

Internet Printing Protocol Workgroup Meeting Minutes

April 25, 2019

Meeting was called to order at approximately 3pm ET on April 25, 2019.

Attendees

Cihan Colakoglu (Kyocera)
Smith Kennedy (HP)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Michael Sweet (Apple)
Bill Wagner (TIC)
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. Approve IPP minutes from previous meetings
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20190328.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20190417.pdf>
 - Approved as posted.
3. 3MF Liaison discussions
 - Get example 3D print job tickets info 3MF specs?
 - Extent ippdoclint (or have new ipp3ddoclint/ippdoclint3d) to support 3MF and other 3D formats
 - Still working on joint press release
4. Status/Review of various IPP mailing list notes
 - <http://www.pwg.org/archives/ipp/2019/020051.html>
 - Editorial change for PWG Safe G-Code (in formal vote) (Mike)
 - "safe-gcode-supported" to "pwg-safe-gcode-supported" (for consistency)
 - No objections
 - <http://www.pwg.org/archives/ipp/2019/020059.html>
 - Visual Studio release and Windows SDK versions to use for "ippsample" and "ippeveselfcert" projects (Smith/Mike)
 - Mike has updated documentation in the ippeveselfcert project, still needs to be done in the ippsample project
5. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20190417.pdf>
 - See IPP minutes from PWG F2F on 04/17/19 and 04/18/19
6. Quick Review of IPP 3D Printing Extensions v1.1 - 5100.21-2019 (Mike)

- <https://ftp.pwg.org/pub/pwg/candidates/cs-ipp3d11-20190329-5100.21.pdf>
 - CS draft
 - PWG Call for Objections ended 29 March 2019
 - Ready for publication as PWG Candidate Standard
 - Consensus is to publish as posted
7. Quick Review of PWG MFD Alerts v1.1 - 5107.3-2019 (Ira)
- <https://ftp.pwg.org/pub/pwg/candidates/cs-pwgmfdalerts11-20190412-5107.3.pdf>
 - CS draft
 - PWG Call for Objections ended 12 April 2019
 - Ready for publication as PWG Candidate Standard
 - Section 7.1: Stray "5." in middle of bulleted list
 - Section 8.1: Tweak indentation of bullets
 - Section 11.1: RFC5198, STD63, STD66 needs https
 - Section 12: "Kyocera Document Solutions" instead of "Kyocera Mita"
 - Consensus is to publish once typos are corrected
8. Status of PWG Safe G-Code (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgsafegcode10-20190318.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-pwgsafegcode10.txt>
 - Stable draft
 - PWG Formal Approval vote started 12 April 2019 ends 13 May 2019
9. Status of IPP Authentication Methods (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippauth-20190304-rev.pdf>
 - Stable draft
 - PWG Last Call (second) started 11 April 2019 ends 11 May 2019
 - Schedule - PWG Formal Approval vote in Q2 2019
10. Review of IPP Message Catalog Help Extensions (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippooltip-20190419.pdf>
 - Initial draft of Best Practice
 - Was extracted from first draft of HP PQI draft
 - Could eventually be incorporated into a future errata update of JPS3 which defines the message catalog syntax
 - Title: "Message Catalog Help Extensions (HELPME)"
 - Abstract: Start with second sentence, then talk about adding content to support, e.g.: "IPP Printers host their own localized Message Catalog files. This Best Practices document describes a convention to provide "help" content in Message Catalog files."
 - Section 1: Reword to match abstract
 - Section 2.x: Strip unused terminology
 - Section 2.2: Drop "normative"
 - Section 3:
 - Add new section 3 requirements
 - Make subsection (3.1) with title "Rationale"
 - Drop "existing specifications" sentence, just use the first item as the first sentence.
 - Last item can be added to the end of the second paragraph (no lists of 1)

