PWG WIMS CIM Alignment
Redmond Face-to-Face Minutes
August 19, 2008

Craig Whittle – (former) PWG WIMS/CIM Co-chair / Secretary

Attendees

Bill Wagner	TIC
Rick Landau	Dell
Pete Zehler	Xerox
Ira McDonald	High North
Lee Farrell	Canon
Jerry Thrasher	Lexmark
Nancy Chen	Okidata
Joe Murdock	Sharp
Craig Whittle	Sharp
Harry Lewis	InfoPrint
Mike Fenelon	Microsoft
Jane Maliouta	Microsoft

General Discussion

- PWG Operational Policy
  - It was noted that all attendees should be aware that the meeting is conducted under the PWG Membership and Intellectual Property rules. There were no objections.
- On Wednesday morning, Bill Wagner led the Workgroup for Imaging Management Solutions (WIMS) Working Group meeting. He provided the planned agenda:
  - Startup and Introduction
  - Give Intellectual Property Statement
  - Identify Minute Taker
  - Introduce Participants
  - Consider Agenda
  - Proxy CIM Provider Presentation
  - Updates
    - Printer and Fin MIB new Enums
    - PPM Device Id Command Set

        - CIM Printer Cleanup Items
    - Imaging Power Management Project
    - Futures Discussion & Wrap-up
- Proxy CIM Provider Presentation
    - Bill explained that Rick Landau has completed the Printer Proxy CIM Provider code and has posted the code and documentation package on:
        - ftp://ftp.pwg.org/pub/pwg/wims/cim/DellPrinterProviderProxyPrototype_README.txt
        - ftp://ftp.pwg.org/pub/pwg/wims/cim/DellPrinterProviderProxyPrototype_v10.zip

    - This program is donated by Dell, Inc., to the Printer Working Group, and through PWG to the open source community, in the hope that it will be useful. The program is provided under the terms of the license stated in the README file and all of the original contributed files. Some additional files included are copyrighted by DMTF and IETF, and are redistributed as permitted by those parties.

    - Rick said that he is interested in feedback on user's experiences with the package, including the following:
        - problems in running the package or bugs in the code
        - difficulty following the code or making customizations

    - Rick hopes that any modifications or additions made to the code to improve usability or functionality will also be made publically available.
    - Rick then presented several slides providing a full explanation of the Proxy Provider functionality and code package. The presentation included a review of the classes and properties, and some of the Python scripts.
    - During and after the presentation, Rick encouraged questions from the attendees. The following comment was raised:
        - Ira pointed out that he thinks we forgot to fix input tray and output tray – and need to correct their inheritance. Ira said they should be printer elements, which is a subclass of logical elements.

    - Rick reminded everyone that he would greatly appreciate any feedback that people are able to provide with regard to their experience of using—or attempting to use—the CIM Provider code.

- Working group slides presented by Bill (see ftp://ftp.pwg.org/pub/pwg/general/presentations/WIMS_WG_Meeting_Oct_08.pdf)
  - InfoPrint plasticMultiRing enum value be added to FinBindingTypeTC
  - Slide 8: langXPS(66) was also added
    - General agreement to add new enum type
    - Mike to consult with experts in Microsoft to make sure the right reference is used.
    - Change IPP reference from 3905 to 3805
  - Slide 9: Ira suggested modifying or clarifying the IEEE 1284 command set format "CMD" (to help make the string more parse-able).
    - Idea originated as a way to describe service / virtual printer more precisely
    - Port Mon MIB and other protocols limit size of string other protocols may not limit size
      - This issue needs to be studied at greater length to understand the impact on other protocols
      - Should this be an appendix to Port Mon MIB? PPM update?
    - Ira suggested a separated PWG specification with the additions as "recommended practices"
    - Microsoft added compatible ID "CID" (this was added to Windows 7 to allow device families to use the same driver)
    - CONCLUSION: No change to the IEEE specification will be necessary (PWG white paper OK)
      - Jerry to see if there's a way to point to the PWG best practices document from the IEEE 1284 standard
  - Imaging / Power Management – Ira's specification reviewed
    - Problem statement / Introduction
    - LastPowerState: Last tells former state
    - NextPowerState: Value of this attribute? May be too difficult to predict (too many from/to state transition possibilities). Delete?
    - Use cases needs to be identified
    - Change PowerState to CurrentPowerState
    - Change order of attributes?
    - Power Log Group – Should this be required? Assume ordered list?

- Power Capabilities – This group should be required
- CIM Power Model is the baseline; it uses numbers. Mike suggested using easier-to-remember labels instead.
  - The XML encoding does not need to be numbers
- Need to add several operating and power levels
- Delete 7.1.5

Next Steps / Open Actions:

- Next teleconference scheduled for 11 ET on August 31 (Ira will not be available). This may need to be rescheduled.