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WIMS CIM Update Project
Status

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WIMS CIM Update Project

- Alliance partnership between PWG and DMTF (Distributed Management Task Force), dmtf.org

- DMTF is a large industry consortium

  - Many CIM and CIM-related standards

  - Also recently SMASH, WS-Management

  - Numerous working groups with specific areas of concentration

    - Server, Desktop & Mobile, Core Schema, Architecture, Interoperability & Protocols, etc.

  - Mainly conference calls, regular face-to-face meetings

  - Very sophisticated web sites

Goals

- Bring the CIM model of printing up to date with PWG models

  - CIM schema includes classes for Printer, PrintService, PrintJob, PrintQueue

  - Current classes missing many interesting attributes

    - CIM_Printer class has approx 30 properties; by comparison PrinterMIB has approx 140 properties

  - Current classes not clearly defined

    - CIM_Printer contains some aspects of PrintService

- Ensure that every property in CIM printing-related classes is implementable interoperably

Participants

- Active participants

    - Dell: Rick Landau

    - High North: Ira McDonald

    - IBM: Harry Lewis

    - Sharp: Craig Whittle

    - Bill Wagner (WIMS)

Methods

- Submit Change Requests (CRs) to change CIM classes, define new classes

    - Phases: cosmetic changes, corrections, major restructuring

- Decide on changes, draft CRs, submit CRs to appropriate CIM Working Group

    – Usually the Core Schema Working Group

- Have to develop model of class inheritance and relationships

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Current State

- Doing major surgery on CIM_Printer (the print device)
  - Will add 10-12 classes, most analogous to prtXxx tables
  - Total approx 100 new properties from PrinterMIB and Semantic Model

Documents

- FTP area in ftp://ftp.pwg.org/pub/pwg/wims/wd and .../wims/cim

  – Previous CRs

  – Current property lists, proposed class structure

Questions?

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