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**

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rick Landau</td>
<td>Dell</td>
</tr>
<tr>
<td>Harry Lewis</td>
<td>IBM</td>
</tr>
<tr>
<td>Ira McDonald</td>
<td>High North</td>
</tr>
<tr>
<td>Craig Whittle</td>
<td>Sharp</td>
</tr>
<tr>
<td>Bill Wagner</td>
<td>Bill Wagner</td>
</tr>
<tr>
<td>Pete Zehler</td>
<td>Xerox</td>
</tr>
</tbody>
</table>

**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:

  - 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 **PWG CIM Printing Refresh v1.0** 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.