Internet Printing Protocol Workgroup Meeting Minutes
February 20, 2020

Meeting was called to order at approximately 3pm EST.

Attendees

Cihan Colakoglu (Kyocera Document Solutions)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Chris Rizzo (Xerox)
Michael Sweet (Lakeside Robotics)
Rick Yardumian (Canon)
Bill Wagner (TIC)

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. IPP Transaction-Based Printing Extensions v1.1 (Mike)
    -   https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans11-20200218-rev.pdf
    -   Stable draft - errata update for PWG 5100.16-2013
    -   Discuss attributes/values being moved to NODRIVER and EPX
        -   Section 2.3: Add Job Accounting definition, italicize Job Creation Request
        -   Section 9.2: Add additional semantics for job-authorization-uri, look for any other conditionally-required dependences
        -   Section 13.1: "profile-uri-actual" operation attribute
    -   Q: Is it a problem that we don't have any REQUIRED attributes in this spec?
        -   Smith has been struggling with that for NODRIVER as well
        -   A: Consensus is OK for a 1.1 update with the Job Accounting best practices coming
    -   Mike will post a quick update for next week's concall
    -   Schedule - Start PWG Call for Objections after Feb 27 concall
3. IPP Driverless Printing Extensions v2.0 (Smith)
    -   https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippnodriver20-20200204-rev.pdf
    -   Interim draft - Candidate Standard update for PWG 5100.13-2013 (JPS3)
    -   PWG F2F review on February 5-6, 2020 ended at section 6.2
    -   Section 6.2.1:
        -   Q: How would we apply this to cut sheets?
        -   Could this be done as imposition-template values? (we just added 'tile' to PPX for queuing/nesting for roll-fed)
        -   'all' could map to 'marked', 'marked-vertical', 'marked-horizontal'?

- 'banner' could map to 'compress', 'compress-vertical', 'compress-horizontal'?
    - Action: Mike to propose alternate implementation of eliminate-margins using imposition-template
- Section 6.2.2:
    - Link this to STD92 - normal state model aborts on processing errors
- Section 6.2.3:
    - "to over-print the Impression"
    - Drop second sentence on 1196-1197
    - Maybe turn this and media-overprint-type into a collection?
    - "Figure 4" sentence fragment on line 1121
    - Improve Figure 4 (maybe use IPP Everywhere color.jpg photo showing overprint)
        - Action: Mike to provide Smith with the color.jpg file showing overprint
- Global: Use superscript "th" for 1/2540th
- Section 6.2.4:
    - Add 'none' keyword (disables overprint entirely)
- Section 6.2.5:
    - Drop "I keyword" from title (type2 keyword allows for vendor extension with or without registration)
- Global: Check for lowercase "job", "job creation request", "input pages" throughout (should be Job and Job Creation Request and Input Pages)
- Section 6.3:
    - Make "job-pages-completed-current-copy" obsolete since RFC 3381 is obsolete (job progress)
- Section 6.3.2:
    - "most authenticated user" (drop "end")
- Section 6.3.4:
    - Maybe remove section 11 reference? Depends on whether we still need it...
- Section 6.3.5:
    - Move to obsolete attributes section
- Section 6.3.6:
    - Job Creation Request (no operation in the middle)
- Section 6.5:
    - pages and pages-completed can be RECOMMENDED
- Section 6.5.1:
    - Comment resolution - not moving to EPX
- Sections 6.5.3 and 6.5.4:
    - RECOMMENDED
    - Drop "and the IPP Document Object [PWG5100.5]" from the second paragraphs.
- Section 6.6 table:
    - Comment: printer-charge-info* moved to TRANS
    - Comment: printer-org* stay

- Make printer-strings-xxx CONDITIONALLY REQUIRED when a printer has vendor extension attributes/values
  - Section 6.6.5:
    - Drop "driverless"
  - Discuss: requesting-user-uri/-supported and job-originating-user-uri: what to make the conformance?
  - Discuss: define "enterprise" in EPX, "production" in PPX, "transactions" in TRANS, etc.?
  - Section 6.6.17:
    - Missing section reference
  - Stopped at section 6.6.17
  - Schedule - Prototype draft in Q2 2020

Next Steps / Open Actions

- Next conference calls February 27 and March 12, 2020 at 3pm
- Action: Mike to propose alternate implementation of eliminate-margins using imposition-template
- Action: Mike to provide Smith with the color.jpg file showing overprint
- Action: Mike to post updated stable draft of IPP TRANS for review at Feb 27 concall (DONE)
- Action: Mike to post approved IPP Label Printing Extensions and add to the IANA IPP registry (DONE)
- Action: Mike to post updated stable draft of IPP Everywhere v1.1 and start IPP WG Last Call (DONE)
- Action: Mike to post updated stable draft of IPP Everywhere Printer Self-Certification Tools v1.1 and start IPP WG Last Call (DONE)
- Action: Smith to contact Mopria for sanitized accounting use cases we can look at (DONE, waiting on response)
- Action: Mike to review Validate-Document in NODRIVER (DONE)
- Action: Mike and Ira to contact UK GovPrint for current status (PENDING)
- Action: Mike, Smith, and Ira to provide 3D printing liaison slide updates (PENDING - need to talk with Paul to determine which slides these are)