

Internet Printing Protocol WG Minutes

October 7, 2013

Meeting was called to order at approximately 3:00pm ET October 7, 2013.

Attendees

Smith Kennedy (HP)
Daniel Manchala (Xerox)
Tim McCann (Konica Minolta)
Ira McDonald (High North)
Mike Sweet (Apple)
Paul Tykodi (TCS)
William Wagner (TIC)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - a. Policy accepted with Mike taking the minutes
2. Review previous minutes
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20130923.pdf>
 - b. Finishings:
 - Paul reviewed existing finishings
 - c. Approved as posted.
3. Status of various IPP documents (Ira/Mike/Smith)
 - a. IPP over HTTPS Transport Binding and 'ipps' URI Scheme (Ira)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ipps-uri-scheme-08-20130919.pdf>
 - Sent to IETF Application Area Directors 19 September
 - b. LDAP Printer Schema
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-05-20130919.pdf>
 - Sent to IETF Application Area Directors 19 September
 - c. IPP WG Charter (Ira)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20130919-rev.pdf>
 - Waiting for PWG SC review and approval
 - d. IPP Fax Out (Mike)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfaxout10-20130920.pdf>
 - Updated based on first PWG Last Call
 - Currently in WG Last Call
 - e. IPP Self-Certification (Mike)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20130731-rev.pdf>
 - Waiting for new draft from Mike

- f. IPP Shared Infrastructure Extensions (Mike)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20130923-rev.pdf>
 - Prototype draft posted
- g. IPP System Control Service 1.0 (Mike/Ira)
 - Ira will post outline/table-of-contents for future draft
 - Probably need to make system a first-class object (with a group tag)
 - What to call target URI attribute for system control service?
 - Mike to put together skeleton document based on outline
- i. IPP Transaction-based Printing Extensions (Mike)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans10-20130922-rev.pdf>
 - Mike to post PWG Formal Vote of IPP Transaction-Based Printing Extensions
- 4. Review of IPP Finishings v2.0 (Mike)
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings20-20130814.pdf>
 - b. Resumed at section 5.1
 - c. Global: replace “client” with “Client”
 - d. Section 5.1:
 - Line 378: “as if IT were a portrait document.”
 - e. Global: replace “anti-clockwise” with “counter-clockwise”
 - f. Section 5.1.3:
 - Break up into 5100.1-2001 Values and New Values
 - g. Action: Ira/Paul/SM workgroup to review values of finishings-col member attributes to make sure we have parity with common JDF values
 - h. Section 5.2.2.2:
 - Add references to 3806 or registry as appropriate (as source of binding type)
 - ‘flat’: sheets are EDGE bound so that they can lay flat when the document is opened.
 - Add plastic multi-ring binding from 3806 registry
 - Action: Ira and Mike to make sure finishing MIB and Finishings 2.0 are in sync
 - i. Reference RFC 3806 for each of the 5.2.x member attributes.
 - j. Section 5.2.3.2:
 - Varnish?
 - What about lamination?
 - k. Section 5.2.4.1:
 - Don’t bother with keywords for covering-name values
 - Add examples showing coverings - both wrapped over and bound with the print-stream pages
 - These covers don’t pass through the marker paper path
 - l. Section 5.2.5:
 - Order of folds is significant, printer must preserve the order intent (although the implementation might reorder as long as there are no side-effects)
 - m. Section 5.2.5.1:
 - Reference front side of sheets

- Add “beautiful graphic” showing examples
 - n. Add IANA registration for ‘flat’ binding type any any other new finishing MIB stuff
 - o. Section 5.2.6:
 - Finishing MIB has “punch pattern”?
 - A whole bunch of count/position presets with media mapping
 - Add “punching-patterns (type2 keyword)” as alternative way to specify locations and reference edge?
 - p. Section 5.2.7:
 - More stuff in Finishing MIB (type, direction, angle)
 - q. Section 5.2.8.1:
 - trimming-locations (plural)
 - No trimmer-specific attributes in Finishing MIB (yay!)
 - r. Add something for lamination to 5.2.x
 - s. Section 6: Move it all to a table in section 5.2 to list -supported values for all member attributes
 - t. Section 7: Expand
 - u. Section 11.1: Add normative references to IANA registries for Printer MIB and Finisher MIB, plus JPS3
5. Review of IPP Implementor’s Guide v2.0 (Smith)
- a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20131002-rev.pdf>
 - b. Abstract: “This document updates and extends the IPP/1.1 Implementor’s Guide (RFC 3196) for all IPP protocol versions.”
 - c. Page 11:
 - Make reference to IPP System Control Service just a highlighted editor’s note
 - Can revise for SCS later
 - d. Section 4.2:
 - Cache user credentials for subsequent Get-Printer-Attributes and job creation requests so that the user has an accurate list of supported job template attribute values
 - Lots of discussion about authentication
 - Get-Printer-Attributes is not required to support filtering based on requesting-user-name
 - Could document some workarounds (‘requesting-user-name’ in “get-attributes-supported” Printer attribute)
 - But would be better off defining a new Get-User-Supported-Values operation that does not have the legacy baggage/behavior of Get-Printer-Attributes and could make use of authentication, etc.
 - e. Action: Mike to send Ira a copy of the prtInputType registration that was done in the Printer MIB
 - f. Mention HTTP Strict Transport Security (ESTS) - RFC 6797
 - g. Stopped at section 4.3

Next Steps / Open Actions

- Next IPP conference calls are October 14, 2013 (Joint with Cloud) and November 4, 2013 at 3pm ET
- Continue reviewing updated IIG2
- Action: Ira/Paul/SM workgroup to review values of finishings-col member attributes to make sure we have parity with common JDF values
- Action: Ira and Mike to make sure finishing MIB and Finishings 2.0 are in sync
- Action: Mike to send Ira a copy of the prtInputType registration that was done in the Printer MIB
- Action: Mike to announce WG Last Call of IPP FaxOut (DONE)
- Action: Mike to post PWG Formal Vote of IPP Transaction-Based Printing Extensions
- Action: Ira/Joe to issue errata on IDS Attributes for multi-valued FirmwarePatches (ONGOING)
- Action: Mike to add spec best-practices to WD template (PENDING)
- Action: Paul to post summary of finishing-template investigation to IPP WG list (DONE - discussed in concall)
- Action: Mike to add finishing-template-supported (1setOf name(MAX)) Printer attribute to IANA registry (PENDING)
- Action: Ira to capture job terminating state wording from IPP FaxOut for SM FaxIn (DONE - part of SM 3.0)
- 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: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes and improve the plain text formatting (ONGOING - moving read-only attributes to new groups in IANA registry)
- Action: Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - Paul to send out list before October 2013 F2F)