Semantic Model WG Minutes
August 8, 2013

Meeting was called to order at approximately 9:00am PT August 8, 2013.

Attendees

Carmen Aubry (Oce/Canon - call in)
Nancy Chen (call in)
Gyaneshwar Gupta (Oki Tokyo)
Daniel Manchala (Xerox)
Ira McDonald (High North - call in)
Matsutoshi MURATA (Oki Data)
Joe Murdock (Sharp)
Mike Sweet (Apple - call in)
Paul Tykodi (TCS - call in)
William Wagner (TIC)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
   a. Policy accepted with Mike taking the minutes
2. Slides
   a. ftp://ftp.pwg.org/pub/pwg/mfd/minutes/Semantic-Model-Aug_13.pdf
3. Charter
   a. ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-sm30-charter-20130808.docx
   b. Status: Interim
   c. Add Michael Sweet and Peter Zehler as editors
   d. Confusion about Semantic Model
      - Just one model - separate specifications make people think there are different models/semantics for different services
      - But this isn't needed in the charter
   e. Workflow:
      - Are we including workflow?
         - Pete used the term "Orchestration" as the glue to existing workflow languages/solutions
         - Change to orchestration and include short definition of what we mean by it.
   f. Delete 56-66, simplify:
      - MFD has been combined with the SM WG.
   g. "The PWG Semantic Model versions are as follows:"
   h. 2.0: "Expansion of the Semantic Model to include all of the …" (no mention of MFD)
   i. 3.0: Drop the first sentence.

     j.   Instead of listing specifications, list "developing specifications for the following topics"

     k.   Filenames: switch to "sm" prefix, drop "model" from names
- Action: Mike to alias mfd to sm for mailing lists, and web site, new sm3 FTP directory

     l.   Don't list specific imaging services to SM 3.0 description, drop last two sentences in description

     m.   Drop "=" from CWMP printer data model

     n.   "Service Integration …" => "Semantic Model Orchestration 1.0"

     o.   Possible Other service
- PWG Imaging Job Ticket
- Resource Service

     p.   Drop "purpose is to" from descriptions

     q.   Drop OOS-1

     r.   Imaging Systems instead of MFDs

     s.   Drop line 138 (file format list)

     t.   OOS-3: Do not define any new workflow or orchestration languages.

     u.   OBJ-1: Drop list of services, management requirements, use cases, and an architectural model for Semantic Model 3.0.

     v.   Drop OBJ-2

     w.   OBJ-3: "management objects" -> "Semantic Model 3.0 objects", "supported management protocol" => "supported network protocol".

     x.   Drop OBJ-4

     y.   OBJ-5: "Define a companion set of XML Schema and WSDL files for the Semantic Model 3.0."

     z.   Drop OBJ-6

     a.   Add OBJ-4 for mapping: "Define a set of mappings from related standards to the PWG Imaging Job Ticket."

     b.   Add OBJ-5 for management protocols: "Define one or more mappings to other standard management protocols or data models (e.g., CWMP Printer)"

     c.   Drop: Transform-1, SM3-1, CWMPPRINT-1

     d.   PJTMAPv1-2, PJTMAPv2-1/-2

     e.   Workflow-1 should be Orchestration-1, fix name to PWG Semantic Model Orchestration 1.0

     f.   Add Resource-1 (Resource Service v2.0), JobTicket-1 (Imaging Job Ticket v3.0)

     g.   INTEROP-1: Q3 and Q4

     h.   Drop INTEROP-2

4.   W3C Workshop

     a.   http://www.w3.org/2012/12/global-publisher/

     b.   Position paper:
- ftp://ftp.pwg.org/pub/pwg/general/proposals/w3c-publishing-august-2013.pdf
- Doesn't talk about stapling and binding (specific finishings)

     c.   Won't know if we need to present until August 15, 2013

     d.   Whoever represents the PWG needs to represent the PWG as a whole

e. Existing work:
  - CSS-Print: http://www.w3.org/TR/css-print/
  - XHTML-Print: http://www.w3.org/TR/xhtml-print/
  - CSS3 Paged Media (stalled): http://www.w3.org/TR/css3-page/
f. PWG Goals
  - CSS properties to PWG PJT?
  - Or PWG PJT as core job ticket format, with mappings to others?
  - Do we want to do HTML5 Print or CSS3 Print specs in the PWG?
g. What the W3C wants:
  - Books, print-on-demand, invoices, reports, etc.
  - Color management, image replacement
  - "Light production printing"
  - ink control? Maybe selecting ink sets, or do they mean ink limiting?
  - What about proofing?
  - Not just printing any old web page
  - Might do a short-term goal of printing PDF in browser view
  - Also full applications running in the browser
h. Strategy:
  - Provide list of key elements to express user intent with mapping to PJT or other job ticket formats
    - CSS properties corresponding to Print Job Ticket elements
  - Ultimately an improvement/extension/update of existing CSS Print
  - Reflects the PWG Semantic Model, which is used by all existing printers
  - Bring up proofing as well - both on-screen and on lower-cost equipment
i. W3C conference call tentatively August 15, 2013 at 2pm ET
5. SM 3.0 Next Steps
  a. Identify tool: LiquidXML?
    - and get a PWG license for it that editors can use
  b. Identify editors of each section
  c. Copy will remain as a separate service
  d. Resolve AddHardcopyDocument issues
    - Will be discussed in the afternoon IPP session

Next Steps / Open Actions

- W3C conference call tentatively August 15, 2013 at 2pm ET
- Next SM conference call is August 26, 2013 at 2pm ET
- Action: Mike to alias mfd to sm for mailing lists, and web site, new sm3 FTP directory