The Printer Working Group

IPP Workgroup Session #1

May 13, 2014

PWG F2F Meeting

Cupertino, CA

IPP WG Meeting Agenda

May 13, 2014

When	What
2:15 - 2:30	Status
2:30 - 3:45	IPP Shared Infrastructure Extensions (IPPSIX)
3:45 - 5:00	IPP Implementor's Guide 2.0

May 15, 2014

When	What
9:00 - 9:45	IPP Self-Certification
9:45 - 10:45	IPP Scan Service
10:45 - 11:00	Break
11:00 - 11:45	IPP Finishings 2.0 (FIN2)
11:45 - 12:00	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 Shared Infrastructure Extensions (IPPSIX), IPP over HTTPS Transport Binding and "ipps" URI Scheme, LDAP Schema for Printer Services
  - Michael Sweet (Apple) – IPP Shared Infrastructure Extensions (IPPSIX), IPP over HTTPS Transport Binding and "ipps" URI Scheme, LDAP Schema for Printer Services, IPP Finishings 2.0
  - Smith Kennedy (HP) - IPP Implementors Guide 2.0
  - Peter Zehler (Xerox) - IPP Scan Service

IPP WG Status

- IETF RFCs in development:
  - IETF IPP over HTTPS Transport Binding and "ipps" URI Scheme
    - IETF Apps Area Review
  - IETF LDAP Schema for Printer Services (updates RFC 3712)
    - IETF Apps Area Review

- PWG Specifications in development:
  - IPP Everywhere Self-Certification Manual 1.0
    - Prototype Draft
  - IPP Finishings 2.0   - Prototype Draft
  - IPP Implementors Guide 2.0   - Prototype Draft
  - IPP Scan Service   - Stable Draft
  - IPP Shared Infrastructure Extensions (IPPSIX)
    - Prototype Draft

IPP WG Status

- Candidate Standards:
  - PWG 5100.14-2013: IPP Everywhere
  - PWG 5100.15-2013: IPP FaxOut Service (pending errata)
  - PWG 5100.16-2013: IPP Transaction-Based Printing Extensions
- Up-to-date pending IANA registrations online:
  - http://www.pwg.org/ipp/ipp-registrations.xml
  - Continue to maintain this in parallel for new specifications
    - PWG version includes draft specifications that have reached prototype status

IPP Shared Infrastructure Extensions (IPPSIX)

- Current (prototype) draft at:
  - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20140226.pdf
- Proposed schedule:
  - Prototype experience and stable draft Q2 2014
  - WG and PWG Last Call Q2/Q3 2014

IPP Implementor's Guide 2.0

- Current (prototype) draft at:
  - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-2014mmdd.pdf
- Proposed schedule:
  - Prototype experience and stable draft Q2 2014
  - WG and PWG Last Call Q2/Q3 2014

The Printer Working Group

IPP Workgroup Session #2

May 15, 2014

PWG F2F Meeting

Cupertino, CA

IPP Everywhere Printer Self-Certification

- Current (prototype) draft of IPP Everywhere Self-Certification Manual 1.0:
  - ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-2014mmdd-rev.pdf
- Standards track document with tools:
  - Minor releases (1.x, 2.x, etc.) will be errata with PWG Call For Objection process
  - Major releases (1.0, 2.0, etc.) will go through PWG Last Call and Formal Approval process
  - Tools and document released together on pwg.org
- Proposed schedule:
  - Prototype experience and stable draft Q2/Q3 2014
  - WG and PWG Last Call Q2/Q3 2014

- What we have today:
  - Client software in current Linux OS distributions
  - IPP test tool (CUPS ipptool)
  - Bonjour test tool (CUPS ippfind)
  - Test files for ipptool
  - Sample PDF, JPEG, and PWG Raster files for testing
  - Interim draft of self-certification manual and license agreement
  - IPP Everywhere logo:

IPP Everywhere Printer Self-Certification

- Next steps:
  - Complete the Self-Certification Manual 1.0
    - Finalize test procedures and requirements in detail
    - Define exception process for tests that might fail
    - Formally define self-certification of product families
  - Complete the test tool packages
  - Complete the web pages on pwg.org
  - Get guinea pigs to test the process and tools:

The Printer Working Group

Scheduled Break

IPP Scan Service

- Current (stable) draft at:
  - ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippscan10-2014mmdd-rev.pdf
- Proposed schedule:
  - WG and PWG Last Call Q2/Q3 2014

IPP Finishings 2.0 (FIN2)

- Current (prototype) draft at:
  - ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings20-2014mmdd-rev.pdf
- Proposed schedule:
  - Prototype experience and stable draft Q2/Q3 2014
  - WG and PWG Last Call Q2/Q3 2014

