



The Printer Working Group

Semantic Model Working Group

Thursday, Feb 6, 2014

Irvine, CA

Daniel Manchala (Xerox)



SM Meeting Agenda (Thu, Feb 6)

Session (9:00-12:00 PM & 1:00 – 5:00 PM PT)

- Discussion of the mapping documents
- Status of current specifications and schema
- Discussion of CIP4 mapping (9:30 – 10:30 AM PT) & More mapping including CIP4 overflow (10:45 – 12:00)
- Discussion of SystemControlDefault object, constraints and resolvers (1:00 PM)
- CWMP Printer Data Model (Standards track paper by Ira & Nancy)
- SM 3.0
 - Create SM3 schema (version 2.900).
 - Publish the LiquidXML project files.
 - Validate SM3 schema with code generators viz. gSoap, .NET, etc
 - Schema validators: XML-copy editor, W3C on line tool, LiquidXML, Altova XMLspy
 - Generate the HTML versions of the Schema.
- Review plan for working SM3 document.
- Agenda for the various call-in meetings.



Semantic Model Meeting Logistics

- The documents and schema used are available from the SM page <http://www.pwg.org/sm3>
 - The home page should be fixed. It now points to mfd/index.html
- The phone bridge and WebEx will be the same as used throughout the meeting
- Officers
 - Daniel Manchala (Xerox) – Chair
 - Paul Tykodi (TCS) – Vice Chair
 - Secretary (need to fill this position)



Approved Documents

Print Service: *Approved January 2004*

- PWG5105.1:
PWG Semantic Model Specification Version 1.00
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm10-20040120-5105.1.pdf>

Scan Service: *Approved April 2009*

- PWG5108.02-2009:
Network Scan Service Semantic Model and Service Interface Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-scan10-20090410-5108.02.pdf>

Resource Service: *Approved July 2009*

- PWG5108.03-2009:
Network Resource Service Semantic Model and Service Interface Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-resource10-20090703-5108.03.pdf>



Approved Documents

MFD Common Semantics: *Approved April 2011*

- PWG5108.01-2011:
MFD Model and Common Semantics Version 1.00
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-mfdmodel10-20110415-5108.1.pdf>

Copy Service: *Approved June 2011*

- PWG5108.04-2011:
Copy Service Semantic Model and Service Interface Version 1.00
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-copy10-20110610-5108.04.pdf>

MFD Requirements: *Approved September 2010*

- Multifunction Device Service Model Requirements
- <ftp://ftp.pwg.org/pub/pwg/informational/req-mfdreq10-20100901.pdf>



Approved Documents

FaxOut Service : *Approved August 2011*

- PWG 5108.05-2011:
FaxOut Service Semantic Model and Service Interface Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-faxout10-20110809-5108.05.pdf>

System Control Service: *Approved February 2012*

- PWG 5108.06-2011:
System Object and System Control Service Semantics Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-system10-20120217-5108.06.pdf>

Print Job Ticket: *Approved August 2012*

- PWG 5108.07-2012:
PWG Print Job Ticket and Associated Capabilities Version 1.0
- <ftp://ftp.pwg.org/pub/pwg/candidates/cs-sm20-pjt10-20120813-5108.07.pdf>



Active Documents

Mapping Related Standards

Mapping Related Standards to PWG PJT v1.0

Semantic Model 3.0

Review the SM 3.0 sections 1-3
Add Transform Use Cases.

Imaging Job Ticket Model

Generalize PWG PJT v1.0 for Multifunction

CWMP Printer Data Model



Schema Status

- Named version (v1.180) published for Print Job Ticket and Associated Capabilities
- Latest (v2.900) Up to date with In Progress specifications
 - Cloud Print extensions (WIP – WSDL operations needs update)



Potential Projects

- Projects planned to be addressed after the current activities are complete. (Subject to volunteers to be Editors)
 - Resource Service -- ?
 - Mapping Standard v2.0 (AFP: MODCA, IPDS)
 - Service Integration with Workflow Environments v1.0



Next Steps

- Continue SM 3.0 work.



More Info/How to participate

- **We welcome more participation from member companies**
- **The group maintains a Web Page for Semantic Model that includes links to the latest documents, schema and a browse-able version of the schema at <http://www.pwg.org/sm3>**
- **Next meeting – Feb 17, 2014; 11:00 – 12:00 PT.**

Call-in toll-free number (US/Canada): 1-866-469-3239

Call-in toll number (US/Canada): 1-650-429-3300

Call-in toll number (US/Canada): 1-408-856-9570

<https://ieee-isto.webex.com/ieee-isto>



More Info/How to participate

- **Information on subscribing to the Semantic Model mailing list is available at**
<<https://www.pwg.org/mailman/listinfo/sm3>>
- **SM holds periodic phone conferences, with dates, call numbers and agenda announced on the SM3 mail list.**