
Semantic Model Working Group Agenda

May 16, 2013
Cupertino, CA
PWG F2F Meeting

Daniel Manchala (Xerox)

SM Meeting Agenda (Thu)



Session (1:00-5:00 PM PST)

- Status of current specifications and schema
- Charter: What specifications needs to be done (Paul Tykodi)
- Discuss Cloud Imaging extensions to PWG Semantic Model Schema
- Mapping: Page by page review – Section 4, Version 1. MSPS/XPS mapping to Print Job Ticket (Paul Tykodi)
- Fax-Out: Synchronize SM 2.0 with Fax-Out Service 1.0.
 - Release an addendum or errata
- Review of Transform Service specification
<<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdtransformmodel01-20120807-rev.pdf>>
- Workflow Orchestration Services.
 - Submit a multi-function job to a SM 2.0 Orchestrator
- Fax-In: Quick review (Ira McDonald)

Semantic Model Meeting Logistics



- The documents and schema used are available from the SM page <<http://www.pwg.org/mfd>>
- The phone bridge and WebEx will be the same as used throughout the meeting

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>

In Progress Documents



Transform Service

Semantic Model and Service Interface – August 7, 2012 Interim Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdtransformmodel01-20120807.pdf>

FaxIn Service

Semantic Model and Service Interface – December 6, 2012 Interim Draft

<ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdfaxinmodel10-20121201.pdf>

Mapping Related Standards

Mapping Related Standards to/from PWG PJT v1.0

Semantic Model / MFD Charter

Revise the Semantic Model/MFD charter

Schema Status



- Named version (v1.180) published for Print Job Ticket and Associated Capabilities
- Latest (v1.185) Up to date with In Progress specifications
 - Transform Service (mostly complete for 1.0)
 - FaxIn Service (up to date)
 - FaxOut Service (up to date)
 - Cloud Print extensions (WIP – WSDL operations needs update)

Remaining Services



- Services planned to be addressed after the current Service is complete. (Subject to volunteers to be Editors)
 - EmailIn Service
 - EmailOut Service
 - Scan, FaxIn, FaxOut, Copy(?) Services (update)
 - Print Service v2.0
 - Transform Service v2.0
 - Service Integration with Workflow Environments v1.0
 - Semantic Model v2.0
 - Mapping Standard v2.0 (DMTF-CIM, AFP & MODCA)

Next Steps



- Appoint Secretary of Semantic Model Working Group
- Discuss Version 2 of Mapping Document.
- Complete Last Call and Formal Vote on
 - Transform Service: Semantic Model and Service Interface
 - FaxIn Service: Semantic Model and Service Interface
- Continue Cloud Mapping activity
- Web Services binding of Cloud Imaging Model
 - Maybe as part of Print Service v2.0
- Update the MFD Model and Common Semantics Version 1.0 to be the PWG Semantic Model Specification Version 2.0

Mapping 2.0



- Paul Tykodi to present the document
- AFP and MO:DCA

Semantic Model 2.0



- Approach
 - Start with the MFD model 1.0 and make changes or afresh
 - Need to include schema as they appear on web site?
 - One single doc or multiple docs – one per service?
- With MFD 1.0
 - May need to deprecate some unused or superseded attributes
 - Add new attributes
 - Any issues with taking this approach?
- With start afresh
 - What do we need to include?
 - Service model, job model, theory of operation, etc.
 - Any issues with taking this approach?

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 browsable version of the schema**

<http://www.pwg.org/mfd>

More Info/How to participate



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

SM Meeting Agenda (Tue)



- Next Steps
 - Update specification
 - Schema updates
 - Prototyping