



Cloud Imaging WG Plenary Report

June 5, 2012

Webster NY- Xerox

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)

Overview



- ❖ To allow support of convenient and full featured imaging Services in conjunction with Cloud Computing and other Cloud-based facilities, the PWG held a series of BOF meetings focused on modeling and understanding the use cases, requirements, and existing implementations.
- ❖ This culminated with the creation of the Cloud Imaging Working Group in February 2011.
- ❖ Under the charter, the WG is to address Cloud Printing in Phase 1, extending to Cloud Imaging in Phase 2
- ❖ The Phase 1 effort was to produce three documents:
 - Cloud Imaging Model and Requirements
 - Cloud Print Internet Printing Protocol Binding
 - Cloud Print SOAP Binding

Overview (cont)



- ❖ This is a major effort, taking longer than envisioned. The Cloud Imaging was therefore modified to focus on how Cloud Printing implementations might better reflect PWG compatible semantics in the Printer Capabilities information and Job Ticket aspects.
 - The Cloud Imaging WG took on the effort of mapping other Job Ticket and Printer Capabilities methods, including those used for Cloud Printing Services such as Google Cloud Print, to the PWG Job Ticket and Printer Characterization elements derived from the PWG Semantic Model..
 - The Binding efforts have been transferred to the IPP(for IPP) and Semantic Model WG (for SOAP)
- ❖ The updated charter has been approved and is at:
 - <ftp://ftp.pwg.org/pub/pwg/cloud/charter/ch-cloud-charter-20120428.pdf>.

Intended and Potential Publications



❖ Documents Identified in Charter:

➤ A PWG Candidate Standard that includes:

- mapping of PWG Print Job Ticket and PWG Print Service [PJT] to and from elements in the Microsoft Print Schema Specification [MSPS], Adobe Postscript Printer Description [PPD], and CIP4 Job Definition Format [JDF]; and
- A second version dealing with other crossmapping the PWG Semantic Model elements to other established print ticket and printer capabilities elements

➤ Cloud Imaging Requirements and Model

❖ Cloud Imaging has also coordinated the PWG Job Ticket and Printer Characteristics specification with the SM Workgroup

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 June 25, 2012 at 3 pm (ET)
 - Conferences on opposite weeks of IPP WG calls