

IPP Working Group Session

October 2, 2012

PWG “Virtual” F2F Meeting

IPP WG Meeting Agenda



Tuesday, October 2

1:00 - 1:05	Introductions, Minute Taker, Agenda Review
1:05 - 1:15	Current IPP WG status
1:15 - 2:15	IPP Everywhere
2:15 - 3:15	PWG Media Standardized Names 2.0 (MSN2)
3:15 - 3:30	Break
3:30 - 4:45	IPP FaxOut Service
4:45 - 5:00	Next Steps

IPP WG Officers



- IPP WG Co-Chairs:
 - Paul Tykodi (TCS)
 - Ira McDonald (High North)
- IPP WG Secretary:
 - Michael Sweet (Apple)
- IPP WG Document Editors:
 - Ira McDonald (High North) – IPP Everywhere, IPP Scan Service, IPP over HTTPS Transport Binding and “ipps” URI Scheme, LDAP Schema for Printer Services
 - Michael Sweet (Apple) – IPP Everywhere, PWG Media Standardized Names 2.0, IPP over HTTPS Transport Binding and “ipps” URI Scheme, LDAP Schema for Printer Services, IPP FaxOut Service

IPP WG Status



- IPP Everywhere specs in development:
 - IPP Everywhere (PWG Format Vote starting soon)
 - IETF IPP over HTTPS Transport Binding and "ipps" URI Scheme
 - IETF LDAP Schema for Printer Services (updates RFC 3712)
 - PWG Media Standardized Names 2.0 (MSN2 - PWG Last Call soon)
- IPP Multifunction specs in development:
 - IPP Scan Service
 - IPP FaxOut Service
- IPP Cloud binding specs in development:
 - None (yet)

IPP WG Status



- Candidate Standards:
 - IPP: Job and Printer Extensions - Set 3 (JPS3)
 - PWG Raster Format
- Up-to-date pending IANA registrations online:
 - <http://www.pwg.org/ipp/ipp-registrations.xml>
 - Will maintain this in parallel for new specifications
 - Also have some MIB registrations pending

Document Editors Needed



- As we complete our work on IPP Everywhere, we need to identify editors for the IPP Multifunction specifications
- Need a new editor for IPP Scan Service since Andrew is no longer able to serve as editor
- Additional multifunction services need to be addressed: FaxIn, Copy, System Control, Transform
 - These should be relatively easy since they are essentially binding specs that reference the corresponding Semantic Model specs
 - See FaxOut for an example of how easy it will be
- IPP Multifunction spec will likely be an update of IPP Everywhere with pointers to the corresponding service specifications

IPP Everywhere



- Current (stable) draft at:
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve10-2012MMDD-rev.pdf>
 - PWG Last Call concluded August 24, 2012
- ?? Last Call comments
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippeve10.txt>
 - ?? comments resolved
 - ?? comments rejected
 - ?? comments require further discussion
- Proposed schedule:
 - PWG Formal Vote starting later in October 2012

IPP Everywhere Comments



- GP113: Line 527: Since the words "with generic drivers" was not deleted; I content there needs to be a wording change. It is not a "generic driver". As it will always be, there is a device specific driver in the print-stream somewhere; mostly likely within a printer or virtual printer controller. Anyway, I believe the term "driver" should be replaced with something else.
 - Ira mentioned that the IPP Everywhere specification needed to stay synchronized with the existing IPP Everywhere charter. Specifically OBJ-6 from the current charter which states "Design to allow the use of vendor-neutral generic print drivers (e.g., one per document format) by IPP Everywhere and IPP Multifunction clients."
 - The group discussion confirmed that "generic print drivers" is not a reference to the generic print drivers developed by many device manufacturers, which are able to support multiple devices from the manufacturer's portfolio of products.
 - There was also significant discussion about the entities, which might decide to create IPP Everywhere conforming drivers:
 - Operating System Vendors
 - Printer and MFP manufacturers
 - Commercial Software Vendors
 - The discussion ended with some items left unresolved:
 - a. Would using the title cased term Generic Drivers be helpful?
 - b. If the answer to item a. was Yes, a new definition would need to be created.
 - c. On line 645 [section 3.4 item 4], the items currently delineated by commas should each be listed separately as design requirements

PWG Media Standardized Names 2.0 (MSN2)



- Current (stable) draft:
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgmsn20-2012MMDD-rev.pdf>
- Open issue:
 - Additional media types for large-format and label/receipt printers
- Proposed schedule:
 - PWG Last Call to span December 2012 F2F
 - PWG Formal Vote starting in January 2013

IPP FaxOut Service



- Current (interim) draft:
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfaxout10-20110922.pdf>
- Known issues:
 - Missing Printer Description attributes (phone number, etc.)
 - Need to talk about Set-Printer-Attributes and document what is settable
 - Reference printer-state-reasons from MFD Alerts
 - Also talk about “sticky” keywords set/cleared only while processing
 - cover-sheet-info/-default can have “no-value” value to disable the Printer-generated cover page
- Proposed schedule:
 - Prototype draft Q4 2012/Q1 2013
 - Stable draft, WG Last Call Q1 2013

IPP WG Next Steps



- IPP Everywhere
 - Formal Vote Q4 2012
 - Virtual interoperability event for IPP Everywhere starting in Q1 2013
- IPP Multifunction
 - Interim working drafts of IPP Scan Service and IPP FaxOut Service in Q4 2012/Q1 2013
 - Initial working drafts of other specifications starting in Q1 2013
- IPP Shared Infrastructure Extensions starting in Q1 2013?

IPP WG Info / Participation



- We welcome participation from all interested parties
- IPP Working Group web page
 - <http://www.pwg.org/ipp/index.html>
- IPP Working Group wiki
 - <http://pwg-wiki.wikispaces.com/IPP>
- Subscribe to the IPP mailing list
 - <http://www.pwg.org/mailhelp.html>
- IPP WG holds bi-weekly phone conferences announced on the IPP mailing list
 - Next conference call is October 22, 2012 at 3pm (EST)