

Cloud Face-to-Face Minutes

December 7, 2011

Meeting was called to order at approximately 9:00am local, December 7, 2011.

Attendees

Jacob Brown (Dell)
Nancy Chen (Oki Data - call in)
justin Hutchings (Microsoft - call in)
Derek Garner (Dell)
Tim McCann (Konica Minolta)
Ira McDonald (High North/Samsung - call in)
Joe Murdock (Sharp)
Glen Petrie (Epson - call in)
Jessie Sanchez (Intel)
Ole Skov (MPI Tech)
Michael Sweet (Apple)
Jerry Thrasher (Lexmark)
Bill Wagner (TIC)
Jay Wang (Toshiba - call in)
Rick Yardumian (Canon)
Pete Zehler (Xerox - call in)

Agenda Items

1. IP Policy and Minute Taker
 - a. Policy accepted with Mike taking the minutes
2. Review of previous minutes:
 - a. <ftp://ftp.pwg.org/pub/pwg/cloud/minutes/cloud-concall-minutes-20111021.pdf>
 - b. Approved as posted
3. Print Job Ticket and Associated Capabilities
 - a. <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-sm20-printjobticket10-20111128-rev.pdf>
 - b. All level 2/3 headings in sections 1-3 and 13 appear to have been changed to regular paragraphs?!?
 - c. Line 271: "In multi-document jobs" (missing hyphen)
 - d. "datatype" vs. "data type" - use "datatype" since that was used in the MFD Overall spec
 - e. Figures 3, 8, 13: enlarge to fill page?
 - f. Line 462: PrintDocumentDescription is supposed to be a heading, where is the text?
 - g. Top-level headings: start on new page
 - h. Q: How does a client get capabilities?
 - A: Using an operation (Get-Printer-Attributes in IPP)
 - Client can cache capabilities and localizations of printer-specific values
 - Standard attributes and values can use a common set of localization files on the client
 - IPP WG (Mike) will supply standard US English strings file for all currently registered attributes and values, informative reference in JPS3
 - i. Q: What about the size of the localization files
 - Entire IPP registry (XML) is about 760k, strings file will be (much) smaller
 - j. Q: What about authentication information (OAuth2, etc.)?
 - Not part of job ticket, passed as part of the transport (e.g. IPP/HTTP authentication) for the operations
 - Only thing in the job ticket is the "most authenticated" name and/or URI
 - k. Section 8: CONDITIONALLY REQUIRED is repeated, bad reference to section 10
 - l. Section 9: Duplicate conformance requirements with section 8
 - Make section 8 "Conformance Requirements"
 - Sub-sections for PrintJobTicket, PrintDocumentTicket, and PrinterDescription
 - Drop current section 9
 - Clarify client/server conformance requirements - put it in the beginning of each sub-section
 - Printers must support all required and applicable conditionally required elements
 - Clients have no conformance requirements aside from using the schema

- Q: Do you have to supply a job ticket?
 - A: No, defaults apply
 - Make text starting on line 480 more visible/move to front
 - Q: What about natural language in the job ticket?
 - A: IPP and WS pass natural language as a required element in the operation
 - Add an implementation note (Ira to draft) for how natural language is carried along with the job/job ticket/document ticket
 - Also note that all strings can have arbitrary languages other than the natural language value in the job ticket
 - m. Section 13: Remove template text
 - n. Q: What about JPS3 references
 - A: We can do the PWG Last Call and then hold the vote to happen concurrently with JPS3
 - o. Q: Is this document sufficient?
 - A: For a standalone implementation, yes. For an alternate implementation we want the mapping document as well.
 - Get this document in PWG last call ASAP, then get mapping document finished up.
 - p. Schedule:
 - Xerox provided notice of prototyping
 - WG Last Call to mid January 2012 for both SM and Cloud groups
 - PWG Last Call to span February 2012 F2F
 - PWG Formal vote concurrent with JPS3 in April 2012?
4. Cloud Mapping
- a. <ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudmap10-20111204-rev.pdf>
 - b. ETA for MSPS publication with new license: by the end of the year
 - Contact Justin if your company has questions about the license
 - c. Action: Justin to work with Microsoft Legal on the appropriate citation/reference to MSPS based on the new license for inclusion with the MSPS content in the mapping document, and any process for the PWG to make a formal request
 - d. Q: Is Microsoft Legal comfortable with MSPS info being part of a completely open document?
 - e. Q: How do PWG members review the MSPS content?
 - Need members to get approval to use the click-through content
 - Affects concalls or f2f as well as last calls and formal vote
 - Make sure we don't show MSPS documents in PWG meetings, just the mapping tables
 - f. Q: Can Justin and Ira start work on document before MSPS has been published?
 - Yes, Samsung can work on it
 - g. Q: Can we include any MSPS content in the spec?
 - A: Not until the new document is published and the necessary legal guidance from Microsoft is received
 - h. Action: Ron or Bill to post a call for wider participation of driver developers for the XPS/MSPS stuff
 - i. Line 158: Missing word "as": "never occur AS top level elements ..."
 - j. Table 1:
 - Map PWG Copies to JDF DocumentCopies (JDF SetCopies maps to PWG JobCopies)
 - Remove elements that only exist as part of a complex type, remove note 1 (no longer needed) and use of italics
 - Delete DocCopies/DocumentCopies map?
 - Confirm mapping of copies
 - k. Section 3.12 NumberUp - add PresentationDirectionNumberUp and maybe do a table with the numbers/values that correspond
 - l. Section 3.13 Password - need to map to DocumentPassword (from JPS3)
 - Also fix Table 1
 - Ira: Re-check for any JobPassword corollary in JDF
 - m. At the beginning of section 3, talk about JDF using 0-based ranges while PWG/IPP use 1-based ranges.
 - Action: Mike to make "first-index" in JPS3 1-based instead of 0-based
 - n. Section 3: Fix use of "while the PWG-PJT ..."
 - o. Re-add requirements/rationale section back to document
 - p. Re-add conformance section to describe the recommended minimum implementations of mappings
5. JTAPI stuff from Job Ticket spec
- a. Is there interest in doing a whitepaper?
 - b. Or just post a PDF to the whitepaper directory so we retain it for posterity
 - c. Action: Bill to post the PDF of the JTAPI content as a whitepaper

Next Steps / Open Actions

- Next conference call December 19, 2011 at 1pm Eastern Time
- Last feedback to Semantic Model WG on PWG Job Ticket document
- Start WG last call of Job Ticket document over holiday break
- Have PWG request license for MSPS specification access
- Submit updated charter for SC approval
- Continue Mapping of PWG Semantic Model elements into PPD, MSPS, and JDF formats (Best Practices Document)
 - Ira to work with Justin on MSPS mapping
- Action: Justin to work with Microsoft Legal on the appropriate citation/reference to MSPS based on the new license for inclusion with the MSPS content in the mapping document, and any process for the PWG to make a formal request
- Action: Ron or Bill to post a call for wider participation of driver developers for the XPS/MSPS stuff
- Action: Mike to make "first-index" in JPS3 1-based instead of 0-based
- Action: Bill to post the PDF of the JTAPI content as a whitepaper
- Action: Pete to update Job Ticket spec & post (DONE)
- Action: Mike to prepare new draft of PPD Mapping whitepaper (ONGOING)
- Action: Ira to prepare info on JDF Mapping in mapping document (DONE)
- Action: Ron to update mapping document for December 2011 F2F (ONGOING)
- Action: Bill and Ron to address Steering Committee with respect to process requesting MSPS license (DONE)