PWG WIMS *CIM Alignment*
Lexington Face-to-Face Minutes
October 27, 2006

Craig Whittle – PWG WIMS/CIM Co-chair

Meeting was called to order at approximately 9 a.m. PDT October 27, 2006 by Bill Wagner.

Attendees

Bill Wagner	TIC
Ira McDonald	High North
Rick Landau	Dell
Pete Zehler	Xerox
Harry Lewis	IBM
Lee Farrell	Canon
Ron Bergman	Ricoh
Jerry Thasher	Lexmark
MPI Tech	Ole Skov
Mike Fenerlan	Microsoft
Chris Story	Ricoh
Glen Petrie	Epson
Joseph Spillner	KDE

General Discussion

- Bill presented
  ftp://ftp.pwg.org/pub/pwg/wims/cim/CIM_Presentation_October_2006.ppt

- Rick presented ftp://ftp.pwg.org/pub/pwg/wims/cim/PWGqtly200610_WIMS-CIM_status.pdf

- Rick pointed out that the CIM_Printer will go out on CIMv2.13.1. The remaining CRs already submitted with go into CIM_Printer 2.14 December or January.

- Rick planning to do a prototype a CIM provider that embodies the new Printer device classes (maps hardware [translator] between an object manager or writer and the low-level software drivers; a proxy implementation to serve as a test bed.

- Ira to add a supporting document to the remaining CRs.

- Rick presented sample CRs for the group to see.

- Need to fix vertical and horizontal resolution descriptions in CIM_Printer.mof.

- Rick showed some of features of the flat class browser tool.

- The spreadsheet showing SNMP objects to bring over to CIM was presented. See ftp://ftp.pwg.org/pub/pwg/wims/cim/PrinterMibObjectsToAdd_conclusions_20060921_F.xls

- Rick's explained the rationale for the selection criteria for the objects selected for CIM.

  - There was some discussion on the importance of including production printer in the rationale. The consensus was that the CIM objects used in the definition of a shared office printer would also apply to production printers. If there is an operator monitoring the device, typically there is no remote management.

  - Finisher MIB objects need to be considered in the future (future CR).

- Ira explained the use of indices and how they will be mapped to unique ID's in the MOF.

- Pete indicated that his experience is that MOF and the XML encoding of the MOF are difficult to use

- Ira explained the use of profiles as a possible way of addressing production profiles

- Rick explained how tables are implemented in CIM. There are (2*n+1) objects needed to represent a table containing (n) rows. See ftp://ftp.pwg.org/pub/pwg/wims/cim/td_PrintClassGroupings_v04_20061019.xls

- Pete asked if max capacity is mutable, for example, if it changes when the weight of the paper changes. The consensus of the group was that max capacity does not change in response to the media loaded. It is a declaration by the vendor about the size (capacity) of the tray; it is not

a value that is sensed by the printer. If a capability can be changed then it is a setting. This drives the CIM classes are used

- Record log type is likely to be used for the Alerts group.

- Chris expressed a desire to have support for for graphic displays (icons, etc) in the Printer MIB—a future PWG Printer Extension MIB could be written..

- Bill led discussion on how devices would be managed using Web services. He expressed his concern on the lack of industry participation in the WIMS-CIM working group.

   o The group bemoaned again the lack of enthusiasm of the industry at large to develop comprehensive management standards for multi-function devices. (This was a long discussion and, if recorded and published, might maybe perhaps evoke a response from interested parties.)

- Scripted workflow is a standards opportunity but the timing is critical