PWG WIMS CIM Alignment
Lexington Face-to-Face Minutes
October 21, 2008

Craig Whittle – PWG WIMS/CIM Co-chair

Attendees

Bill Wagner	TIC
Rick Landau	Dell
Pete Zehler	Xerox
Ira McDonald	High North
Lee Farrell	Canon
Ron Bergman	Ricoh
Jerry Thasher	Lexmark
Nancy Chen	Okidata
Dave Whitehead	Lexmark
Glen Petrie	Epson
Shah Bhatti	Samsung
Craig Whittle	Sharp
Ole Skov	MPI Tech
Greg Gillmore	366 Software
Andre Savov	Toshiba

General Discussion

- ❖ Introductions made, patent policy reviewed
- ❖ Working group slides presented by Bill (see ftp://ftp.pwg.org/pub/pwg/general/presentations/WIMS_WG_Meeting_Oct_08.pdf)
  - o Current activities presented
  - o Management stack shown
  - o Future directions
    - ▪ Standardization of model important
    - ▪ Finding vertical applications to "prime the pump" is an obstacle to adoption of WIMS-CIM experimental standards
    - ▪ Finding the "right" use case may help the effort. Microsoft has expressed a desire to manage power usage in devices
    - ▪ Drivers now use printer MIB (e.g., Microsoft)

- Counter MIB may be attractive to OS vendors
  - Enterprise class management could use standardized counters
- Most standards have a lag time. It will take time for the PWG semantic model to become adopted in working protocols and applications
- Expand management for MFDs (beyond printing)?
  - This effort should wait until existing PWG semantics are manifest in manufactures' equipment
  - What about starting with an MFD MIB? If we go with this approach, we should create a mapping from the MFD subunit definitions already in place by the MFD working group
  - Microsoft is also moving away from using MIB
- CIM technical committee needs to approve new directions in CIM. They may reject new MFD directions without additional implementations of the recent printer related CIM classes
- Do we combine all management activities under a re-chartered WIMS working group or have the MIB WG go dormant?
  - More discussion is needed in the PWG Steering Committee
- Ira is aligning Printer Service elements with mandatory elements in IPPv2 and is creating MOFs based on these
  - Print service will have just a few descriptive attributes with two daughter classes proposed
    - CIM_PrintServiceCapabilities (IPP xxx-supported)
    - CIM_PrintServiceSettings (IPP xxx-default)
    - These are being done together so they are correlated. These should be done in the next ~60 days
  - Rick indicated that CIM Core has allowed some properties to remain experimental with the classes moving from experimental from standard
  - There shouldn't be any conflicts with the work that Pete has done with the PWG semantic model
- CIM Provider concept presented by Rick Landau (see ftp://ftp.pwg.org/pub/pwg/wims/cim/PWG-F2F-200810-WIMS-CIM-WG-session-02.pdf)
  - Rick is not building a management application
  - Printer class diagram shared (Visio_Printer_15.pdf)

- PrinterComponent should be changed to ConcreteComponent for PrinterInterlock (need to revise the Visio diagram)
- Diagrams need to be updated with the release of 2.20
- Rick emphasized that it is a prototype
- The "bins.ini" and "calcvalues.py" files were reviewed by Rick

Next Steps / Open Actions:

- Rick to change PrinterComponent to ConcreteComponent for PrinterInterlock (need to revise the Visio diagram)

- Next teleconference is scheduled for November 3rd