

Web-based Imaging Management Service WIMS Working Group

**Printer Working Group Plenary
April 2006**

3 April 2006

PWG WIMS Activity



WIMS WG Efforts

- **WIMS Protocol**
 - **For Remote Fleet management of Imaging Equipment**
- **Schema Supporting Management**
 - **Specific to WIMS Protocol**
 - **General Management Elements**
- **Definition of Management Elements**
 - **Standard for Imaging System Counters**
 - **Counter MIB**
 - **Schema for Printer MIB Management Elements**
- **DMTF/CIM-PWG Realignment**
 - **Ensuring up-to-date, adequate and correct printing data management model, consistent with Semantic Model**

WIMS WG Activities Status

- **WIMS Abstract Protocol Document**
 - Finished PWG Last Call in January
 - Revised for improved generality and scalability
 - In PWG Formal Vote process
- **Schema and WSDL**
 - Both WIMS normative Schema and associated SM elements schema finished last call
 - Demonstration WSDL 1.1 verifying schema with standard tools
 - Schema in PWG Formal Vote process
- **Standard for Imaging System Counters**
 - Approved as PWG Candidate Standard
 - Counter MIB implementation approved as PWG Informational Doc.
- **Other XML W3C Schema**
 - Printer MIB and Related MIB objects
 - Await consideration by SM WG, incorporation into Semantic Model

WIMS WG CIM Efforts

- **Activity divided into three phases**
 - **Phase 1 - Editorial corrections; mapping objects, additional enums**
 - **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**
- **Approach**
 - **Create “white paper” description of changes with explanations**
 - **Create formal DMTF Change Requests (CR) from white paper**
 - **Issue Call for Objections to alert PWG membership to changes**
 - **Submit CRs to DMTF/CIM**
 - **When all CR’s Approved by DMTF, update White Paper and submit to PWG as Informative Document**
- **Status**
 - **Phase 1 “Printer Class” white paper & CR in PWG Call for Objections**

WIMS WG CIM Status

- **Phase 1 Printer Class Changes**
 - “White Paper” in PWG for “Call for Objections”
 - DMTF Printer Class MOF “Change Request” complete, in Call for Objections
 - Consideration of Objections at CIM meeting
 - Pending Consideration of Objections, Phase 1 documents to be submitted to DMTF CIM Core
 - No Objections received as of 3 April
- **Phase 1 – Other Printing-Related Classes**
 - Objective to have “White Paper” out by May start.
 - “Change Requests” out by May end
 - Call for Objections before next Face to Face.

WIMS Protocol & Schema

- Spec in PWG Vote for Candidate Standard
 - <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimscount10-20060317.pdf>
- Schema
 - <ftp://ftp.pwg.org/pub/pwg/wims/schemas/wims-schemas-20060320.zip>
- Changes since Last Call resolution in January
 - **Scalability**
 - Commands provide for specifying “path” to target agent, allowing cascaded proxies
 - Editorial improvements
- Next Step – Protocol Bindings Document

WIMS Protocol Additions

