PWG WIMS CIM Alignment
Irvine Face-to-Face Minutes
December 4, 2008

Attendees

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
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<tr>
<td>Amir Shahindoust</td>
<td>Toshiba</td>
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<tr>
<td>Bill Wagner</td>
<td>TIC</td>
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<tr>
<td>Dave Whitehead</td>
<td>Lexmark</td>
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<td>Dinesh Srirangpatna</td>
<td>Samsung</td>
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<td>Glen Petrie</td>
<td>Epson - phone</td>
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<td>Grant Gilmore</td>
<td>360 Software</td>
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<td>Ira McDonald</td>
<td>High North</td>
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<td>Jerry Thrasher</td>
<td>Lexmark</td>
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<td>Lee Farrell</td>
<td>Canon</td>
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<td>Nancy Chen</td>
<td>Okidata</td>
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<td>Pete Zehler</td>
<td>Xerox - phone</td>
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<td>Rick Landau</td>
<td>Dell - phone</td>
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<td>Shah Bhatti</td>
<td>Samsung</td>
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Introduction

- Meeting was convened at about 1:00PM PST.
- It was noted that the meeting is conducted under the PWG Membership and Intellectual Property rules. There were no objections.
- The proposed meeting agenda was presented, with no objections.
- Lee Farrell agreed to supply notes for minutes
- Minutes of the last face to face WIMS meeting and the last WIMS conference call were accepted.

Dell CIM Provider Prototype Presentation

- Rick Landau is continuing development of the Proxy CIM Provider prototype implementation. The primary purposes of this prototype are to:
  - Validate the updated Printer CIM Schema
  - Provide one implementation of the CIM Schema to help advance the newly defined elements from the experimental state
- Rick provided a detailed review of the CIM Provider Prototype activity.
  - Presentation Slides are at:
The group then discussed the email from Ricoh (konstantin.vorobyev@nts.ricoh.co.jp) saying that there is no place to put a manufacturer's name in the CIM printer model.

- The information that Ricoh is actively implementing the Printer CIM MOFs was enthusiastically received.
- Rick said that the CIM_Printer.Caption object could be used. He has mapped "sys description" to this element in his proxy provider, Manufacturers typically identify themselves in this MIB object.
- Ira suggested that "instance ID" could be used, but Rick said that it is only available in the subunits, not in Printer Class.
- Ira agreed to post a response to Ricoh with the “caption” recommendation, as well as noting the newly posted CIM V2.20 and alerting Konstantin to remaining problems in CIM_PrintAlertRecord.RecordFormat (Action Item)

**Consideration of Future Projects/Potential MIB Activity**

- Previously Identified “future WIMS activities” were reviewed along with resolution
  - Evangelizing and perhaps sponsoring development activities for Web Service Management of Printers. The consensus was to restrict our WS specific activities to creating CIM schema.
  - Develop standardized management elements for MFDs, paralleling MFD effort in service definition with device management. The idea is that the existence of a standard will encourage support of a consistent set of elements (possibly in addition to proprietary). The conclusion was that the path to standard WS management elements would best start with standard SNMP MIBs.
  - Continued CIM activities:
    - Print Services CIM Schema - In progress
    - Printer Profile - Expose elements from networked printer MIB-II elements in CIM "networked Computer System" approach; also basis for the basic computing device in MFP

- This segued to a discussion of the integration the PMP (MIB) working group with WIMS.
  - What form should the combined WG take?
    - Keep PMP as separate WG?
    - Run two WGs in parallel?
    - Merge two WGs into one hardcopy device management WG?
  - Depends on level of PMP type activities. Potential activities identified were:
    - Update and Publicize Printer MIB FAQ
      - Current FAQ is out of date and hidden
      - 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 their questions.
    - Printer Port Monitor MIB
      - update specification
- interoperability testing
- advance PPM to PWG standard
- MFD MIB or MIB extensions
  - MFD group is addressing service semantics; need to address management elements
  - Incomplete and aborted past attempts at MFD standards, including:
    - PWG Printer for Multi-Function Devices, March 2007
      - enums-only extension to Printer MIB for scan, fax, etc., MFD
      - alerts in existing prtAlertTable
      - Status: ready for prototype - technically complete
- Power Management objects "Green" Issue
  - What elements? Existing private MIB/CIM Mapping?
  - Compatibility with CIM.
  - Consider evolving ECMA standards.
  - New MIB or Augmentation/Extension of existing MIB.

**PMP/WIMS Integration**

- With regard to the PMP/WIMS integration, it was decided to have one working group concerned with the management of hardcopy devices and system, but to maintain all of the management-related mailing lists. This included:
  - PMP(PrinterMIB and Port Monitor MIB) and
  - WIMS (primarily CIM),
    and implicitly
  - FIN (Finisher MIB),
  - JMP (JOB MIB).

There was a suggestion that the integrated group retain the WIMS acronym, although with more appropriate meaning. (WIMS stood for Web-Based Imaging Management Service, which is inappropriate for the more general charter since we are no longer restricted to Web–Based methods, and are definitely not concerned with defining a management service.) Unfortunately, although we remain open to suggestions, there appears no reasonable root name corresponding to WIMS. (Well-considered Imaging Management Semantics; Widely-accepted Imaging management Stuff…). I suggest that we assign a new name (Hardcopy Device and Service Management).

- The change will require a revised charter expanding the scope. The requirements relative to having the charter voted on will need to be addressed by the PWG steering Committee.

**Priority on Activities**

- The meeting concluded that priority must be given to the definition a standard set of Hardcopy device power management elements. Although the initial binding of these
elements might be in a MIB or MIB extension, the effort must not be considered as an exclusively MIB oriented effort.

- There was no consensus on the second priority, not even the intention of further progressing the PWG Printer for Multi-Function Devices document.

**Next Steps / Open Actions**

- It was tentatively agreed that the next WIMS teleconference would wait until the new year, although January 5 might not be a good date.
- Action items
  - Ira: send message to Konstantin
  - Bill: take cut at revised charter

Meeting was adjourned at about 3:30 PM, PST.

Bill Wagner