



Printer Working Group Plenary Meeting Minutes

Montreal CA
18 August 2004

Submitted by Jerry Thrasher, Lexmark International Inc.

1 Time and Place

The PWG face-to-face meetings were held from August 16-20, 2004 in Montreal CA area at the Four Points Sheraton Hotel in Vancouver CA, coordinated by the IEEE-ISTO office. The schedule for the week is listed below.

Day	Working Group
Monday (Aug, 16)	Micro Job Ticket BOF, Transform Service BOF (9:00-5:00 EDT)
Tuesday (Aug, 17)	WIMS F2F Meeting (9:00-6:00 EDT)
Wednesday (Aug, 18)	PWG Plenary, Process Doc. and PSI Last Call: PSI F2F Meeting (8:30-5:00 EDT)
Thursday/Friday (Aug, 19,20)	IEEE P2600 Working Group Meeting (Hosted/Co-located) (9:00-5:00 EDT)

2 Agenda & Schedule

PWG Chairman Harry Lewis started the plenary at 8:30 AM EDT. The agenda of the meeting was as follows:

- Review of May, Vancouver Plenary Minutes
- Working Group Project Status and Reports
- ISTO Financial Report
- 2004/2005 Meeting Planning
- PWG Process 2.0 Last Call Review
- PSI Last Call

The updated plenary presentation is located at the following url:

<ftp://ftp.pwg.org/pub/pwg/general/presentations/PWGPlenaryAugust2004.pdf>

3 Meeting Attendees

Attendee	Company	Email Address
In Person		
Don Wright	Lexmark	don@lexmark.com
Harry Lewis	IBM Printing Systems	harryl@us.ibm.com
Jerry Thrasher	Lexmark International Inc.	thrasher@lexmark.com
Lee Farrell	CDA	lee.farrell@cda.canon.com
Liang Zhao	Seiko Epson	liang.zhao@eitc.epson.com
Norbert Schade	Oasis Semiconductor	norbertschade@oasissemi.com
Paul Danbold	Apple Computer, Inc.	danbold@apple.com
Peter Koldig Hansen	Intermate A/S	ph@intermate.com
Peter Zehler	Xerox Corp	pzebler@crt.xerox.com
Stuart Rowley	Kyocera Technology Development	stuart.rowley@ktd-kyocera.com
William A Wagner	NetSilicon	wwagner@digi.com
Yasuji Takeuchi	Konica Minolta Systems Lab. Inc	sam.takeuchi@bil.konicaminolta.us
Via Telecon		
McDonald, Ira	High North	imcdonald@sharplabs.com
Carney, Dennis	IBM	dcarney@us.ibm.com
Berkema, Alan	Hewlett Packard	alan_berkema@hp.com
Hall, Dave	Hewlett Packard	dhall@hp.com

4 Reports from Constituent Working Groups

4.1 WIMS

The WIMS working group is continuing to work on the model and methods for a web services-based fleet management protocol.

The WIMS draft specification has been extensively revised and is, for the most part in sync with the various schemas.

Work is ongoing on the development of a Counter Schema and associated specification (the most significant elements that might be usable for remote management and monitoring of an MFP) for use by WIMS as well as for extension of the PWG Semantic Model.

Work continues on the Imaging System Alert Schema, Report schema, and Event schema. These are being reviewed and modified during weekly teleconferences. (See the WIMS directory on the PWG's ftp site for these draft schemas.)

(Check the WIMS web page for the current draft.)

4.2 Semantic Model - SM

No formal working group meeting held during the week.

The Semantic Model continues to be reviewed for errata as well as for extension.

The most significant is the way natural languages are added to the Semantic Model, this will require modifications to the schemas.

The main extension work currently underway is the addition of the semantics of the counters schem that are being developed in WIMS to address various aspects of accounting and billing with managed printers and MFP's.

Other areas of extension include adding sub-unit semantics for various sub-units of devices and around the area if image-able area as well as various image processing semantics.

Details will be posted to the reflector.

4.3 *Print Services Interface -PSI*

No formal working group meeting held during the week.

PSI is finishing last call this week and is expected to go to Formal Vote soon.

The PSI group has added a schema and specification for its specific eventing requirements as an appendix to the PSI working draft as opposed to creating a completely generic eventing schema and specification for printing.

4.4 *IPP FAX – IFX*

No formal working group meeting held during the week.

The IPP FAX protocol specification is undergoing final working draft review such that it can be archived in a stable state in the working group directory.

IANA has assigned a port for the IPP FAX protocol (3951) for both TCP and UDP.

4.5 *UPDF*

No formal working group meeting held during the week.

Since the last PWG F2F meeting, UPDF passed its formal vote and has been published as PWG 5101.4-2004. The comments received with the no votes have been addressed with the commenters.

There are initial products being developed by some vendors that implement the majority of the UPDF specification.

There is the possibility that there may be some extensions to the specification needed based on these product developments.

4.6 Transform Interface BOF

The TFM BOF is progressing towards the creation of a new PWG working group, championed by IBM.

TFM uses concepts introduced in the PSI protocol effort to create a simple web services-based data transform service interface where the output of the transform is just another data format and not necessarily directed to a printing device.

An email reflector has been created (TFM) for discussions relating to the Transform Service Interface.

4.7 CE Print BOF (MJT)

The CE BOF has transitioned in scope into specifically looking at the creation of a Micro Job Ticket that relieves the burden of requiring a full-featured XML parser or generator for representing information that is contained in the Semantic Model 1.0 Candidate Draft. There is an early draft proposal for this non-XML format that is being discussed and there is further discussion within the BOF group about how this work should progress (i.e., is there enough here to justify a completely new PWG working group with charter etc. or can it be handled another way...)

