PWG Plenary Status Report WIMS/CIM Working Group

**Printer Working Group
Face-to-Face Meeting
February 16, 2009
Waikoloa, Hawaii**

Purpose of the effort

- **The WIMS working group is concerned with:**

  ➢ Supporting the remote management of Hardcopy Imaging devices by the definition of new and the recasting of previously-defined imaging device and service management elements for mapping into standard management semantics and protocols, including but not limited to SNMP, CIM, and Web Services Management

  ➢ Continuing update and extension of the DMTF/CIM classes concerned with Imaging Devices and Services.

  ➢ Continuing support and update of the printer-related PWG and IETF published MIB documents

  ➢ Continuing support and update of the specifications produced by the former PWG MIB Working Group (PMP) and by the PWG Web-based Imaging Management Services (WIMS) Working Group.

![pwg logo - A Program of the IEEE-ISTO]

Work Items for the WG

- ## What We're Doing

  - Supporting the existing IETF and PWG Printer and related MIB documents, including the potential advancement, extension and expansion of these specifications.

  - Advancing a basic public management elements structure for Hardcopy Services and Devices that draws upon existing structures and that utilizes a set of management elements that is consistent over the various management protocols and methods.

  - Update, Create and Prototype DMTF/CIM Imaging MOFs, with the objective of ensuring Hardcopy Device and Service management via a Web Services approach that is consistent with the basic public management elements structure

- ## What We're NOT Doing

  - We are not addressing the delivery of Hardcopy services.

  - We are not specifically concerned with security issues related to Hardcopy Devices or Services, although management must recognize and accommodate the requirements and constraints demanded by security.

  - We are not defining a management service or protocol.

Current Activities

- A revised charter, reflecting the incorporation of the PWG MIB working group activities, has been developed and approved by the PWG Steering Committee.

(ftp://ftp.pwg.org/pub/pwg/wims/charter/ch-wims-charter30-20090202.pdf)

- Ira is working on the update of the Print Service Schema, based on IPP 2.0 semantics and following the considerations of the IPPV2 WG

- Rick is continuing with the Proxy CIM Provider prototype implementation. Code implementing the essence of the CIM to MIB to CIM translation will be available first quarter 2009.

Potential MIB Activities

- **Power Management objects "Green" Issue.**
  - ⋗ General Interest Expressed. BoF on potential project at this F-2-F meeting

- **Printer Port Monitor MIB**
  - ⋗ update spec
  - ⋗ interoperability testing ?
  - ⋗ advance PPM to PWG standard ?

- **Update and Publicize Printer MIB FAQ**
  - ⋗ Current FAQ is out of date and hidden
  - ⋗ Rick, in doing CIM Proxy, has see some recurrent implementation problems
  - ⋗ Most of us are aware of implementation eccentricities
  - ⋗ Users and Fleet Management Agencies both need to understand some of these variations, and should have some place to voice the questions that they have.

- **MDF MIB or MIB extensions?**
  - ⋗ Many attempts, of varying completeness, started in the past.
  - ⋗ MFD group is addressing service semantics; need to address management elements

Next Steps

- Prototyping of the SNMP to CIM Provider continues.

- Proceed with the CIM effort to Print Service.

- Possible initiation of Hardcopy Imaging Device Power Management project.

More Info/How to participate

- **We welcome more more participation from member companies**

- **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:**

  subscribe WIMS

- **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