cloud Print Manager" interface.

- Describe the Client ⇔ Cloud Print Service interface, referring to existing PWG standards for details.

- Functionally describe the relationship between the Cloud Print Provider and the Client and the Cloud Print Manager with respect to "Printer Registration", " Client Association", and "Printer Enumeration" aspects.

Next Steps

- ❖ Cloud Imaging Model and Requirements Specifications
  - ➢ Continue with Cloud Printing Model and Requirements
    - • Additional Contributors ?
  - ➢ Cloud Multifunction Model and Requirements
- ❖ Support of Current Cloud Printing Approaches
  - ➢ CLOUDMAP V1- Mapping of PWG Semantic Model elements into PPD, MSPS and JDF formats
  - ➢ CLOUDMAP V2- Mapping of PWG Semantic Model elements into IPDS, MODCA and CIM formats
- ❖ Specific Action Items!

Cloud Imaging WG Participation

- ❖ We welcome participation from all interested parties
- ❖ Cloud Imaging Working Group Web page
  - ➢ http://www.pwg.org/cloud/index.html
- ❖ Cloud Imaging Working Group Wiki
  - ➢ http://pwg-wiki.wikispaces.com/Cloud+Imaging
- ❖ Subscribe to the Cloud mailing list
  - ➢ https://www.pwg.org/mailman/listinfo/cloud
  - ➢ cloud@pwg.org
- ❖ Cloud Imaging WG holds bi-weekly phone conferences announced on the Cloud mailing list
  - ➢ Next conference call is August 27, 2012 at 3 pm (ET)
  - ➢ Conferences on opposite weeks of IPP WG calls