

Internet Printing Protocol Workgroup Meeting Minutes November 7, 2019

Meeting was called to order at approximately 3pm ET.

Attendees

Cihan (Kyocera Document Solutions)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Michael Sweet (Apple)
Bill Wagner (TIC)
Uli Wehner (Ricoh)

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-20191024.pdf>
 - Approved as posted.
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2019/020306.html>
 - Handling use case where smaller Input Page media size is printed on larger physical media
 - Smith: talked internally about special media source to select this behavior, but that could get unwieldy in media-col-ready/database
 - Bill: Virtual paper tray could be an option, but would be limited to specific sizes
 - Mike: Already supported by clients
 - Ira: Virtual trays should be labeled as such in the MIB/printer-input-tray
 - Bill: What to do about errors, e.g., cutters that might be used, etc.
 - Mike: imposition-template is a more logical mapping, but doesn't capture merging of multiple jobs in order to optimize roll usage, not supported by clients
 - Use Case: User wants to print small pages on a roll, with the output being laid out to minimize media usage.
 - Possible changes to NODRIVER spec:
 - Additional values for media-source member attributes:

- naming scheme, etc. so that Client knows the tray is virtual
 - Values for printer-input-tray, trickle-back to Printer MIB
prtInputTable
 - Values for printer-output-tray, trickle-back to Printer MIB
prtOutputTable
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <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>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20191007.htm>
 5. 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-ippsystem10-20191022-rev.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippsystem10.txt>
 - Stable draft - for a Candidate Standard
 - Final IPP WG review on October 24, 2019
 - PWG Formal Vote started October 24, 2019 ends November 22, 2019
 6. Quick Review of IPP F2F slides
 - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-november-19d1.pdf>
 - Global: Mountain Standard Time
 - Slide 5: Updating in 2020
 - Slide 6: Drop acronyms
 - Slide 7: Job Accounting is interim
 - Slide 9: 5100.9 is "Printer State Extensions", add MFD Alerts errata
 - Slide 12: 1.1 tools in Q1 2020
 - Slide 13: 1.1 tools in Q1 2010
 - Slide 17: Add list of changes from 5100.11-2010
 - Slide 23: Drop "RFC" from the title
 - Slide 27: Need updates
 - Action: Smith and Ira to provide 3D printing liaison slide updates
 - Global: Use "1/N" instead of "(con't)" in titles
 - Slide 30: Update milestones
 1. Quick Review of IPP Driverless Printing Extensions v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v20-20191003-rev.pdf>
 - Interim draft - for a Candidate Standard
 - To be renamed Driverless Printing Extensions (NODRIVER)
 - PWG F2F review on 28 August 2019 - completed
 - Schedule - Prototype draft in Q3/Q4 2019
 - Did not get to this
 2. Status of various IPP documents (All)
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20191022.pdf>
 - Interim draft - for a Best Practice
 - Schedule - Prototype draft in Q4 2019/Q1 2020

- IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippxxx20-20190923-rev.pdf>
 - Prototype draft (back from Interim) - for a Candidate Standard
 - IPP WG review on 10 October 2019
 - Schedule - Stable draft in 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
 - 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?
3. Open Printing update (Ira)
- <https://openprinting.github.io>
 - OP website now live with IPP Everywhere logo
 - OP monthly calls (07/09/19) and (08/06/19) and (10/08/19)
 - GSoC ended on 2 September 2018
 - 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 calls on December 5 and 19, 2019 at 3pm ET
- PWG F2F on November 20-21, 2019
- Action: Smith and Ira to provide 3D printing liaison slide updates
- Action: Mike to start formal vote of System Service, ending November 22, 2019 (DONE)

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