PWG-DMTF Alliance Work

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PWG-DMTF Joint Mission

- ". . . to review and update the CIM model based on the updated Printer MIBv2, the PWG Semantic Model and web services protocols, as appropriate."
  - PWG / DMTF Work Register, V1.0, 2005/05/12
  - http://www.dmtf.org/about/register/PWG-DMTFWorkRegister.pdf

- "Based on. . ." implies no new invention
  - Bring PWG standard semantics to the CIM model

Printer Device Complete

- Re-modeling of Printer device classes complete

- Fifteen classes

- Complete model appears in schema as of v2.20
  - Minor corrections in 2.21 based on implementation experience (prototype SNMP proxy provider)
    - Format of alert log was over-specified
  - More minor corrections coming in 2.22, again based on implementation experience.
    - Deprecate several properties that cannot be implemented

- Current state in the PWG wiki page
  http://pwg-wiki.wikispaces.com/DMTF+CIM+Core+Schema+Change+Requests

Printer Counters Complete

- Added classes to embody usage and work counters from PWG Counter MIB

  - Four classes

  - Approx. fifty properties

  - Examples: jobs, communications, time, images, sheets, color, monochrome, specific media used, etc.

Future

- Into next CY (2009-2010)
  - Update the PrintService and PrintJob classes based on Internet Printing Protocol (IPP) and PWG Semantic Model
  - Draft Network Printer Profile doc to ensure interoperable implementations
    - Network printer = a network-attached device that includes a Printer device

Questions?