

# PWG WIMS

## Conference Call Minutes

### January 11, 2010.

#### 1 Attendees

Lee Farrell	Canon
Rick Landau	Dell
Ira McDonald	High North (Samsung)
Jerry Thrasher	Lexmark
Bill Wagner	TIC
Peter Zehler	Xerox

#### 2 General

- Meeting was convened at 2:00 PM EDT on 11 January, 2010
- Bill Wagner agreed to take minutes
- Notice was made that the meeting was held in accord with the PWG Intellectual Property Policy
- The December 8 minutes (<ftp://ftp.pwg.org/pub/pwg/wims/minutes/09DEC-Austin-WIMS-CIM-face-to-face.pdf>) were accepted without objection.

#### 3 Action Items Review

- Change requests for corrections to CIM Print Classes.
  - No progress has been made on this item; Rick Landau agreed that he would do it, likely with two months
  - Rick observed that he has tried out the new and updated DMTF CIM Change Request (CR) program, and that it appeared that previously noted issues had been resolved. Further, anyone with a moderately capable computer should be able to use this program to complete CRs.
  - Because the program refers to the current CIM release as the base against which changes are to be made, there would be an issue if multiple sets of changes are being made, at different times, to the same published release. This is not anticipated to affect the imaging items in the foreseeable future.
- Progress on CIM Print Service Classes change requests
  - No progress has been made on this item. Ira and Rick still need to update the diagrams.
  - The observations above relative to the use of a new change request tool apply also to Print Service change requests. A volunteer is solicited for this effort.
- Device ID "COMMAND SET" PWG spec draft.
  - There is a new release posted, and this project is progressing according to schedule.

#### 4 Device ID "COMMAND SET" PWG spec draft

- This document is in Working Group last call. The current post is <ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-pmp1284cmdset10-20091214.pdf>
- No WG comments were posted, but the following comments were presented during the call
  - The wording of new conformance requirement 5 in section 6.1 was questioned (i.e., ... MUST support the REQUIRED IPP Printer Description attribute "printer-device-id") in that it appeared to impose a requirement upon conformance to IPP rather than conformance to the "Device ID" specification. Ira agreed to reword the item so this related to conformance to the Device ID spec and did not, in itself, impose a requirement on IPP implementation other than the implementation of printer-device-id must be in accord with the Device ID spec.

- The length of the string was discussed but Ira explained that, in the target protocols, string length was presented as part of the protocol and there was no need to defined it in the subject specification.
- As is noted in a email Ira sent on 1/11/2010 with the subject "Re: 1284 Cmd Set w/ IPP "printer-device-id" (14 December 2009) [prototype evidence]", Rick Landau, Dell) has acknowledged prototyping the Device ID

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.1.3.6.1.4.1.2699.1.2.1.2.1.1.3.1 = STRING:
"MFG:Dell;
CMD:PJL, RASTER, DOWNLOAD, TIJL, SCJL, ECHO, PCLXL, PCL,
HBPL, POSTSCRIPT;
MDL:MFP Laser 3115cn;
DES:Dell MFP Laser3115cn;
CLS:PRINTER;
STS:AAATAwD/AP8AFAABUANQAYgDKANkA2QzYBoAAAAAs
IYAAAAA8IYAAAAAAAAAAAAAAAAAAAAAAAAAAAAAIQZAr
QAAAAAAAAAT/;"
```

```
.1.3.6.1.4.1.2699.1.2.1.2.1.1.3.1 = STRING:
"MFG:Dell;
CMD:PJL, RASTER, DOWNLOAD, TIJL, SCJL, PCLXL, PCL;
MDL:2135cn MFP;
DES:Dell 2135cnMFP;
CLS:PRINTER;
STS:AAASBAD/AP8AAAAAAQAB2QDZANkA2QDZANkA2QD
QBoAAAAAsIYAAAAAAAAAAAAAAAA4AAAEAAAAAM/w==;"
```

Ira notes that, in both, the strings "PJL", "PCLXL", and "PCL" correspond correctly to values of PRTInterpreterLangFamilyTC in the IANA Printer MIB (with the "lang" prefixed stripped, per this spec in WG last call). However, "POSTSCRIPT" should be "PS".

It was agreed that this met the prototype requirements, allowing the specification to be re-released as "Stable".

- The "Stable" release will be posted by 25 January, and subject to working group comments. Barring any objections, the document will then be put into PWG last call and considered at the February WIMS face-to-face meeting.

## 5 Power Management Model Spec draft

- The changes noted in the <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspower10-20100108-rev.pdf> redline draft were reviewed. All changes were accepted, with the follow additional observations:
  - Different levels of paragraph heading should have distinct appearances relative to font, size, etc.
  - It would be desirable to provide a clear differentiation between Power State and Operational State, perhaps in the Terminology section, along with references identifying the Operational States.
  - In the second bullet of the Scenario in paragraph 3.2.3, it should be made clear that the synchronization between PC state and Printer power state is accomplished by the developed tool, not the printer, and that the printer power requirement evolving from this is the ability of a manager to set power state remotely.
  - The detailed power states, including purely transitional states, identified in Table 2 were discussed. It was made clear that nothing in the requires that an imaging device support all of these power states.
- Ira will post an updated draft in the next two weeks.
- The position is that the prototype of an abstract spec such as the Power Management Model can be considered only to the extent that a binding of that spec is prototyped. Therefore, this specification cannot advance until the Imaging Power Management MIB

(<ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100108.mib> and <ftp://ftp.pwg.org/pub/pwg/wims/wd/wd-wimspowermib10-20100108.pdf>) or some other binding of the Power Model is prototyped. It is anticipated that Samsung and perhaps Lexmark will do such a prototype, although this is anticipated to be several months off, at best.

## **6 Imaging Power MIB**

- The current draft of the MIB and the MIB spec (identified above) were not discussed.

## **7 Next Teleconference**

- January 25, 2:00 PM Eastern Time.
  - Bill indicated that there should be sufficient time to address the three currently active documents and to consider the Face-to-face subjects (which would be those three documents)
- Slides for the February 9 Face-to-face meeting will be posted the week of 25 January, with comments and corrections handled via the mailing list.

Bill Wagner, 12 January 2010