



Printer Working Group Plenary Meeting Minutes

Cupertino, CA
13 July 2005

Submitted by Jerry Thrasher, Lexmark International Inc.

1 Time and Place

The PWG face-to-face meetings were held from July 13-15, 2005 in Cupertino CA, hosted by Apple. The schedule for the week is listed below.

| Day | Working Group |
|----------------|---|
| Monday/Tuesday | IEEE P2600 Working Group Meeting (Co-located) |
| Wed. AM | IPP Mailto: Last Call Review, Projector/Display MIB |
| Wednesday PM | Joint FSG/PWG Plenary, DMTF/CIM Work Register |
| Thursday AM | WIMS Meeting (Counter Spec) |
| Thursday PM | PortMon MIB Prototype/Interoperability event |
| Friday AM | PortMon MIB Interoperability Review |

2 Plenary Agenda & Schedule

PWG Vice-Chairman Lee Farrell started the plenary at 1:30 PM local time.

The agenda of the meeting was presented as follows:

- 1:30-1:35
 - Intro. Accept Tokyo Plenary Minutes.
- 1:35 – 1:50
 - FSG Overview (15 min)
- 1:50 – 3:00
 - PWG Membership (1 min)
 - PWG Project Status (35 min)
 - Financial Reports (discussed in SC calls)
 - Steering Committee Update (5 min)
 - PWG Officer nominations (5 min)
 - Remaining meeting schedules (10 min)
 - PWG Server Upgrade Status (5 min)

Plenary Meeting adjourned...

The updated plenary presentation is located at the following url:

<ftp://ftp.pwg.org/pub/pwg/general/Plenary/PWGPlenaryJuly2005.pdf>

3 Meeting Attendees

| Attendee | Company | Email Address |
|-------------------|--------------------------------|--|
| In Person | | |
| Lee Farrell | Canon Inc. | Lee.farrell@cda.canon.com |
| Jerry Thrasher | Lexmark International Inc. | thrasher@lexmark.com |
| Craig Whittle | Sharp Labs of America | cwhittle@sharplabs.com |
| Joe Murdock | Sharp Labs of America | jmurdock@sharplabs.com |
| Paul Danbold | Apple | danbold@apple.com |
| Ron Bergman | Ricoh | Ron.Bergman@rpsa.ricoh.com |
| Hitoshi Sekine | Ricoh | hitoshi@ussj.ricoh.com |
| Kentaro Ide | Seiko Epson | ide.kentary@exc.epson.co.jp |
| Yasumasa Toratani | Canon | toratani.yasumasa@canon.co.jp |
| Keisho Shida | Canon | shida.keisho@canon.co.jp |
| Glen Petrie | Epson | glen.petrie@eitc.epson.com |
| Osamu Mihara | Fuji Xerox | mihara.osamu@fxpsc.co.jp |
| George Liu | Ricoh | george.liu@ricoh-usa.com |
| Bob Herriot | GWS | bob@herriot.com |
| Via Phone | | |
| Harry Lewis | IBM Printing Systems | harryl@us.ibm.com |
| Ira MacDonald | High North Inc. | imcdonald@sharplabs.com |
| Rick Landau | Dell | Richard_Landau@Dell.com |
| Pete Zehler | Xerox | peter.zehler@xeroxlabs.com |
| Stuart Rowley | Kyocera Technology Development | stuart.rowley@ktd-kyocera.com |
| Norm Jacobs | Sun Microsystem | norm.Jacobs@sun.com |

4 FSG Plenary Presentation.

Glen Petrie from Epson presented slides from the FSG Overview presentation to the joint plenary session on the structure of the Open Printing effort within the Free Standards Group and the overview of the printing subsystem architecture as well as the status of the various components of the print subsystem. The complete slide deck of this presentation is at the following link:

<ftp://ftp.pwg.org/pub/pwg/fsg/July2005-Cupertino-Slides/>

The group is investigating sources of manpower and funding to pursue reference implementations of the Open Printing standards.

5 Reports from Constituent Working Groups

5.1 IPP Working Group

Ron Bergman presented the current status/state of the PWG IPP Working Group. The IPP working web page has been updated to reflect the current status and the current work items. The document links to IETF documents as well as PWG Candidate Standards have been resolved and updated. The current work item in the PWG IPP WG is the progression of the IPP Mailto: draft to Candidate Standard. There is a patent or patent application that has been discovered that may relate to this draft. A Letter of Assurance is being pursued from the company that has identified this patent. There may be remaining work within the working group in progressing some of the other works that were originally started in the IETF IPP working group towards PWG Candidate Standard in the PWG IPP WG if appropriate.

There was a question about the next steps of the IPP mailto: specification and if a prototype existed such that it could progress to a PWG Formal Vote to Candidate Standard.

