PWG WIMS _CIM Alignment_
Conference Call Minutes
August 4, 2005

Craig Whittle – PWG WIMS/CIM Co-chair

PWG-CIM Alignment

Meeting was called to order by Bill Wagner – PWG WIMS w/g Chairman at approximately 2 p.m. EDT. August 4, 2005.

Attendees

Rick Landau	Dell
Harry Lewis	IBM
Ira McDonald	High North
Craig Whittle	Sharp
Bill Wagner	Bill Wagner
Pete Zehler	Xerox

General Discussion

- Harry sent an e-mail to John Crandall inviting him to participate in the WIMS/CIM activities and make any changes to the stated directions in the e-mail.   John has not yet responded. Harry to send a follow-up e-mail.

- Ira posted an initial (partial) draft for the PWG CIM Printing Refresh document (see ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscimprint10-20050804.htm). A cursory review of the document was held during the teleconference focusing on the summary of changes found in section 1.1. Many of the proposed edits were to correct bad references.

Document Discussion:

- The mapping to existing objects defined in the Print MIBv2, IPP, and the Semantic Model to the CIM properties was discussed.   These include:

  o TimeOfLastReset (a mapping to sysUpTime is possible). This property is a string, but required to be in CIM "datetime" format, which does comply with ISO 8601 (e.g., 19980525133015.0000000-300)

- JobCountSinceLastReset (this persistent property may only map to an object in the Counter MIB).

- A proposal was made to deprecate enum 'MIME47' because it conflicts with the IANA registered values: LanguagesSupported[], MimeTypesSupported[]. This must be resolved in all printing classes.

- The consensus was to depreciate "CurrentXxxx" properties since the use case is unclear (e.g., not useful with device with complex paper path).and job actuals may not be available.

- CurrentLanguage and CurrentNaturalLanguage usage string constants can be defined in UCS-2 (this is depreciated). The specification should reference UTF-8/16 instead.

- Many objects map to printer object in IPP. MOF has inter-mixing usage of device and service properties.

- Can we contact the original editors (change request authors) to learn original intent of the definitions in the MOF? Was this done with Andrea (IBM)?

- The lower half of the list in Section 1.1 contains properties that map to attributes of the printer object in IPP. There are no technical issues.

- MarkingTechnology is up-to-date with printer MIBv2.

- 12 of groups in the MOF refer to printing. Are there any ramifications to the other groups/classes? Ira indicated that his document includes all MOF printing classes. Tools may not reflect the ordering of all printing classes within MOF.

- Should we break up capabilities (DefaultCapabilities, CurrentCapabilities) to many elements? The properties are hard to update and difficult to map (at least 5 objects in IPP and MIB). These should be deprecated and replaced with existing objects in the PWG Semantic Model. Easier to maintain if in separate vectors.

- Steve German (HP) made the last change request (April 2005). He added the reference to MIME47. This a link to languages supported. Harry Lewis sent e-mail to Steve German to see if there is interested in WIMS/CIM working group participation.

- We need a draft (high-level) document to present to John Crandall for review / acceptance.

Next Steps

- Bill made a call for volunteers to review Ira's **<u>PWG CIM Printing Refresh v1.0</u>** document. Working group member were encouraged to review the document before the next teleconference.

- Future Topic: Do we do to update the Semantic Model to reflect the WIMS/CIM changes? How do we represent both physical and logical printer objects?

- Ira will try and get another spin of his document before next week's meeting.

- Teleconference scheduled for next week.