



Printer Working Group Plenary Meeting Minutes

Montreal Canada
September 27, 2007

Submitted by Jerry Thrasher, Lexmark International Inc.

1 Time and Place

The PWG face-to-face meetings were held on September 26-28 at Ecole Polytechnique in Montreal Canada. The schedule for the week is listed below.

Day	Working Group
Wednesday, PM	MFD WG (scan service modeling)
Thursday, AM	PWG, Linux Foundation Open Printing joint Plenary
Thursday, PM	PWG Plenary, WIMS CIM,
Friday	MFD WG (scan service modeling), PWG Closing

2 Joint LF/OP and PWG Plenary Meeting

The Linux Foundation Open Printing Group and the PWG held a joint plenary meeting during the morning of Sept. 27.

Attendees for Joint Plenary

Attendee	Company	Email Address
In Person		
Harry Lewis	InfoPrint Solutions	harryl@us.ibm.com
Lee Farrell	Canon Inc.	lee.farrell@cda.canon.com
Jerry Thrasher	Lexmark International Inc.	thrasher@lexmark.com
Dave Whitehead	Lexmark International Inc.	david@lexmark.com
Ole Skov	MPI-Tech	ole.skov@mpitech.com
Ron Bergman	Ricoh Co.	ron.bergman@ricoh-usa.com
Pete Zehler	Xerox	peter.zehler@xeroxlabs.com
Nancy Chen	Oki Data	nchen@okidata.com
Paul Danbold	Apple	danbold@apple.com
Ira McDonald	High North	bluroofmusic@gmail.com
Glen Petrie	Epson	Glen.petrie@eitc.epson.com
Till Kamppeter	LF Open Printing	Till.kamppeter@gmail.com
Norm Jacobs	Sun Microsystems	Norm.Jacobs@sun.com
Johannes Meixner	Novell/Suse	jsmeix@suse.de
Marcelo Leitmen	Mandriva	MRL@mandriva.com
Bill Wagner	TIC	wamwagner@comcast.net
David Too	Intermate A/S	DT@intermate.com
Sha Bhatti	Samsung	Shah.bhatti@samsung.com
Toratini Yasumasa	Canon	Toratini.yasumasa@canon.co.jp
Andrew Kisliakov	Canon Europe	Andrew.kisliakov@canon-europe.com

2.1 Joint Linux Foundation Open Printing and PWG Plenary

Harry Lewis (PWG Chair) and Ira McDonald (Open Printing Chair) made presentations about each organizations current status and work items.

2.1.1 Linux Foundation Open Printing

Ira McDonald presented a brief status of the past, current, and future work items of the LF/OP.

2.1.1.1 Status of Projects:

PAPI (Print API) is now shipping with a few Linux base releases, such Solaris and will likely be part of the next Linux Standard Base release.

Job Ticket API, complete and is being prototyped as part of the “embedded print solution” effort being driven by Glenn Petrie (Epson).

PDAPI (Print Driver API), complete and shipping in most major distributions of Linux.

Status Monitoring API, is scheduled to be revised to break out the direct hardware I/O access aspects of the API and use the Print Channel Manager API that is under development.

Print Channel Manager API, currently under development and hope to see a completed specification in the upcoming year.

Transform Module and Transform API, still in the architecture phase but will likely be based on the transform capabilities exposed in the PWG’s PSI Candidate Standard.

2.1.1.2 LF/OP Print Summit Summary:

Ira presented a slide that contains the status summary of the Print Summit held in Montreal. The individual presentations that were discussed at the summit are posted at the following link:

<http://www.linux-foundation.org/en/OpenPrinting/SummitMontreal>

Status of CUPS. See the link on the LF/OP web site for the presentation:

Presentations by Manufacturers relating to updates to Linux support since the last Printing Summit.

Other topics of discussion:

- Common Print Dialog for desktop toolkits
- Localization issues (Fonts, GUI, etc.)
- PDF workflow

Messages to Manufactures and Developers

- Please participate in Linux Standard Base WG and Open Printing WG.
- Please publish specifications for the open functionality of your devices.
- Please make drivers easy to package and install in different distributions.
- Please consider supporting the CUPS print subsystem
- Please consider distribution independent drivers.
- Please implement the Port Mon MIB (IEEE 1284 ID) and consider putting the device serial number in the 1284 ID string or in the Printer MIB.
- Provide coherent and consistent printer metadata in the 1284 ID String when it's reported over multiple interfaces (e.g., USB/Parallel/Network etc.)
- Considering standardizing the CMD tokens for the 1284 ID String

Certification vs. Validation of print drivers and/or print systems

Discussions continued in the LS/OP group relating to these topics.