IPP WG Next Steps

- IPP Everywhere Printer Self-Certification Manual 1.0
  - Prototype experience (testing) and stable draft in Q2/Q3 2014
  - WG and PWG Last Call in Q2/Q3 2014
- IPP Finishings 2.0 (FIN2)
  - Prototype experience and stable draft in Q2/Q3 2014
  - WG and PWG Last Call in Q2/Q3 2014
- IPP Implementor's Guide 2.0 (IIG2)
  - Prototype experience and stable draft in Q2/Q3 2014
  - WG and PWG Last Call in Q2/Q3 2014
- IPP Scan Service
  - WG and PWG Last Call in Q2/Q3 2014
- IPP Shared Infrastructure Extensions (IPPSIX)
  - Prototype experience and stable draft in Q2/Q3 2014
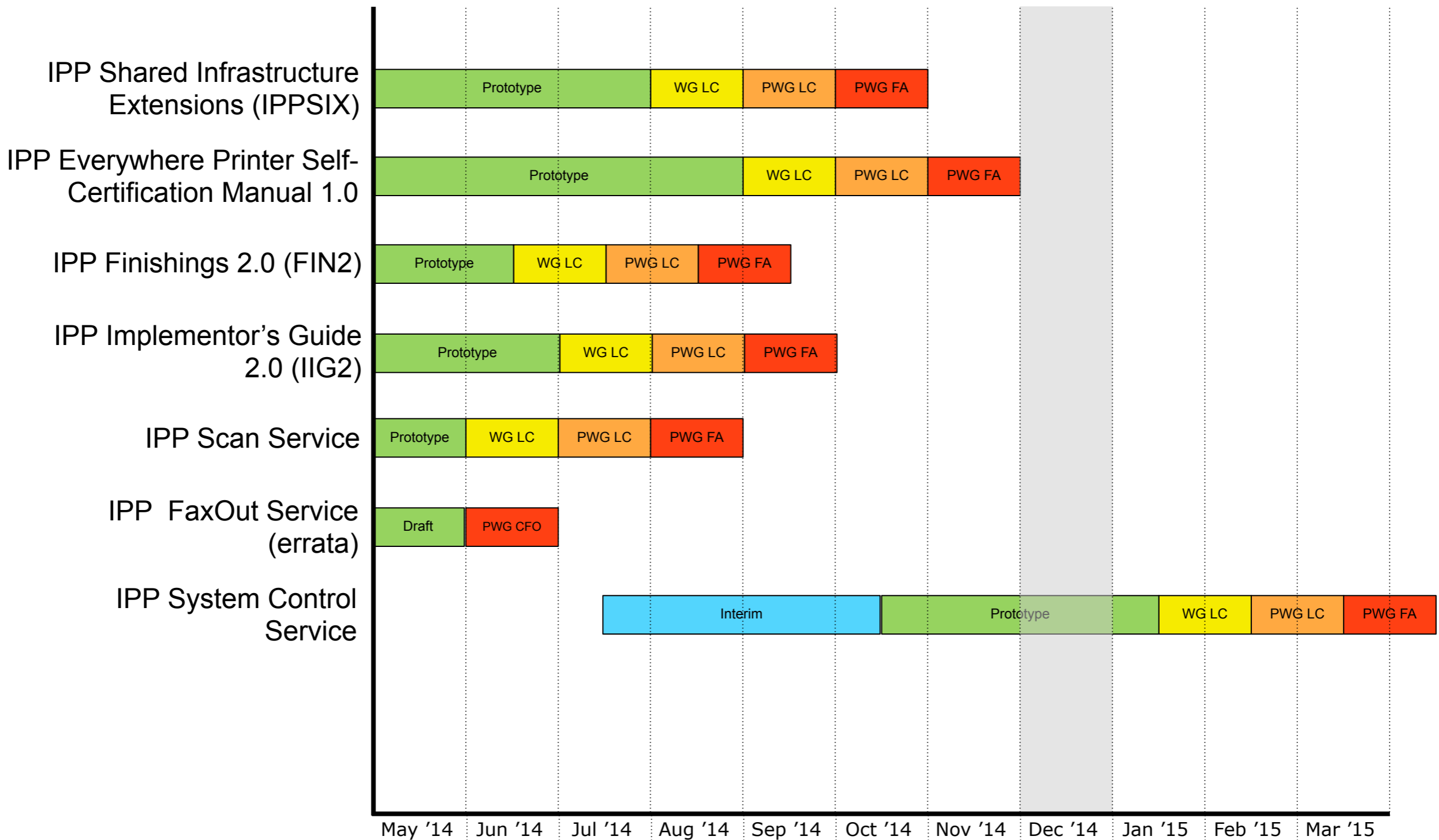 - WG and PWG Last Call in Q2/Q3 2014

IPP WG Next Steps

- IPP FaxOut Service Errata
  - PWG Call for Objections in Q2/Q3 2014
- Start work on IPP System Control Service 1.0 (Mike/Ira)
  - Initial working draft in Q3/Q4 2014
- Investigate advancing IPP/2.0 and/or IPP Everywhere to full IEEE-ISTO standards
  - ... and IPP/1.1 to full IETF standard based on IPP/2.0 interoperability results

IPP WG Next Steps

- We welcome participation from all interested parties
- IPP Working Group web page
  - http://www.pwg.org/ipp/index.html
- Subscribe to the IPP mailing list
  - https://www.pwg.org/mailman/listinfo/ipp
- IPP WG holds bi-weekly phone conferences announced on the IPP mailing list
  - Next conference calls May 26, 2014 and June 9, 2014 at 3pm ET