

CIM Realignment

**Printer Working Group
Web-based Imaging Management
System Working Group
27 October 2006**

25 October, 2006

PWG WIMS Activity



Agenda

- Quick review of Project and Plan
- Acceptance of last con-call minutes
 - ftp://ftp.pwg.org/pub/pwg/wims/minutes/cim_061019.pdf
- Current Working Documents
 - **Printer MIB Objects extract and organize – Rick Landau**
- Migration to Web Services - Discussion

Personnel Recognition

- **Craig Whittle –**
 - **Co-Chair with specific responsibility for CIM Realignment project**
 - **Writer and originator of CIM CR**
- **Ira McDonald**
 - **Writer of “white Papers”**
 - **Developer of MIB ⇔ MOF program**
- **Rick Landau**
 - **Prime Motivator and Mover**
 - **Assembler of MIB information for transfer**
 - **Main Contact with DMTF/CIM**

CIM Realignment Phases 2 & 3

- To be done concurrently
 - Phase 2 - Fix definitions of ambiguous properties, deprecate non-interoperable properties; move properties to correct parent class
 - Phase 3 – Add needed management items that are available through printer management applications
 - Recently completed exhaustive review of elements in Printer MIB to be incorporated
 - Presently considering most effective mapping of MIB tables into CIM structure

Plan for Phases 2 & 3

- **Sequentially Address Existing Printer Management Structures, in the following order**
 - **Printer MIB**
 - **IPP Printer Elements**
 - **IPP Job Elements and Job MIB**
 - **Finisher MIB, perhaps aspects of HR MIB**

Plan for Phases 2 & 3

- **For Each of these Structures**
 - **Determine what management elements in this existing structure should be included in the CIM model**
 - **Determine if each element exists in the current model, and if so whether it is under the correct class**
 - **If it does not exist, add it at an appropriate place in the model**
 - **If it exists but is inappropriately located, deprecate it and add it at an appropriate place in the model**
 - **Create and Submit the necessary set of CR's to CIM**

Short Term Milestones

- Working on Elements from Printer MIB that have been selected for inclusion
 - **Early December 2006: Complete MIB to MOF tool to make conversion easier**
 - **Early March 2007: Change Requests Completed and submitted to PWG under Call for Objections**
 - **April 2007: Change Requests Submitted to CIM.**
- Consideration of IPP as a Printer Object Source will start in January and will proceed concurrent with documentation of Printer MIB elements

Current Working Documents

Rick Landau

- **Printer MIB objects to be included in new CIM PrinterDevice**
 - ftp://ftp.pwg.org/pub/pwg/wims/cim/PrinterMibObjectsToAdd_conclusions_20060921_F.xls
 - **Includes Rational for selecting objects**
 - **“voting” on desirability of inclusion**

Current Working Documents

Rick Landau

- What Repeating Groups in Printer MIB Become What Classes in CIM
 - ftp://ftp.pwg.org/pub/pwg/wims/cim/Printer_repeating_group_structures_into_CIM_02_20060925.doc
- Groupings of selected Printer Data Items into Classes
 - ftp://ftp.pwg.org/pub/pwg/wims/cim/td_PrintClassGroupings_v04_20061019.xls (or newer)
 - Diagram?

Migration to Web Services - Discussion

- Ira's Summary

- <ftp://ftp.pwg.org/pub/pwg/wims/cim/PWG-Web-Services-Mapping-of-Printer-MIB.pdf>

- Another route to ensure adequate, consistent imaging system modeling for Web Services, in addition to DMTF/CIM?