Internet Printing Protocol WG Conference Call Minutes  
January 9, 2012

Meeting was called to order at approximately 1:00pm Eastern time January 9, 2012.

Attendees

Danny Brennan  
Nancy Chen (Oki Data)  
Justin Hutchings (Microsoft)  
Ira McDonald (High North/Samsung)  
Ron Nevo (Samsung)  
Glen Petrie (Epson)  
Michael Sweet (Apple)  
Paul Tykodi (TCS)  
Larry Upthegrove (End User)  
Bill Wagner (TIC)  
Rick Yardumian (Canon)  
Pete Zehler (Xerox)

Agenda Items

1. IP Policy and Minute Taker  
   a. Policy accepted with Mike taking the minutes

2. Review of previous face-to-face minutes:  
   b. Approved as posted

3. Status of IANA IPP Registry corrections  
   b. Amanda Baber (IANA) completed these on 20 December 2011

4. Status of other IPP Everywhere specs  
   a. Updates coming out for JPS3 and IPP Everywhere 1.0 before next concall  
   b. Update for LDAP before F2F

5. PWG Print Job Ticket - conditional PWG Raster requirements  
   a. should these be in PJT at all? or just in PWG Raster?  
   b. Pete Zehler needs closure to move PJT into PWG Last Call  
   c. Make all raster-specific elements OPTIONAL  
   d. Make DocumentFormatDetails/Supported OPTIONAL in PJT, REQUIRED in PWG  
      Raster/wherever that reference PJT  
   e. Make DocumentFormatSupported REQUIRED in PJT  
   f. Still have normative references to PWG Raster and JPS3 (holding the vote on PJT  
      until those documents have gone through...)

6. PWG Raster  
   b. Section 1:  
      - Line 179: Drop reference to charter, "The objective of the PWG IPP  
         Everywhere project ..."  
      - Line 184: "This specification" or "This document" instead of "This standard" (do  
         a global search)  
   c. Section 2.1: Add CONDITIONALLY REQUIRED and RECOMMENDED definitions  
   d. Section 3.1:  
      - Line 231: "The PWG IPP Everywhere project NEEDS a standard ..."
e. Section 3.2.4:
- Line 297: "USB print class", not printer
- Lines 300-301: "into a raster format with embedded page processing instructions to send to the printer."

f. Section 3.3:
- Line 314: "Definition of legacy interface bindings to be used with the PWG Raster Format."

h. Action: Mike to add "media-size-name" member attribute to "media-col" in JPS3

i. Action: Pete to add "MediaSizeName" to MediaCol in PJT, move MediaSource out of the MediaSize/SizeName/Source choice since source is often used in conjunction with size on non-production printers (i.e. print envelopes from bypass tray)
- MediaSource is only in MediaCol
- Media (top-level element) can have a size or source name registered with IANA or a self-describing name (PWG 5101.1)
- Add reference to RFC 2911 for Media and MediaType
- Make sure IANA registered and 5101.1 names are all in the well-known values list for Media and MediaType

j. Section 4.3.19:
- Lines 414-416: Also reference Quality element in PrintDocumentProcessing
- Add table for SM Keywords

k. Section 4.3.2.7: Add table for Sides, PwgRasterDocumentSheetBack, and Cross/FeedTransform values

l. Section 4.3.2.9:
- Rename "BlackPrimary" to "AlternatePrimary"
- Update text: "The AlternatePrimary field specifies the color to use for bi-level or monochrome page bitmaps as an sRGB color value."
- Change wording of remainder to talk about black (ColorSpace=3) and include calculation

m. Section 4.3.3:
- Change to "Page Processing Instruction Fields"
- Fix any references to job ticket field values to page processing instruction fields

n. Section 4.3.3.1: Drop Collate (here and in the master table)

o. Section 4.3.3.9:
- Line 555: MediaWeight -> MediaWeightMetric

p. Section 5.1:
- Action: Pete to generate XML spy picture for Figure 4 PwgRasterDocument elements
- Add Units to Resolution in Table 9

q. Stopped at section 5.1.2.

Next Steps / Open Actions

- Next IPP conference call January 23, 2012 at 1:00pm (ET)
- Finish PWG Raster at next Cloud Imaging conference call January 17, 2012 at 2:00pm (ET)
- Ira to post updated LDAP Schema RFC before February 2012 F2F
- Mike to post updated JPS3 and IPP Everywhere 1.0 specs before next concall
• Action: Mike to add "media-size-name" member attribute to "media-col" in JPS3
• Action: Pete to add "MediaSizeName" to MediaCol in PJT, move MediaSource out of the MediaSize/SizeName/Source choice since source is often used in conjunction with size on non-production printers (i.e. print envelopes from bypass tray)
• Action: Pete to generate XML spy picture for Figure 4 PwgRasterDocument elements
• Action: Mike to adopt CONDITIONALLY REQUIRED in JPS3, PWG Raster, and IPP Everywhere 1.0 (ONGOING)
• Action: Mike to add job-error-action Job Template attribute to JPS3 (ONGOING)
• Action: Mike to fix operations table in IPP registry (ONGOING)
• Action: Mike to add Validate-Document operation to JPS3 based on Validate-Job (no document content but optional URI) (ONGOING)
• Action: Mike to make HTTP If-Modified-Since header support REQUIRED in IPP Everywhere (ONGOING)
• Action: Mike to update ABNF references to [STD68] in all drafts (ONGOING)
• Action: Ira and Mike to review 5100.x specs to remove action items, fix boilerplate copyright text in early specs, fix header/footer/document titles as needed, and fix normative references to drafts, etc. (ONGOING)
• Action: Mike to send Ira the new XML and a diff (ONGOING - this week)
• Action: Mike to add printer-charge-info to table in IPP Everywhere 1.0, add conformance requirements for LDAP, note LDAP/SLP limitations on string lengths (127 or 255 octets) (ONGOING)
• Action: Mike to add note for DNS-SD TXT record limits (ONGOING)
• Action: Mike to add printer-device-id discussion to require required key/value pairs first to avoid issues with truncation by directory services (ONGOING)
• Action: Ira to check matching rule OIDs on lines 1766-1772 of the LDAP schema RFC (ONGOING)
• Action: Ira to send number-up-supported fix to IANA (DONE)
• Action: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes (ONGOING)
• Action: Ira and Glen to send additions from JDF and JTAPI to Mike (ONGOING - Glen sent a bunch, Ira will send as part of mapping work)
• Action: Mike and Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - both to send summary to ipp list and details to SC list)