

PWG WIMS

Conference Call Minutes

September 28, 2009

1 Attendees

Jacob Brown	Dell
Lee Farrell	Canon
Tim Hunter	Xerox
Ira McDonald	High North
Joe Murdock	Sharp
Bill Wagner	TIC
Pete Zehler	Xerox

2 General

- Meeting was convened at 2:00 PM EDT on 28 September, 2009.
- Notice was made that the meeting was held in accord with the PWG Intellectual Property Policy
- Bill Wagner agreed to take minutes
- The September 14 minutes (ftp://ftp.pwg.org/pub/pwg/wims/minutes/cim-wims_090914.pdf) were accepted without objection.
- New attendees were welcomed, and it was noted that WIMS still needs a secretary. It was also noted that additional 'use cases' were being solicited for the Power Management document.

3 Action Items Review

- a. With regard to Microsoft preference for langXPS addition, Microsoft was not represented so there was no resolution.
- b. Ira remains on schedule to convert his Device ID "COMMAND SET" document to PWG spec draft before October F2F
- c. Ira completed and posted the CIM Print Service classes.
- d. Bill provided an alternate view on Power Management elements.

4 Power Management Spec draft

We went over Ira's proposed modifications to the posted draft (<ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspower10-20090908-rev.pdf>), with references to the draft sections.

- a. It was noted that the intent of Chapter 4 should be clarified to indicate that it is an identification of requested additions and changes to the PWG Semantic Model.
- b. ISSUE: The proposed changes make much more optional, which may present a problem both in providing adequate utility and in establishing a predictable level of conformance. To be discussed at F2F.
- c. Under the Power Monitor group, it was stated that the Power State Message can contain any information relative to the current power state, how it arrived at that state, when it may go to another state (e.g., current times in time out counters), etc, and not just a localized name for the current power state. The intent and type of information in Power Status Message will be better explained, perhaps with better examples.
- d. ISSUE: In the Power Log Group, the suggestion to drop Power State Message was argued against, observing that, with the clarification of Power State Message, this is useful information that should be retained. Questions of whether it could be made optional in the group (no) or whether it might be in a separate group (undesirable) were raised. There is also the question of what to do if the Power State Message changed (but not the Power State) To be discussed at F2F.
- e. The idea of using the TimeStamp as a key, rather than a separate index value, was suggested. It was observed that this might be difficult to implement in some bindings, and

that this might product problems since time-stamp implementations often have not been correctly formatted.

- f. It was clarified that the Power Log and all supported tables were to be power cycle persistent. This will be specifically stated in the text, at least for the PowerLog.
- g. ISSUE: The name of the Power Mode group was observed as not adequately communicating that this was an identification of Power States supported. The name PowerStatesSupported was considered too long. An alternative of "PowerModes" was suggested, although this may cause a problem with the Schema where the (s) is used to indicates a class with possible multiple instances (but isn't this what a table is). The name question is to be resolved.
- h. The proposed modification to the Power Request group elicited no objections or comments
- i. ISSUE: The three-part alternate Power Policy set was discussed. Although there was some agreement, it was felt that this needed to be considered at the F2F.

5 CIM Issues

- Ira noted that his posting of the CIM Print Service Classes (<ftp://ftp.pwg.org/pub/pwg/wims/cim/mofinput/ira-20090923.zip>) reflected all the elements in IPP 1.1, as well as several others. The postings appear as 1600 line of MOF. Ira suggested that reviewing a colorized PDF version may be easier.
- The MOF information needs to be formatted into DMTF Change Request for submission to CIMCore. This is a tedious and non-intuitive process. No candidate to do this has yet been identified.

6 Action Items

- Mike Fenelon of Microsoft would check on Microsoft's preferred reference for the langXPS addition to IANA registry.
- Ira's is to make his Device ID "COMMAND SET" (CMD) (<ftp://ftp.pwg.org/pub/pwg/pmp/white/tb-ppm-1284-cmd-20090803.htm>) document into a stand-alone draft PWG Candidate standard before the next face-to-face meeting.
- Ira will port an updated Power Management Specification before the Face-to-face meeting.
- Bill Wagner will post slides for the WIMS face to face before 2 October, with comments accepted via the mail list.
- The next WIMS meeting will be at the Face-to-face, Tuesday 13 October, 1:15 PM PDT (4:15 EDT)