

## IPP WG Minutes - Irvine PWG F2F - 4 December 2008

Minutes prepared by Ira McDonald - with much help from Lee Farrell

### Attendees

Shah Bhatti (Samsung, IPP WG Co-Chair)  
Nancy Chen (Okidata)  
Lee Farrell (Canon)  
Grant Gilmore (360 Software)  
Ira McDonald (High North)  
Glen Petrie (Epson) - phone  
Amir Shahindoust (Toshiba)  
Dinesh Srirangpatna (Samsung)  
Michael Sweet (Apple/CUPS) - phone  
Jerry Thrasher (Lexmark)  
Paul Tykodi (TCS, IPP WG Co-Chair) - phone  
Bill Wagner (TIC)  
Dave Whitehead (Lexmark)  
Pete Zehler (Xerox) - phone

### Agenda

- Introductions and Housekeeping
- IPP/2.0 Review and Discussion
- IPP PSX and IPP Production Printing Set2
- Action Items and Next Steps

### Introductions and Housekeeping

- Reminder that meeting is under rules of PWG IP Policy - no objections
- Introductions of attendees in room and on phone
- Minute Taker - Ira McDonald with much help from Lee Farrell

### IPP Printer State Reasons Extensions (PSX)

- Current Status - Editorial content complete - see discussions below  
<ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippstate10-20061107.pdf>
- Prototypes (Ira) - status unknown
- Implementation (Mike Sweet) - CUPS/1.3.0 (released on 13 August 2007) supports all IPP PSX attributes and values through all CUPS backends to actual printers (not just Printer MIB) - see Mike's subsequent note on IPP WG mailing list
- Proposal (Ira) - Add IPP PSX to IPP/2.0 spec - no objections
- Proposal (Mike) - Add IPP PSX as REQUIRED in \*both\* IPP/2.0 and IPP/2.1 - numerous objections and lively discussion

- Objection (Jerry) - IPP/2.0 should not require IPP PSX (because it adds new attributes)
- Suggestion (Mike) - IPP PSX attributes could be implemented but empty - numerous objections
- Proposal (Ira) - IPP PSX should be REQUIRED for IPP/2.1 (because it adds most value to Enterprise Printing and may not be as useful for IPP/2.2 Production Printing with dedicated operators co-located)
- Meeting Consensus (Jerry) - Discuss IPP PSX requirement levels for IPP/2.0 spec at IPP WG teleconferences and on mailing list
- Proposal (Ira) - Update IPP PSX working draft (7 November 2006) - start IPP WG last call in January - start PWG Last Call in February to span next PWG F2F (16-18 February 2009) - no objections
- **ACTION**  
Ira McDonald - Update IPP PSX spec - add Printer MIB and CIM Printer classes coherence/interworking rationale and current PWG boilerplate - Target January 2009

## IPP/2.0 Review and Discussion

- Current Status (Shah) - Editorial content complete - see IPP PSX above and discussions below  
<ftp://ftp.pwg.org/pub/pwg/ipp/ippv2-wd/wd-ipp20-20081118.pdf>
- Prototypes (Ira) - Multiple prototypes (or shipping implementations) of IPP/2.0 (Workgroup Printing) and IPP/2.1 (Enterprise Printing)
- Prototypes (Ira) - Unknown status for IPP/2.2 (Production Printing)
- **ACTION**  
Paul Tykodi and Pete Zehler - Forward IPP/2.2 list of operations and attributes to Production Printing domain experts for detailed feedback and to determine if implementations already exist - Target February 2009
- Proposal (Shah) - Update IPP/2.0 spec to remove IPP/2.2 content and start IPP WG last call in January - start PWG Last Call in February to span next PWG F2F (16-18 February 2009) - no objections
- Proposal (Ira) - Hold IPP/2.2 content for completion of IPP Production Printing Set2 - no objections
- Proposal (Jerry) - Revise IPP/2.0 CS first edition in the future to include IPP/2.2 conformance level in second edition - no objections
- **ACTION**  
Ira McDonald and Mike Sweet - Update IPP/2.0 spec to remove IPP/2.2 and content (for now), add IPP PSX, add references to JDF/1.5 and JDF/IDP Conformance Profile, add JDF coherence/interworking rationale - Target February 2009 PWG Last Call
- Discussion (All) - Level of interest from printer vendors - Is IPP/2.0 viewed as a market advantage or a benefit to future sales?

## IPP Production Printing Set2 (PP Set2)

- Current Status (Ira and Pete) - Incomplete (4 issues) working draft of IPP Production Printing Set2 (21 August 2002)  
[ftp://ftp.pwg.org/pub/pwg/ipp/new\\_PPE/pwg-ipp-prod-print-set2-draft-v0\\_92-020821.pdf](ftp://ftp.pwg.org/pub/pwg/ipp/new_PPE/pwg-ipp-prod-print-set2-draft-v0_92-020821.pdf)
- Discussion (All) - Important content for IPP/2.2 - higher fidelity gateways with JDF (for example)
- **ACTION**  
Pete Zehler and Ira McDonald - Complete working draft of IPP Production Printing Set2 spec - Target April 2009 PWG Last Call

## Other Topics

- Required Document Formats (Mike and Paul) - Should we required at least one of a small set of document formats? - no support expressed by others - Glen Petrie expressed concerns about impact on embedded systems (for IPP/2.0 conformance level)
- IPP Implementors Guide (Paul) - Should we update IETF RFC 2639 (Informational) to mention IPP/2.0 and PWG IPP extensions? - Mike and Paul offered to help with such an effort

## Action Items

- Ira McDonald - Update IPP PSX spec - add Printer MIB and CIM Printer classes coherence/interworking rationale and current PWG boilerplate - Target January 2009
- Paul Tykodi and Pete Zehler - Forward IPP/2.2 list of operations and attributes to Production Printing domain experts for detailed feedback and to determine if implementations already exist - Target February 2009
- Ira McDonald and Mike Sweet - Update IPP/2.0 spec to remove IPP/2.2 and content (for now), add IPP PSX, add references to JDF/1.5 and JDF/IDP Conformance Profile, add JDF coherence/interworking rationale - Target February 2009 PWG Last Call
- Pete Zehler and Ira McDonald - Complete working draft of IPP Production Printing Set2 spec - Target April 2009 PWG Last Call

## Next IPP WG Meetings

- Monday 15 December 2008 4pm EST
- Monday 12 January 2008 4pm EST