

# Internet Printing Protocol Workgroup Meeting Minutes

## March 2, 2017

Meeting was called to order at approximately 3pm ET on March 2, 2017.

### Attendees

Smith Kennedy (HP)  
Ira McDonald (High North)  
Mike Sweet (Apple)  
Paul Tykodi (TCS)  
Bill Wagner (TIC)  
Rick Yardumian (Canon)

### Agenda Items

1. IP Policy and Minute Taker
  - IP policy accepted, Mike taking minutes
2. Approve previous minutes:
  - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20170125.pdf>
  - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20170214.pdf>
  - Approved as posted.
3. Status
  - IPP System Service (Ira/Mike)
    - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20170212-rev.pdf>
    - Interim draft
    - Reviewed by IPP F2F on 02/14/17
    - Schedule - Prototype draft in Q1/Q2 2017
    - TODO: Update RFC links to use tools.ietf.org, update Unicode reference
  - ISO TC261 Liaison (Paul)
    - Paul has checked on status with the two members of TC261 responsible for such things, waiting for response...
4. Review of IPP Finishings 2.1 (Smith)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings21-20170216-rev.pdf>
  - Stable draft
  - PWG Formal Vote completed on 02/17/17
  - Section 2.3: Drop reference to RFC 3381.
  - Normative References: drop RFC 3381.
  - Update RFC references to use <http://tools.ietf.org/html/rfcNNNN>
  - Update UNICODE reference to current version (see IPP 3D document)
  - Ira will check the Unicode UAX/UTR references to make sure the dates are current.

- Smith to post updated IPP Finishings draft (with existing changes preserved) to IPP mailing list for email approval
- 5. Review of IPP 3D Printing Extensions (Mike)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp3d10-20170210-rev.pdf>
  - Stable draft
  - PWG Formal Vote completed on 02/10/17
  - Section 2.4: Define Formative Manufacturing (using molds, forms, presses, stamps, etc.)
  - Mike to post updated IPP 3D draft (with existing changes preserved) to IPP mailing list for email approval
- 6. Review of IPP Charter Update
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20170221-rev.pdf>
  - Add semantic model and iana ipp registry maintenance tasks
  - Move IPP Everywhere Multifunction work item to potential projects
  - Make first two potential (TBD) projects part of a new "Ongoing Tasks" sections
  - Milestones:
    - Leave out all milestones without dates (but check F2F minutes first)
    - Remove EVEMFD's
    - Drop INTEROP's
- 7. Review of PWG 3D Print Job Ticket and Associated Capabilities
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-smprint3d10-20170219.pdf>
  - <http://ftp.pwg.org/pub/pwg/sm3/schemas/smprint3d10-20170219.zip>
  - Global: Use "PJT3D" as the acronym for the document
  - Global: Use "Print3D" for the schema/service
  - Abstract: "is designed to support embedding in 3D document formats such as 3MF and 3D PDF so that ..."
  - Section 1
    - Lines 131-132: "is automatically generated using the IPP Registry ..."
    - and is derived from the IANA IPP Registry to ensure alignment with IPP 3D
  - Section 2.1:
    - Fix definition of Job Ticket (copy from PJT)
    - Add Job Receipt (from PJT)
  - Section 2.2: Drop, make all "Printer" terms lowercased.
  - Section 3:
    - Line 183: Drop "1.1" from "XML 1.1 schema"
  - Section 3.1.1:
    - Line 192: "to a 3MF file" (not while)
  - Section 7: Add hyperlink for IPP 3D

## Next Steps / Open Actions

- Next IPP WG conference calls on Thursday, March 16 and 30, 2017 from 3:00-4:30pm ET

- Action: Mike to post deprecation template for 'jog-offset' finishings/finishing-template values, with reasons (PENDING)
- Action: Mike to document ippserver setup on Raspberry Pi for 3D (PENDING)
- Action: Mike to develop iptool tests for IPP 3D (PENDING)
- Action: Mike to look at document template to fix level 3 headings which are not bold (ONGOING - template was correct, Mike will look at the System Service document instead)