The CEPI reflector is going to be changed to MJT to reflect its new direction. Apple Computer Inc. has agreed to pursue the level interest from the major inkjet vendors as well as specific handheld vendors in the Micro Job Ticket.

4.8 XHTML-Print

No formal working group meeting held during the week.

Both XHTML-Print and CSS-Print are now at the Candidate Recommendation status in the W3C...awaiting interoperable prototypes.

The Candidate Standard versions on the PWG site have been updated to indicate that they have been superseded by the W3C CRs.

4.9 MIBs

No formal working group meeting held during the week.

The Printer MIB v2 has been published as RFC 3805, the Finisher MIB has been published as RFC 3806, and the Char-Set MIB has been published as RFC 3808.

There are no other pending MIBs to be published in the IETF.

There is some interest in looking at some sort of inter-op event for the Printer and Finisher MIBs.

4.10 IPP Extensions

No formal working group meeting held during the week.

No new status or work in the PWG. The remaining IETF IPP extensions are in the process of being published as RFC's. The IETF IPP working group is in the process of being shut down.

4.11 PWG Process

The Process Document is currently in Last Call and ends Aug 18. A Formal Vote will be held in the coming weeks after a draft that integrates all last minute Last Call comments have been addressed.

5 PWG Issues/Administration

5.1 Addressing the MFP from a Service and Device Management standpoint.

The response to the call for interest that was sent on the PWG Announce reflector was that there were only two parties responding with interest in the creation of a service and device model for a MFP.

Therefore: Currently, any structural modeling required of an MFP for the WIMS effort with respect to the Counter structure and other device/service centric aspects of an MFP will be done in the WIMS working group but only to the extent to serve the needs of the WIMS working group.

No further action on the creation of a separate working group will be taken at this time.

5.2 New Reflectors

There is onenew reflectors (and two name changes) on the PWG.

1. TFM (Transform Services Interface)
2. CEPI will change to MJT (Micro-Job Ticket)
3. Changed WBMM to WIMS.

5.3 PWG IT Infrastructure

PWG server upgrade needed very soon (located on the Lexmark campus).
Lexmark has requested \$5500 to purchase new hardware to host the PWG site.

Motion: by Lee Farrell.

Authorize the PWG to grant Lexmark's request for \$5500.00.

Seconded by Harry Lewis.

Discussion: Question: Is there money in the PWG coffers to provide this money?
Briefly reviewed the PWG financials to gauge the level of funding in the PWG.
(requests for PWG finances should be made to the PWG chair)

Vote: 11 Yes, 0 No, 0 Abstain.....Motion Passes.

5.4 Other Issues/Concerns

None:

6 Next meeting (October) Day by Day Schedule

The current August October 4-8, 2004, meeting day planning was discussed. (Lexington, KY)

Currently the tentative agenda for the week is:

- Monday afternoon (TFM/MJT)
- Tuesday (WIMS)
- Wednesday (Plenary/SM)
- Thursday/Friday (IEEE P2600)

6.1 Future Meeting Schedule Weeks.

The remaining 2004 PWG meeting schedule was presented during the plenary meeting. A very early proposal for the 2005 meeting schedule (with emphasis on co-locating with IEEE P2600) was presented.

Week of	Location
November (15-19, 2004); (Joint meeting with with Free Software Group and IEEE P2600)	San Antonio TX.
2005 Schedule (very early first draft proposal)	
Jan 10	Tampa FL
Feb. 24	??
April 11	Tokyo??
May 19	Piscataway NJ (ISTO HQ)
July 14	San Francisco CA (Apple)
Sept. 15	Madison WI
Oct 27	New Orleans
Dec. 12	San Diego CA

Discussion on the 2005 meeting:

Can't really justify a Hawaii meeting in January if there is a meeting to Tokyo in April. Target is for 5 or 6 meetings during 2005. Crossed out dates are possible additional meeting weeks that would coincide with the current draft IEEE P2600 meeting plan.

7 PWG Financial Report

Harry Lewis presented the PWG financial report prepared by the ISTO. Copies of these slides may be requested from the PWG chair.

Note: There are 5 companies that are in arrears as far as 2004 PWG dues that have exceed the 180-day limit. These companies are: Adobe, Axis, Microsoft, Oce Technologies, and Eastman Kodak.

As per the decision by the group at the Nov. 2003 Plenary Meeting, after 180 days without payment of dues, companies names will be removed from the PWG roster/web page.

Action Item: The companies that are arrears (who haven' already been informed and removed for previous paymentd in arrears) will be informed that they are being removed from the PWG roster and removed from the PWG web site.

It was also noted that Oasis Semiconductor was still NOT listed as a PWG member and that Norbert Schade was still listed as an individual member. From an earlier decision, it was decided to refund Norbert's individual membership dues for 2004 since he is the Primary Contact for Oasis Semiconductor.

(Note: agenda changed to hold PSI Last Call review before the PWG Process Document review)

8 PSI Last Call Review

The PSI last call review was held to review the last call comments that were sent to the reflector and provide responses.

Dave Hall will make the updates and an updated PSI working draft that answers the comments will be released and then sent out for Formal Vote.

Currently the Formal Vote is targeted to start the third week in September.

9 PWG Process Document Last Call Review

The PWG Process V2.0 document last call review was held and the changes made were discussed. All changes will be integrated into the document and sent for a Formal Vote.

Currently, the Formal Vote is targeted to start in mid-September.