



Printer Working Group Plenary Meeting Minutes

Camas, WA (Sharp Labs)
22 June, 2006

Submitted by Jerry Thrasher, Lexmark International Inc.

1 Time and Place

The PWG face-to-face meetings were held from June 21-22, 2006 in Camas, WA hosted by Sharp Labs. The schedule for the week is listed below.

Day	Working Group
Monday/Tuesday	IEEE P2600 Working Group Meeting (Co-located)
Thursday, AM	Semantic Model 2.0 Working Group
Thursday, PM	MFP Alerts (PMP WG)
	IPP PSX Kickoff meeting
Friday, AM	WIMS CIM WG-DMTF CIM/PWG Realignment Activity
Friday, PM	PWG Plenary

2 Plenary Agenda & Schedule

PWG Chairman Harry Lewis started the plenary at 12:00 PM local time.

The agenda of the meeting was presented as follows:

- 12:00 – 12:15 pm
 - Intro.
 - Accept Mt. Laurel Plenary Minutes.
- 12:15 – 12:30 pm
 - Membership Status
 - 2006 schedule
- 12:30 – 3:00 pm
 - PWG Project Status
 - BOFs and Futures
 - Steering Committee Review
 - October Agenda

The updated plenary presentation is located at the following url:

<ftp://ftp.pwg.org/pub/pwg/general/Plenary/PWGPlenaryJune2006.pdf>

3 Plenary Meeting Attendees

Attendee	Company	Email Address
In Person		
Harry Lewis	IBM Printing Systems	harryl@us.ibm.com
Lee Farrell	Canon Inc.	lee.farrell@cda.canon.com
Jerry Thrasher	Lexmark International Inc.	thrasher@lexmark.com
Ron Bergman	Ricoh	ron.bergman@rpsa.ricoh.com
Craig Whittle	Sharp Labs of America	cwhittle@sharplabs.com
Bill Wagner	TIC	wamwagner@comcast.net
Via Phone		
Ira MacDonald	High North Inc.	imcdonald@sharplabs.com
Pete Zheler	Xerox	peter.zehler@xeroxlabs.com
Stuart Rowley	Kyocera-Mita	stuart.rowley@ktd-kyocera.com

4 2006 Meeting Remaining Schedule

Harry Lewis presented the remaining PWG meeting schedule for 2006. These dates currently align with proposed IEEE P2600 meeting.

2006 Proposed Schedule Plan	
September 7/8th (plenary only teleconference half day)	Boulder, CO (IBM) tentative
October 25-26 (F2F)	Lexington, KY (Lexmark)

5 Reports from Constituent Working Groups

5.1 MFP Alerts Project – PMP

Ron Bergman gave status of the MFP Alerts. The initial draft of the standardized extensions to the Printer MIB alerts table is being reviewed during bi-weekly conference calls. Phase 1 (alerts table extensions, and additional alert codes) of the alerts effort should be ready for final review by the next F2F in October. Phase 2 is looking at extending HR Printer Detected error state. It is expected that a concrete proposal will be completed by the October F2F as well.

Action Item PWG Members: Prototypes of the Phase 1 alerts extensions are needed before completion.

5.2 IPP Printer State Reasons Extensions – IPP

Ron Bergman and Craig Whittle gave the status of the IPP PSX effort. This effort was just kicked off at this F2F meeting. The charter that contains the problem statement and intended output of this effort is located at:

<ftp://ftp.pwg.org/pub/pwg/ipp/charter/ch-ippstate-20060601.htm>

5.3 WIMS Protocol and DMTF CIM Mapping efforts -WIMS

Bill Wagner presented a brief overview and current status of the WIMS project as well as a preview of the WIMS/CIM effort.

Status of WIMS effort:

- The WIMS abstract protocol and schema files passed their Formal vote and have been posted to the PWG web site.
- The next working items that are going to be addressed in this WG will be a concrete transport protocol binding for this abstract protocol. This work will be completed as soon as there is member interest and manpower to continue the effort.

Status of the WIMS/CIM Alignment effort:

- There is currently a call for objection for updates to the remaining “printer related classes” (print queue, print job etc.) and provides a completion of the Phase 1 of the CIM alignment activity.
- Phase 2 of the CIM effort will progress as there are participants to work on the effort.

Somewhat related to this effort, there has been a request for a durable PWG namespace for use by WS-Discovery protocols.

Action Item: The Steering Committee needs to formulate a lightweight documentation and registration process for the creation of unique namespaces, in addition to defining the requested namespace URI.

5.4 Common Semantic Model – SM

Pete gave a brief overview regarding the Common Semantic Model 2.0. There is expected to be a new draft of the v2.0 schemas to be released soon. There is a lot of work to be done to flesh out the non-Printer services. Ideally there would be a protocol to drive the semantics and elements required to accurately describe these individual services in the way that protocols like IPP and PSI did for the Printer service.