5.2 WIMS

Jerry Thrasher presented the current status of the WIMS project based on a slide set prepared by the working group chair (Bill Wagner). These slides are available at the following link:

ftp://ftp.pwg.org/pub/pwg/general/presentations/WIMSPlenaryStatusSlides_20050712.pdf

The main work item since the last F2F was to get the Counter Specification and the Counter MIB ready for PWG Formal Vote by addressing Last Call comments and then to continue working on the WIMS protocol specification.

5.3 PortMon MIB(under the Printer MIB Project)

The PortMon MIB meeting is scheduled for Friday morning during this week. Ron Bergman presented the current status of the PortMon MIB. Prototype interoperability testing between two client implementations and four “printer” implementations is scheduled to be held during this week’s meeting period. Any issues that arise from this testing will be documented and discussed during Friday morning’s meeting.

Discussion of the PortMon MIB is being held on the Printer MIB mailing list.

5.4 Common Semantic Model – SM

Pete Zehler has again agreed to chair the Semantic Model working group to champion the effort of updating the Semantic Model to include Model extensions made in the WIMS working group as well as other model extension that may arise from the DMTF CIM Mapping work item or other industry efforts.

5.5 Semantic Model/ DMTF CIM Mapping

Harry Lewis presented the state of the PWG and DMTF relationship as well as the work register that the two organizations have signed. The goal of the group is to align the DMTF CIM model for printer management with the Semantic Model and to improve how printing services and printers are modeled in the DMTF arena. The next step in this effort is the education cycle to familiarize the PWG members of the DMTF CIM model and its structure. The DMTF released a press release regarding this relationship. Harry presented the milestone dates for the alignment/mapping effort. Interested parties should attend the conference calls and meetings. Rick Landau, Pete Zehler, Ira Macdonald, Bill Wagner, Ron Bergman, Harry Lewis, and Joe Murdock expressed willingness to participate in this effort which will be a work item contained within the PWG WIMS WG charter.

5.6 Projector Management BOF

Rick Landau presented an overview of the Projector and Video Display management effort and a review of the meeting held earlier in the week. The idea is to cover imaging devices of this type that are for the most part in a fixed location and shared from group to group. Currently there are a number of proprietary implementations of this type of management that are not interoperable. The presentation slides are located at the following link:

ftp://ftp.pwg.org/pub/pwg/general/presentations/Projector&Display_PWG_plenary_slides_20050711.pdf

There has been quite a bit of discussion of whether the PWG is the right SDO (Standards Development Organization) for this type of work since it is not necessarily printing or printer industry related. The reasoning that it IS, is based on the assertion that since projectors and displays perform similar “imaging” functions as printers (however with vastly different display media) it was felt that the same skill sets required to develop the management model for printers would apply to these types of devices.

There was a comment relating to whether this effort should be done in a new working group could it be covered under either the PWG Printer MIB WG or another PWG working group. The PWG Steering Committee will address this comment and decide if a new PWG Working Group should be created.

The next steps of the group include recruiting additional participants from the Projector and Display industry.

6 Steering Committee Update

Harry gave the Steering Committee update. The terms for the current PWG officers officially end at the end of August 2005. Nominations are currently open for PWG officers until August 10, 2005. PWG officer voting (or confirmation voting) will be held on the reflector from August 11-31. The next two-year term will begin on September 1, 2005 and end on September 1, 2007.

The PWG is also beginning to look at forming a CIP4/UP3i alliance relating to off-line finishing model and semantics as well as possibly a relationship with PODi.

7 Next meeting (October) Day by Day Schedule

The October 24-28, 2005, PWG F2F meeting day plan was discussed. The meeting will be held in New Orleans LA. This meeting is co-located with the IEEE P2600 Hardcopy Device and System Security working group.

The current tentative agenda for the week is:

- Monday /Tuesday: (IEEE P2600 Working Group)
- Wednesday:
 - AM: PWG Plenary/PortMon MIB loose ends?
 - PM: Projector/Display
- Thursday:
 - AM: WIMS
 - PM: DMTF/Semantic Model alignment
- Friday:
 - AM: DMTF/Semantic Model overflow
 - PM: Open

8 2006 Meeting Schedule Proposal

Harry presented a proposal for a PWG meeting schedule for 2006 (dates in green). These dates currently align with proposed IEEE P2600 meeting. The other dates listed (in blue) are other possible alignment opportunities with IEEE P2600 meetings. PWG participants should consider these dates for possible hosting opportunities. Locations for the 1H 2006 meetings should be finalized soon.

| 2006 Proposed Schedule Plan (PWG Meetings in green) | |
|---|----------|
| Week of | Location |
| January 16-20 (F2F) | TBD |
| April 10-14 (F2F) | TBD |
| May 15-19(possible) | |
| June 19-23(possible) | |
| July 24-28 (F2F) | TBD |
| October 23-27 (F2F) | TBD |
| December 11-15(possible) | |

9 Misc.

9.1 PWG Server Transition Plan

The PWG Server Transition is currently on hold for non-PWG related reasons.

Meeting Adjourned: