

# PWG WIMS CIM Alignment

## Conference Call Minutes

### December 14, 2006

Meeting was called to order at approximately 2 p.m. EDT November 14, 2006.

### Attendees

Bill Wagner	TIC
Ira McDonald	High North
Rick Landau	Dell
Harry Lewis	IBM
Craig Whittle	Sharp

### General Discussion

- Minutes from the last teleconference were accepted. See [ftp://ftp.pwg.org/pub/pwg/wims/minutes/cim\\_061116.pdf](ftp://ftp.pwg.org/pub/pwg/wims/minutes/cim_061116.pdf)
- Rick reviewed the meeting notes from the teleconference with CIM Core. The discussion / recommendations follow:
  - CIM Core suggested simplifying document.
  - Get rid of table headers (associate with parent class directly)
  - ConcreteComponent is the new containment class
  - CIM Core liked the inheritance diagram
  - Basic idea approved by CIM Core
- Reviewed Rick's latest class diagram: [ftp://ftp.pwg.org/pub/pwg/wims/cim/Visio-Printer\\_05.pdf](ftp://ftp.pwg.org/pub/pwg/wims/cim/Visio-Printer_05.pdf)
- Reviewed Rick's last posted Print Class Groupings [ftp://ftp.pwg.org/pub/pwg/wims/cim/td\\_PrintClassGroupings\\_v06\\_20061117.pdf](ftp://ftp.pwg.org/pub/pwg/wims/cim/td_PrintClassGroupings_v06_20061117.pdf)
  - Need to add setting data class
  - Need to fix the mapping strings (multiple objects referenced) and model correspondence need additional editing (algorithmically defined). Other "defaults" also need review.
  - The settings class (PrinterSettingData) needs to be created.

- New tool available for “diff’ing” CIM MOFs.
- There was some concern from Ira if the accepted printer CRs have incorporated in the latest MOF.
- Rules for editing CR’s less strict because of “MOF pretty” utility run by MOF editors. Editors have requested that line lengths be less than 80 characters.
- The WS-CIM specification defines rules for automatic translation of MOF to XML Schema which can be used by Web Services. Filter rules may limit how the PWG Semantic Model is carried through the process (by the intermediate language limitations and filters).
- Ira has a MIB to MOF tool (one pass translator) that is still in the works. He is experiencing problems with large textual conventions and enumerated data types.
  - Rick suggested focusing on smaller parts of the MIB combining these parts into a multi-pass translator with intermediate files.
  - Ira suggested that the tool he is developing might be ready late January.
  - Rick agreed write the next CRs
- Ira suggested that a SMI to MOF tool (from Microsoft?) might be used in automating MIB to MOF translation (one to one mapping).
- The target date for next set of CRs has moved from March to April
- Consideration of IPP also slips into February
- SMI dump / SMI link are good tools for manipulating / translating MIBs and XML schema.
- Ira introduced SBLIME (developed by IBM -- open source) which contains CIM providers. “Printers” is on the “short list” for development. This could be a second implementation to advance the specification to standard.
- Ira indicated that there seems to be a growing desire in OSDL to address printing

### **Next Steps / Open Actions:**

- Rick will get MOF pretty program and send it to Ira.
- Next teleconference is scheduled for 1/11/07.