2.1.2 Printer Working Group Presentation

Harry Lewis, Ron Bergman, and Pete Zehler presented the PWG summary slides about the various projects that are ongoing in the PWG. These slides are located at:

ftp://ftp.pwg.org/pub/pwg/general/presentations/joint/PWG_LFOP_Plenary_Sept_27_2007.pdf

3 PWG Plenary Agenda & Schedule

PWG Chairman Harry Lewis started the plenary meeting at 9:00 AM local time.

The agenda of the meeting was presented as follows:

- Welcome and Introductions
- Accept Previous Minutes
- PWG Patent Policy Review
- PWG Membership Status
- Active Projects
- Remaining 2007 and early 2008 meeting schedule

4 PWG Plenary Meeting Attendees

Attendee	Company	Email Address
In Person		
Harry Lewis	InfoPrint Solutions	harryl@us.ibm.com
Lee Farrell	Canon Inc.	lee.farrell@cda.canon.com
Jerry Thrasher	Lexmark International Inc.	thrasher@lexmark.com
Dave Whitehead	Lexmark International Inc.	david@lexmark.com
Ole Skov	MPI-Tech	ole.skov@mpitech.com
Ron Bergman	Ricoh Co.	ron.bergman@ricoh-usa.com
Pete Zheler	Xerox	peter.zehler@xeroxlabs.com

Nancy Chen	Oki Data	nchen@okidata.com
Glen Petrie	Epson	Glen.petrie@eitc.epson.com
Ira MacDonald	High North Inc.	imcdonald@sharplabs.com
Bill Wagner	TIC	wamwagner@comcast.net
Paul Danbold	Apple	danbold@apple.com
Grant Gilmour	366 Software	grant@366software.com
David Too	Intermate	DT@intermate.com
Shah Bhatti	Samsung	Shah.bhatti@samsung.com

5 PWG Officers for next 2 year term

There was only one candidate per office nominated for the next officer term in the PWG. The officers for the next 2 year term are as follows:

PWG Chair: Jerry Thrasher, Lexmark International Inc.

PWG Vice-Chair: Lee Farrell, Canon

PWG Secretary: Harry Lewis, InfoPrint Solutions

6 Approval of Previous F2F Plenary meetings

The minutes of the previous PWG F2F Plenary meeting were approved.

7 PWG Patent Policy review

The PWG Chairman reviewed the PWG patent policy with the members in attendance. It was noted that the policy that was presented was the current IEEE patent policy that was recently updated and is now not exactly in line with the PWG's published patent policy and it may be time for the PWG to review its IP rules and patent policies.

The current published PWG Patent Policy statement is available at:

<ftp://ftp.pwg.org/pub/pwg/general/PWG-Patent-Statement-20060509.pdf>

Harry Lewis discussed the fact that, during the next officer term, the IP Policy of the PWG will be revised to reflect the current language used in similar industry standards organizations. The intent of this revision is NOT to change the underlying intent of the IP policy, but to modernize the language of the policy to clarify some misunderstandings.

8 Membership Report

Harry presented the current PWG membership as follows:

●366 Software	●Kyocera
●Apple Inc.	●Lexmark International Inc.
●	●Microsoft
●Canon, Inc.	●MPI Tech A/S
●Coretronic	●NEC Display Solutions

•Dell	•Northlake Software, Inc.
•Easy Software Products	•Oki Data
•Epson Inc.	•Peerless Systems Networking
•Fuji Xerox Printing Systems	•RICOH Company Ltd.
•Hewlett-Packard	•Samsung Electronics Corporation
•	•Sharp Labs of America
•Intermate A/S	•Sigma-Tel
•Konica Minolta	•Xerox Corporation
	•Zoran Imaging Division

9 PWG Working Groups and Projects

Harry Lewis presented a brief overview of the work items contained in the active projects of the PWG. These projects include the PMP, IPP, WIMS, MFD, PDM, and SM workgroups.

Please see PWG web site and the joint plenary presentation slides located at:
ftp://ftp.pwg.org/pub/pwg/general/presentations/joint/PWG_LFOP_Plenary_Sept_27_2007.pdf

10 Remaining 2007 and 2008 Meeting Schedule

Harry Lewis presented the remaining PWG F2F meeting schedule for 2007 and the current draft of the 2008 PWG F2F schedule.

2007 Remaining Meeting Schedule:	
Meeting Dates	Location
December 11-12	Austin, TX (hosted by Dell)
2008 Meeting Schedule:	
February 7-8	Orange County, CA (hosted by Canon)
Week of April 14-18	Phoenix or Tucson AZ (with P2600)
Week of June 23-27	Denver or Boulder CO (with P2600)
Week of August 11	TBD
Week of October 27	Co-Locate with LF/OP (TBD)
Week of December 15	TBD