

Internet Printing Protocol Workgroup Meeting Minutes October 10, 2019

Meeting was called to order at approximately 3pm ET.

Attendees

Cihan (Kyocera Document Solutions)
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. Discussion:
 - Q: Purpose of media-source-feed-direction vs. media-source-feed-orientation?
 - A: media-source-feed-orientation tells the Client the logical orientation of the media (e.g. envelopes and other special/direction-specific media)
 - media-source-feed-direction specifies real long/short edge feed status
3. Approve IPP minutes from previous meetings
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20190926.pdf>
 - Approved as posted.
 - Action: Smith to add attribute/value registration template to new IPP registration policy document
 - ipregistry project's PENDING.md file provides the standard format
4. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2019/020271.html>
 - [PWG5100.1] Issue #87: Section 5.1: uses of "feed-orientation" and "orientation-requested" lack source reference citations
 - <https://www.pwg.org/archives/ipp/2019/020275.html>
 - RFC: Job Accounting and Managed Printing Solutions
 - <https://www.pwg.org/archives/ipp/2019/020276.html>
 - Contribution for rewording JPS3v2 section 11 "Relationship of Impressions, Pages and Sheets"
 - <https://www.pwg.org/archives/ipp/2019/020278.html>

- Fwd: NIST Workshop Nov 13-14: Materials Research & Measurement
 - Needs for Ceramics Additive Manufacturing
 - Paul won't be going to this one...
5. Status of AMSC and ISO liaisons w/ PWG (Paul)
- <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20190828.pdf>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190909.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190923.htm>
 - See PWG F2F IPP minutes from 28-30 August 2019
 - See PWG Steering Committee minutes from 09/09/19, 09/23/19
6. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
- IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20190927-rev.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippssystem10.txt>
 - Stable draft - for a Candidate Standard
 - PWG Last Call ended 13 September 2019
 - 12 responses, 5 w/ comments, quorum = 8 (30% of 25)
 - LCRC review on 10/10/19
 - Schedule - PWG Formal Vote in Q4 2019
 - Section 3.2.3:
 - "an Imaging System management application"
 - Section 4.6:
 - Line 684: Drop "status" before "attribute"
 - Q: If you install a user application and allocate it to a printer, what happens?
 - A: TBD
 - Q: How do you target a firmware update to a particular subunit?
 - A: TBD - something maybe to add to the implementation considerations?
 - Action: Mike to post proposed firmware update/format text for IPP System to IPP mailing list
 - Section 6.1.4.1:
 - For printer-geo-location, "limited to configured Printers near the specified GEOLOCATION"
 - For printer-service-type, "limited to configured PRINTERS" (plural)
 - Starting in section 7, getting duplicate heading numbers (10.2.x)
 - Section 7.3.31:
 - Add reference to 5110.1 after TimeSource
 - Mike will post updated stable draft for the formal vote once the firmware discussion is completed
7. Quick Review of IPP Production Printing Ext v2.0 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20190923-rev.pdf>
 - Prototype draft (back from Interim) - for a Candidate Standard
 - IPP WG review on 12 September 2019

- Schedule - Stable draft in Q4 2019
 - Section 3.3:
 - "The following subsection defines an exception"
 - Section 5.1.3:
 - Make sure 'signature' text is not messed up...
 - Needs prototyping in ippserver
 - Action: Mike to file an issue for ippsample project to add PPX to ippserver
8. Quick Review of IPP Job and Printer Extensions Set 3 v2.0 (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v20-20191003-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 28 August 2019 - completed
 - Schedule - Prototype draft in Q3/Q4 2019
 - Did not get to this
9. Status of various IPP documents (All)
- IPP Enterprise Printing Extensions v2.0 (EPX) (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20190911-rev.pdf>
 - Interim draft - for a Candidate Standard
 - IPP WG review on 18 July 2019
 - Schedule - Prototype draft in Q3/Q4 2019
 - 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 review on 28 August 2019
 - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
 - Schedule - Stable working drafts/beta tools in Q3/Q4 2019
 - 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 discussion on 28 August 2019
 - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
 - Schedule - Stable working drafts/beta tools in Q3 2019
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20190418.pdf>
 - Initial draft - for a Best Practice
 - PWG F2F review on 29 August 2019
 - Schedule - Prototype draft in Q4 2019/Q1 2020
 - IPP Encrypted Jobs and Documents (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190418-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 29 August 2019

- Schedule - Prototype draft in Q4 2019/Q1 2020?
- 10. Open Printing update (Ira)
 - <https://openprinting.github.io>
 - OP website now live
 - OP monthly calls (07/09/19) and (08/06/19) and (10/08/19)
 - GSoC Phase 3 Evaluation ended on 2 September 2018
 - 4 of 5 OP students passed - last 1 promised to finish after GSoC
 - Both IPP test suite projects were successful!

Next Steps / Open Actions

- Next conference calls on October 24 and November 7, 2019 at 3pm ET
- Action: Smith to add attribute/value registration template to new IPP registration policy document
- Action: Mike to post proposed firmware update/format text for IPP System to IPP mailing list
- Action: Mike to file an issue for ippsample project to add PPX to ippserver
- Action: Mike/Paul to add ipp3dprinter to ippsample project (DONE)
- Action: Mike and Ira to register PWG 5106.4 and 5107.3 values with IANA (DONE for IPP)
- Action: Mike to reach out to PWG membership asking for job accounting information that can be shared at the next PWG face-to-face meeting (DONE)
- Action: Paul to make a list of 3D printing projects for 2019-2020 (PENDING)