

IPP Working Group Session

6 August 2010

Bagsværd, Denmark - PWG F2F Meeting

IPP WG Meeting Agenda



| | |
|---------------|--|
| 12:30 - 12:45 | Introductions, Minute Taker, Agenda Review |
| 12:45 - 1:00 | Current IPP WG status |
| 1:00 - 1:30 | Discuss Job and Printer Set 2 |
| 1:30 - 2:30 | Discuss IPP/2.0 Second Edition |
| 2:30 - 2:45 | Break |
| 2:45 - 4:30 | Discuss IPP Everywhere Requirements |
| 4:30 - 4:45 | Break |
| 4:45 - 6:15 | Discuss Attributes, Protocols and Formats |
| 6:15 - 6:30 | Action Items and Next Steps |

IPP WG Officers



- IPP WG Chair:
 - Paul Tykodi (TCS)
- IPP WG Secretary:
 - Michael Sweet (Apple)
- IPP WG Document Editors:
 - Tom Hastings (retired Xerox) – IPP JPS2
 - Ira McDonald (High North) – IPP Version 2.0
 - Michael Sweet (Apple) – IPP Version 2.0

IPP WG Current Status



- IPP Version 2.0 First Edition
 - PWG Candidate Standard – defines IPP/2.0 and IPP/2.1
 - <ftp://ftp.pwg.org/pub/pwg/candidates/cs-ipp20-20090731-5100.10.pdf>
- IPP Printer State Extensions (PSX)
 - PWG Candidate Standard – IPP Printer/Finisher alerts
 - <ftp://ftp.pwg.org/pub/pwg/candidates/cs-ippstate10-20090731-5100.9.pdf>

IPP WG Current Status



- IPP Job and Printer Operations Set2 (JPS2)
 - PWG last call
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext10-v28-20100606-rev.pdf>
- IPP Version 2.0 Project Charter
 - PWG SC Approved – adds IPP Job and Printer Operations Set2
 - <ftp://ftp.pwg.org/pub/pwg/ipp/charter/ch-ippv2-20090819.pdf>
- IPP/2.0 SE
 - Draft posted
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp20-20100527-rev.pdf>
- IPP Everywhere Project Charter
 - PWG SC Approved
 - <ftp://ftp.pwg.org/pub/pwg/ipp/charter/ch-ippeverywhere-charter-20100712.pdf>

IPP JPS2 Status



- Include summary of comments from WG Last Call

IPP Everywhere Status



- Approved with 12 yes votes, 1 no (without strong objection), and 2 abstains.
- Work to begin today on IPP Everywhere Requirements

IPP/2.0 SE



- Changes?

CUPS ipptool



- <http://www.cups.org/software.php>
- IPP/1.1, IPP/2.0, and IPP/2.1 conformance tests
- Binaries available for Linux, Mac OS X, and Windows
- Simple text-based test files:

```
{  
  NAME "Name of test"  
  OPERATION Get-Printer-Attributes  
  GROUP operation-attributes-tag  
  ATTR charset attributes-charset "utf-8"  
  ATTR naturalLanguage attributes-natural-language "en"  
  ATTR uri printer-uri "$uri"  
  STATUS successful-ok  
  EXPECT printer-uri-supported OF-TYPE uri  
}
```

IPP Everywhere Requirements



IPP Everywhere Attributes



- Pull from wiki

IPP Everywhere Protocols



- Bonjour for discovery?
 - DNS-SD + Multicast DNS + IPv4 link local
- IPP/2.0 + HTTP/1.1 for transport

IPP Everywhere Formats



- CUPS Raster
- JPEG
- PDF

IPP WG Next Steps

- IPP Job and Printer Operations Set2 (JPS2)
 - PWG Last Call (w/IPP Version 2.0 2nd Ed)
- IPP Version 2.0 Second Edition
 - Review and update drafts
 - PWG Last Call in Q2 2010 (w/JPS2)
- IPP 2.0/2.1/2.2 Interoperability Testing
 - Interoperability event in Q2/Q3 2010
- IPP Everywhere
 - Requirements in Q3 2010
 - Initial draft specification in Q4 2010
 - PWG Last Call of Requirements in Q1 2011
 - Prototype draft specification in Q2 2011
 - Interoperability in Q3 2011

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