

PWG Plenary Status Report WIMS/CIM Working Group

February 7, 2008
Irvine, CA PWG F2F Meeting

Purpose of the effort



The WIMS working group is concerned with the management of imaging services and devices via the Web. The Objectives are:

- Continuing support and update of the protocols and specifications produced by the working group.
- Definition of new and the recasting of previously defined imaging device and service management elements into a web management compatible context.
- Continuing update and upgrade of the DMTF/CIM printing classes in anticipation of this forming the basis for imaging service and device management over the Web.
- Monitoring other standards activities relating to Web-base management of Imaging Systems

Work Items for the WG



- **What We're Doing**

- Prototype and prototype evaluation of the Imaging State & Counter MIB in preparation for submission to the PWG for elevation to Candidate Standard
- Continuing Update of DMTF/CIM Printing MOFs, as part of the work register agreement between the PWG and the DMTF and with the objective of ensuring printing management via a Web Services approach using CIM
- Providing information to include a management perspective in the Semantic Model effort.

- **What We're NOT Doing**

- We are no longer defining a Imaging management service or protocol.
- We are not involved in the extension or updating of Imaging Management protocols or protocols used for management, such as the Printer MIB over SNMP or the management aspects of IPP.
- The CIM Update effort seeks to include already defined management elements for inclusion in CIM, not to define new management elements.

Current Status:

Imaging State & Counter MIB



- Ira has run through the changes made to the document on the basis of the prototype effort and WIMS WG review.
- The Last Call period will end on 14 Feb. Comments will have been addressed as they are received.
- It is anticipated that the SC will approve putting the document up for ballot and that a formal approval process will be complete by mid March.
- PWG members may vote:
 - **YES** – MAY be accompanied by editorial comments
 - **ABSTAIN** – comments WILL NOT be considered
 - **NO** without Strong Opposition – MUST be accompanied by explanation of technical opposition
 - **NO** with Strong Opposition – MUST be accompanied by explanation of technical opposition
- If there are objections, I request that they be brought up in last call so that they can be efficiently dealt with.

Current Status:

CIM Printing Update effort



- The CIM Update effort with regard to “Printer” is just about done.
- Updates CRs for CIM_PrintMarker and CIM_Printer and were submitted to CIM Core on 31 January.
- Ira has completed the following MOFs. Corresponding CRs still need to be generated and submitted.
 - CIM_PrinterComponent.mof
 - CIM_PrinterElement.mof
 - CIM_PrintFinisher.mof
 - CIM_PrintSupply.mof
 - CIM_PrintInputTray.mof
 - CIM_PrintOutputTray.mof

Current Status:

CIM Printing Update effort



- This completes the cleanup of the Print Device (CIM_Printer) and all of its components (CIM_Marker, etc.). The Printer MIB (RFC 3805) and Finisher MIB (RFC 3806) are now fully modeled in DMTF CIM classes.
- However, help is needed to create the final CRs. Some illustrative material is provided in:
ftp://ftp.pwg.org/pub/pwg/wims/cim/CIM_training_materials_01.doc

Next Steps



- With the CIM Printer Device update complete, prototyping of the MOFs will commence.
- The CIM updated effort will proceed to Alert Indications, and then Counters. This should be followed Print Service, Print Job, Print Queue, etc. As with CIM Printer, the objective will be to select the most necessary management elements from the various standard MIBs and IPP, not to create new elements.

More Info/How to participate



- **We welcome more participation from member companies**
 - ❖ Element Selection
 - ❖ MOF Evaluation/Proofing
 - ❖ Change Request Generation
- **The group maintains a Web Page and separate WIKI pages for WIMS and for CIM update**
 - <http://www.pwg.org/wims/index.html>
 - <http://pwg-wiki.wikispaces.com/WIMS>
 - <http://pwg-wiki.wikispaces.com/WIMS-CIM>
- **Subscribe to the WIMS mailing list by sending an e-mail to majordomo@pwg.org with a blank subject line and a message:**
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- **WIMS holds periodic phone conferences, with dates, call numbers and agenda on PWG Google Calendar.**
<http://www.google.com/calendar/embed?src=istopwg%40gmail.com>