

Internet Printing Protocol Workgroup Meeting Minutes

December 19, 2019

Meeting was called to order at approximately 3pm ET.

Attendees

Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Michael Sweet (Apple)
Bill Wagner (TIC)
Uli Wehner (Ricoh)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - http://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf
 - IP policy accepted, Mike taking minutes
2. Review previous minutes
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20191205.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2019/020331.html>
 - Typo in IANA registration for print-content-optimize
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20191007.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20191104.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20191202.htm>
 - See PWG Steering Committee minutes from 10/07/19, 11/04/19, 12/02/19
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/candidates/cs-ippsystem10-20191122-5100.22.pdf>
 - PWG Candidate Standard 5100.22-2019
6. Quick Review of IPP Driverless Printing Extensions v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippnodriver20-20191121-rev.pdf>
 - Interim draft - for a Candidate Standard
 - Renamed to Driverless Printing Extensions (NODRIVER)
 - IPP WG review on 5 December 2019 - stopped at "media-overprint-supported"
 - Schedule - Prototype draft in Q1 2020

- Resume at section 6.8.10
- Section 6.8.10:
 - Line 1284: Extra "-" at the end of "media-overprint", MUST capitalized
 - Remove OPTIONAL, "Printers MUST support this attribute if the "media-overprint" attribute is supported.
- Section 6.8.11:
 - MUST capitalized
 - Remove OPTIONAL, "Printers MUST support this attribute if the "media-overprint-type" attribute is supported.
- Global: Check for lowercase "must" (replace with MUST)
- Section 6.8.12:
 - Remove comment
 - CONDITIONALLY REQUIRED
 - Jobs (capitalized)
 - Break up first sentence after "time out.", then "Printers that support the Create-Job operation MUST support this attribute."
- Section 6.8.13:
 - "return the "preferred-attributes" OPERATION attribute" (add operation)
- Section 6.8.14:
 - Check cross-reference (section 0 in the PDF)
- Section 6.8.15:
 - Lines 1308-09: Drop trailing sentence fragment
 - Change print-color-mode-icc-profiles reference to just say that the other attribute provides ICC profiles for previewing vendor color mode values; put the SHOULD in the print-color-mode-icc-profiles section. And maybe just talk about print-color-mode-icc-profiles in the print-color-mode section?
 - Move talk of localizing vendor or site keyword values to printer-strings-uri, highlight in section 1 and 4?
- Section 6.5.16:
 - Line 1249: "print-color-mode" in quotes, "values" instead of "modes", add section reference to print-color-mode, "This ATTRIBUTE is distinct"
 - Lines 1251-1252: Reword last sentence
 - Drop mention of additional Job Template attributes in the collection (not so/applicable)
 - "print-color-mode" and "profile-uri"
 - Reword last sentence: "Each collection in the set MUST have a unique "print-color-mode" value." or something like that
- Section 6.5.16.1:
 - print-color-mode
- Section 6.5.16.2:
 - "Printer Resident or Site Local"
- Section 2.x: Add Site Local definition
- Section 12: Restore the text for section 12

- Section 6.5.17
 - "that control parameters that affect output quality."?
 - Add enum, resolution, drop "type2"
 - Note that collection attributes are excluded for simplicity
 - RFC: Do we exclude print-quality and printer-resolution from this? They are standard attributes that influence output quality. Be nice to have a common "solution" for print quality.
- Section 6.5.17.1
 - Add Value Source column (-supported), -default for default selection
 - integer: rangeOfInteger, 1setOf integer, 1setOf rangeOfInteger, etc.
 - Drop "type3" from enum and keyword
 - Global: Reset document template (Tools->Templates and Add-Ins, Attach wd-template.dotx, check auto-update)
 - Section 6.5.20/6.5.21: Delete (now in TRANS)
 - Stopped at "printer-input-tray"
- 7. Quick review of IPP Transaction-Based Printing Extensions v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans11-20191216-rev.pdf>
 - Initial draft - for a Candidate Standard errata update
 - Schedule - Prototype draft in Q1 2020
 - Global: Enable line numbers
 - Section 4.3:
 - "Jobs submitted to such a Printer can be placed" instead of MAY
 - Third line of second paragraph: "The Job is placed in the 'pending-held' state only if it cannot be processed" (move only before if)
 - Global: "can" instead of "MAY" (4.4 and 4.5 for sure)
 - Next status: Stable
 - Schedule: Start IPP WG last call after next concall, do a call-for-objections spanning the Feb 2020 F2F
- 8. Status of various IPP documents (All)
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20191022-rev.pdf>
 - Interim draft - for a Best Practice
 - PWG F2F review on 21 November 2019 - stopped at section 6
 - Schedule - Prototype draft in Q1 2020
 - IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20191216-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F review on 20 November 2019 - completed
 - Schedule - Stable draft in Q1 2020
 - IPP Enterprise Printing Ext v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20191010-rev.docx>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 20 November 2019 - completed
 - Schedule - Prototype draft in Q1 2020

- IPP Everywhere 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190827-rev.pdf>
 - Stable draft - for a Candidate Standard
 - PWG F2F status on 20 November 2019
 - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
 - Hoping to get beta of Self-Cert v1.0 update 4 out before the end of 2019
 - Schedule - Stable working drafts/beta tools in Q1 2020
 - IPP Everywhere Self-Certification Manual v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20190827-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F status on 20 November 2019
 - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
 - Hoping to get beta of Self-Cert v1.0 update 4 out before the end of 2019
 - Schedule - Stable working drafts/beta tools in Q1 2020
 - IPP Encrypted Jobs and Documents (Mike/Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190418-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F skipped on 21 November 2019
 - Schedule - Prototype draft in Q1 2020
9. Open Printing update (Ira)
- <https://openprinting.github.io>
 - OP website is now live w/ IPP Everywhere logo
 - OP monthly calls (08/06/19), (10/08/19), (11/05/19, 12/10/19)
 - GSoC 2019 ended on 2 September 2019
 - Both IPP test suite projects were successful!
 - GSoC Mentor Summit in Munich, Germany on 17-20 October 2019
 - Till and Aveek attended
 - Google Code In starts 2 December 2019 ends 23 January 2020
 - Linux Foundation application was rejected (w/ no reason given)
 - GSoC 2020
 - OP planning and student search has started

Next Steps / Open Actions

- Next conference call on January 16, 2020 at 3pm ET
 - No call on January 2, 2020 due to holidays
- Action: Mike to add printer-charge-info-xxx attributes to a new draft of TRANS (DONE)
- Action: Mike, Smith, and Ira to provide 3D printing liaison slide updates (PENDING)

- Action: Paul to make a list of 3D printing projects for 2019-2020 (PENDING - attending lots of conferences)