- Section 3.1:
 - Drop lead sentence.
- Section 3.3:
 - Drop "IPP" from "IPP help content"
- Section 3.4:
 - "Describe extensions" instead of "define additions"
 - Drop item 2
 - Drop design recommendations
- Section 4:
 - Talk about why we start with underscore (attribute names and keyword values can't start with an underscore)
 - Drop "localization"
 - Add caption to table
 - Drop "enum-" from "enum-value" in examples
 - Use "suffix" instead of "keyword label" or "label"
 - "are described in Table N"
 - Add example of top-level "_helpurl" to table
 - "IPP attribute names and values"
 - In example - media-source should not be "manual" or "auto" for media-col-ready, which should identify specific, non-interactive (not manual feed) trays
 - Add reference to IPPSAMPLE for ipptoolfile
 - Line 188: Drop "at /strings/ipp-en.strings"
 - Lines 192 and 195: "/" starting the URLs, but need to talk about absolute vs. relative URLs
 - "//something" uses strings URL origin
 - Absolute points elsewhere
 - Lines 191 and 194: "tooltip" instead of "tooltop"
 - Global: user -> End User
 - Global: specification -> document or best practice
 - Schedule - IPP WG approval in Q2/Q3 2019
- 12. Status of Job Accounting with IPP (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wdippaccounting10-20190418.pdf>
 - Initial draft - for publication as PWG Best Practice
 - Schedule - future IPP WG review
- 13. Status of Canon new IPP Attributes proposal (Rick)
 - <https://ftp.pwg.org/pub/pwg/ipp/slides/20190417%20New%20IPP%20Attributes%20Proposal%20from%20Canon.pdf>
 - PWG F2F review in April 2019
 - Canon will be providing additional feedback from the F2F to the IPP mailing list
 - Schedule - future IPP WG review
- 14. Status of HP Print Quality Customization proposal (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/white-hp-ipp-custompqi-20190423-rev.pdf>
 - PWG F2F mention in April 2019

- Schedule - future IPP WG review
- 15. Status of IPP Everywhere 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190128-rev.pdf>
 - Stable draft
 - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
 - Schedule - Stable working drafts/beta tools in Q2 2019
- 16. Status of IPP Everywhere Self-Certification Manual v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20180704-rev.pdf>
 - Prototype draft
 - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
 - Schedule - Stable working drafts/beta tools in Q2 2019
- 17. Status of IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20190130-rev.pdf>
 - Prototype draft - PWG F2F discussion in April 2019
 - Update per PWG F2F in April 2019
 - Schedule - Stable working draft and PWG Last Call in Q2 2019
- 18. Status of IPP Document Object v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippdocobject11-20190418-rev.pdf>
 - Stable draft - PWG F2F discussion in April 2019
 - Updated to delete "document-format-details"
 - PWG Call for Objections ends May 21, 2019
- 19. Status of IPP Job Extensions v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobext20-20190418-rev.pdf>
 - Stable draft - PWG F2F discussion in April 2019
 - Updated to DEPRECATE "document-format-details"
 - Schedule - IPP WG Last Call and PWG Last Call in Q2 2019
 - Action: Mike to start IPP WG Last Call of IPP Job Extensions v2.0 ending May 9
- 20. Status of IPP Enterprise Printing Extensions v2.0 (EPX) (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepe-20190327.pdf>
 - Initial draft - PWG F2F review in April 2019
 - Update per PWG F2F in April 2019
 - Schedule - Prototype draft Q3 2019
- 21. Status of IPP Encrypted Jobs and Documents (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190418-rev.pdf>
 - Interim draft - PWG F2F review in April 2019
 - Updated to change from Registration to Specification
 - Schedule - Prototype draft Q3 2019
- 22. Open Printing update (Ira)
 - OP monthly calls (02/12/19) and (03/05/19) and (04/02/19) and (05/07/19)
 - OP website renovation major progress using Jekyll - finish in May 2019
 - GSoC 2019 Student application period begins (03/25/19)
 - GSoC 2019 Student application period ends (04/09/19)
 - GSoC 2019 Accepted student proposals announced (05/06/19)

Next Steps / Open Actions

- Next conference call on May 9, 2019 at 3pm ET
- Action: Mike to start IPP WG Last Call of IPP Job Extensions v2.0 ending May 9
- Action: Smith to work out logistics of contracting for IPP 3D prototype GUI (PENDING)
- Action: Mike to update the RAPID slide deck with a 3D Print dialog (PENDING)
- Action: Smith to follow-up on the 3MF liaison agreement (DONE)