

PWG WIMS CIM Alignment Austin Face-to-Face Minutes December 12, 2007

Craig Whittle - PWG WIMS/CIM Co-chair

Attendees

Bill Wagner	TIC
Rick Landau	Dell
Pete Zehler	Xerox
Harry Lewis	IBM
Lee Farrell	Canon
Ron Bergman	Ricoh
Jerry Thasher	Lexmark
Ole Skov	MPI Tech
Mike Fenerlan	Microsoft
Glen Petrie	Epson
Nancy Chen	Okidata
Dave Whitehead	Lexmark
Erhan Soyer-Osman	Microsoft
Nick	

General Discussion

- Bill provided an updated on the activities of the WIMS-CIM WG (see ftp://ftp.pwg.org/pub/pwg/wims/white/WIMS_WG_Meeting_Dec_07%5B1%5D.pdf)
 - Bill lobbied for additional participation. The “best practices” document has been deferred. Having new participants will help with the follow-on efforts after printer/device CRs are completed.
 - Rick will be involved in the work through the “counters” work then shift his efforts to PDM. New people will be needed at that point.
 - Will the MFD counters be included in the MOF? Yes, all elements will be represented. Rick indicated that the naming, especially print-related names, should not conflict with names used for other (non-printing) imaging functions yet to be defined.

- Do we need to update the work registry with DMTF to reflect the work to be done after the printer/device work is completed?
- Rick presented his slide covering progress in WIM CIM. Changes to the slides since last presented New activities were marked in blue (see <ftp://ftp.pwg.org/pub/pwg/general/presentations/PWG-F2F-200712-WIMS-CIM-WG-session-01.pdf> [Rick to send new version of file to ftp site.]
 - Future management of services / devices may be centered on the model and definitions currently being done by the WIMS CIM WG.
 - PrintConsoleLight and PrintAlertLog were dropped.
 - The Visio diagrams (v14) were also presented to those in attendance (see ftp://pwg:c0deg0ld@ftp.pwg.org/pub/pwg/wims/cim/Visio-Printer_14.pdf)
 - Why was the parent class called Printer instead of MFD or Imaging? At the time the work was started the PWG did not have an MFD model. This will be reconsidered going forward.
 - If the future printing, scanning, and other imaging classes will fall under a ComputerSystem parent as a SystemDevice (see last Visio diagram).
 - Changes that need to be made to the diagrams:
 - Missing interlock in diagrams
 - Fix interpreter
 - The Change Request (CR) process has changed. Rick showed a sample CR. Private tags have been added to the CR which are parsed by a program and correlated with dependant classes. Validation program must be run before CR is submitted.
 - Are there tools to develop CRs? nvu and SeaMonkey are evolving.
 - Question: Does the model support continuous feed input. Yes.
 - Adding properties from PortMon MIB is being considered.
 - No new semantics being added.

- Total of about ~120 new elements.
- Models in CIM exist for Ethernet, parallel, USB. Bluetooth is underway. We should be able to leverage this work for printers.
- Rick also asked for addition reviewers on the class structures as they are submitted.
- Profile documents include instructions for required implementation. Best practices could be included in a profile document (eliminate the need for an additional document).
- Rick has done some testing of the tools he will use to prototype the CIM classes. An additional implementation is needed to move from experimental to final.
- Open WS-Manager / WBEM (Linux) or the Windows WS tools can access the classes in the object manager put there by Rick's prototype.
- The PWG wiki showing progress of the CRs was also presented.
- A MOF file was shown to the group by Rick.
- Model correspondence is used to show related classes
- The DMTF pages (done by Kavi) shown by Rick. Other big standards group use Kavi to maintain their Web pages.
- Should we leverage work done by PDM in the Printer base class to model a front panel? An array of strings will be added (text display only). Rick will see if there is any other work that can be leveraged.
- How important is the write capability? There is not requirement now to set attributes for management.