Action Item: PWG Members should look at providing requirements for the additional service descriptions related to scan, fax, copy etc.

There was discussion about what the schedule or roadmap would be for completion of SM 2.0 given the very large volume of work that remains to fully complete detailed descriptions of the large number of services present in a multifunction device. One option that was discussed was a phased approach with an order of services to be addressed as part of the roadmap.

Pete mentioned that his preference for the next set of services to be address is the fax related services and multifunction jobs. This is due to the relative lack of defacto models being used currently in the printing/multifunction industry. There was some pushback with regard to this preference.

Craig mentioned a desire to possibly release a new model that, while including the fully fleshed out printer service, contained the skeleton of all the services of the MFD. The negative of this approach is a problem, in the web services world, of versioning of the namespace as the model progressed.

In the discussion about the phased approach, it was mentioned that we may want to prioritize or effort related to milestones of other, possibly dependent, efforts in the management area (such as DMTF etc.).

Action Item for SM Working Group: The SM group needs to develop and publish a roadmap and plan with a tentative milestone schedule.

6 BOFs, Futures, misc.

6.1 *Display Management BOF*

There has still been NO progress made in advancing this to anything other than a tentative BOF topic. Without additional momentum this BOF will be removed from future PWG agendas.

Action Item: Interested parties (Dell, Apple) need to re-assert the requirement/request for this to continue to be on the BOF agenda.

6.2 *WIMS-WSDM "Showcase"*

This item is another BOF that is still awaiting additional interest before any further advancement.

Action Item: Harry will pursue next steps with IBM's WSDM representatives to present a case for this.

6.3 IPP Extensions for Trusted Computing

There is a possibility that there will be extensions required to printing protocols to support Trusted Computing specifications. This effort is still awaiting requirements from the TCG before work can begin.

6.4 WIMS Interop

A formal WIMS Interoperability event is on hold until the binding specification is completed.

6.5 Industry “Sphere of Standards” study

TBD.

6.6 OSDL/FSG Topics

Action Item: Harry will contact OSDL and FSG about possible joint meetings (other than the plenary) between those groups and the PWG.

6.7 MIB Implementer’s Guide

Placeholder but still needed a fully fleshed out proposal.

There is still interest within the PWG members at the F2F meeting in advancing this effort as workload allows.

7 Steering Committee Update

7.1 Update of the Intellectual Property section of the PWG process document.

While this doesn’t have to be done for the current membership, it may prove to be a complicating factor for other companies to join because the policy is not in sync’ with current IP policy best practices in other comparable computing industry SDOs.

Action Item: Steering Committee to review various (CIP4, IEEE, IETF) IP policies to identify possible updated to the PWG IP Policy.

7.2 Membership update (removal of unpaid members)

At the time of the meeting, the PWG membership was as follows:

●366 Software	●Oasis Semiconductor Inc.
●Agfa Monotype Corporation	●Peerless Systems Networking
●Apple Computer, Inc.	●PMC-Sierra
●Canon, Inc.	●RICOH Company Ltd.
●Dell	●Samsung Electronics Corporation
●Easy Software Products	●Sharp Labs of America
●Epson Portland, Inc.	●Silex Technology Inc.
●Fuji Xerox Printing Systems	●Software Imaging
●Hewlett-Packard	●Xerox Corporation
●IBM Corporation	●Zoran (formerly Oak)
●Intermate A/S	

•Konika/Minolta	
•Kyocera	
•Lexmark International	
•Microsoft	
•MPI Tech A/S	
•NexPress	
•Northlake Software, Inc.	

The company names listed in red have NOT paid their 2006 membership invoices that were due by the end of January 2006. The PWG Chair has completed the action item from the previous plenary to contact the representatives of each of these companies about their PWG membership. These companies will be removed from the PWG membership roles.

8 Next meeting (October) Day by Day Schedule

The following draft agenda for the October F2F in Lexington KY was developed and is as follows:

- Thursday
 - (Half Day)Plenary (joint with OSDL, FSG)
 - (Half Day) WIMS
 - CIM
 - WIMS Binding
 - WSDM/WS-Management Initiatives
- Friday
 - (Half Day) Semantic Model 2.0 – SM
 - (Half Day)
 - IPP Printer State Reasons Extension - IPP
 - MFP Alerts – PMP

8.1 2007 Schedule

Given the ongoing work and in the attempt to equally space the F2F meetings, it was decided to look at five F2F meetings in 2007. The SC will draft a meeting plan for 2007 and announce it on the PWG reflector.

Action Item: Steering Committee to develop a draft F2F schedule for 2007.

Meeting Adjourned: