

Semantic Model Workgroup Meeting Minutes November 3, 2015

The Semantic Model Workgroup Webex Virtual Face-to-Face Meeting was called to order at 11:15am EST November 3, 2015.

1) Administrivia and Introduction

a) **Slides:** http://ftp.pwg.org/pub/pwg/sm3/slides/Semantic-Model-Nov_15-meeting.pdf

b) **Paul Tykodi (vice chair) officiated.**

c) Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Mike Sweet (Apple)
Paul Tykodi (TCS)
William Wagner (TIC)
Rick Yardumian (Canon)

d) **Paul gave a brief review of the origin of the SM workgroup and the specific scope of the workgroup as defined in the current proposed charter. One more vote is needed to meet quorum for PWG approval of the charter. The provisions of this charter are:**

- i) The advance of the CIP4 JDF to PWG PJT mapping document will continue to be supported through prototype and vote.**
- ii) Maintenance and update of the PWG Semantic Model to reflect related developments by other PWG workgroups will continue. Defining Imaging System Elements and Operations independent of binding, remains useful.**
- iii) Work on all other projects is suspended.**

e) Rationale and Prospects

- i) Defining Imaging System Elements and Operations, independent of binding, remains useful in preserving PWG Imaging concepts.**
- ii) There is interest in expanding model to reflect 3D Printing capabilities being developed in IPP.**
- iii) W3C- Digital Publishing initiative has evolved into dealing with general semantics and tickets; there is an open invitation from CSS workgroup for PWG to provide proposals**

- iv) AFP consortium- some members considering pushing format though IPP

2) Discussion of 3D Printing Aspects

- a) There has been some contact with the 3MF Consortium (<http://3mf.io/>), including the notion of a Job Ticket.
- b) In considering whether the 3D Printing model should be separate from the existing Imaging model (although based upon it), it was suggested that 3D Printing is best included within the current mode, treating it as a Service. There would need to be additional subunits added to the System model.
- c) There are devices including 3D Printing and Scanning functions, parallel to 2D Multifunction devices.
- d) The current Transform Service would be appropriate to perform 3D Printing data processing functions (slicing) for devices without sufficient memory or power to accept input in an Object Description Language.
- e) Including 3D Printing in the Semantic Model should not be treated as an SM Project, but just part of the scope in the proposed new charter of updating the model to reflect developments in other PWG workgroups.

3) CIP4 JDF to PWG PJT mapping document

- a) Document is at 'prototype' level, awaiting notice of prototype before it can advance to Stable level, last call and vote.
- b) Rainer Prosi (Heidelberg, CIP4 CTO) has indicated that he may be able to provide a set of JDF examples to be used to prototype the JDF mapping specification. Ira will check with him.*
- c) Paul will contact PWG members possibly interested in doing the prototype once these examples are available and the prototype task can be scoped.*

4) Maintaining and Advancing the Semantic Model Schema

- a) The proposed SM Charter requires that the workgroup maintain the Semantic Model, but without linking schema releases to a specification. This requires:
 - i) Reliable resources and procedures to maintain and update the schema at a code level.
 - ii) A method by which named releases can be reviewed and approved by the PWG membership.

b) Suggestions for Maintenance and Update of the Schema

- i) A repository be created on GitHub to store, make accessible and track working versions of the schema code.**
 - ii) A person be assigned responsibility for having the code reflect changes agreed to by the workgroup. That responsible person is to be supported by other volunteers with the tools (possibly provided by the PWG) and access to the code and/or by professional help funded by the PWG.**
 - iii) Working level code be firmed up for a named release either periodically and/or after the completion of certain update tasks.**
 - iv) Proposed named releases be made generally reviewable without special tools (HTTP versions) and submitted to the PWG membership for review using the PWG Process-defined "Call for Objections" procedure.**
- c) The Semantic Model Workgroup is to consider these suggestions and other possible approaches and develop a process for maintaining the Semantic Model documentation. The proposed method of gaining PWG approval of releases and requests for PWG funding (for tools and/or professional support), if any, will be submitted to the PWG Steering Committee for approval.***

5) Next Steps and Action Items

a) Next Semantic Model Workgroup conference call will be at 3PM EST November 30.

b) Action Items:

- i) Ira to contact with Rainer Prosi (Heidelberg, CIP4 CTO) with respect to his providing a set of JDF examples to be used to prototype the JDF mapping specification.**
- ii) Paul to contact PWG members possibly interested in doing the prototype once these examples are available and the prototype task can be scoped.**
- iii) The Semantic Model Workgroup to develop a process for maintaining the Semantic Model documentation and submit the proposed method of PWG approval of releases and requests for PWG funding (for tools and/or professional support), if any, to the PWG Steering Committee for approval.**

Meeting was adjourned at 12:30 EST.

Submitted by Bill Wagner 4 Nov 2015