

Printer Working Group Plenary

October 2006

1. PWG Meeting Attendees

Paul Danbold	Apple
Lee Farrell	Canon
Rick Landau	Dell
Glen Petrie	Epson
Harry Lewis	IBM
Stuart Rowley*	Kyocera
Jerry Thrasher	Lexmark
Mike Fenelon	Microsoft
Ole Skov	MPI Tech
Ron Bergman	Ricoh
Chris Storey	Ricoh
Craig Whittle	Sharp
Pete Zehler	Xerox
Ira McDonald	<independent>
Bill Wagner	<independent>

* via telephone

[There were several additional attendees from the FSG group that also attended the PWG/FSG Plenary session.]

2. Detailed Activity

2.1 FSG/PWG Combined Plenary

On Thursday morning, attendees from both the PWG and the Free Standards Group gathered to exchange status and overview information about the progress and directions of their activities.

24 people attended the combined meeting.

2.1.1 Welcome, Intro, Overview

Harry Lewis started the session by introducing the Officers and explaining the PWG Work Groups and projects.

Till Kampeter then spoke about himself and the Free Standards Group (FSG). He described himself as “Mr. Printing” for Linux, and referenced linuxprinting.org.

Ira McDonald gave a high level description of the FSG Print API and the Job Ticket API. He said that the UPDF specification is being used as the authoritative source for Open Printing capabilities.

2.1.2 Linux Standards Base (LSB)

Kampeter provided some slides on the FSG activities for developing Linux printing features.

[As of this writing, Kamppeter's slides have not been posted on the PWG site. However, they might be posted in the future at: <ftp://ftp.pwg.org/pub/pwg/fsg/Oct2006-Printing-Summit-Lexington-Slides/> .]

The FSG is considering the development of a certification program for printers that is built around the Linux Standard Base (LSB) and linuxprinting.org.

LSB 3.2 will standardized the following interfaces for writing printer drivers:

- CUPS Raster API
- IJS API v0.35
- OpenPrinting Vector API

He listed several issues and actions items that have been identified by the group for future effort.

For more information, see www.freestandards.org and developer.freestandards.org.

Another individual from the FSG discussed the status of the User Interface developments. The activity is focused on developing a unified printing dialog for Linux (and other unix-related systems), the job control, printer installation and printer management. For details on this effort, see <http://wiki.openusability.org/printing> .

2.1.3 WIMS Protocol & WIMS CIM - Status, Overview

Bill Wagner presented his slides giving the overview and status of the Web-based Imaging Management System (WIMS) project activity. He also described the WIMS CIM effort of aligning the DMTF CIM with the PWG Printer MIB and Semantic Model.

[ftp://ftp.pwg.org/pub/pwg/wims/cim/CIM_Presentation_October_2006.ppt]

2.1.4 MFD Alerts - Status, Overview

Ron Bergman provided the latest information on the Multifunction Device (MFD) Alerts activity. This activity is an effort to take advantage of existing printer management tools that can be used for MFD products. He explained the MIB-based solution developed by this effort.

[<ftp://ftp.pwg.org/pub/pwg/pmp/presentations/MFPAlertsPlenary-20061026.pdf>]

Stuart Rowley announced that Kyocera will be generating a prototype of the MFD Alerts specification. This will enable the project to take the next step forward to standardization.

2.1.5 Semantic Model - Status, Overview

Pete Zehler presented an overview of the PWG Semantic Model project. Currently, a "version 2" update to the Semantic Model v1 is being developed. Version 2 will address a model definition for Multifunction Devices (MFDs) and define a core framework for:

- System, Jobs and Documents
- Vendor extensions

The updated model will also define the individual services and subunits/devices that are relevant to the Multifunction Devices.

[<ftp://ftp.pwg.org/pub/pwg/Semantic-Model/SemanticModelPlenary-20061026.pdf>]

2.1.6 IPP PSX - Status, Overview

Craig Whittle provided overview slides on the IPP Printer State Extensions (PSX). He explained the background request from the BMLinkS organization requesting the work, and gave the current status of the activity. BMLinkS representatives have confirmed that the current proposal developed by the project group is sufficient for their needs.

[<ftp://ftp.pwg.org/pub/pwg/ipp/PWG-Presentations/IPP-Printer-State-Extensions-20061026.pdf>]

It was noted that this activity needs a prototype development before it can progress towards a standard.

2.1.7 Projector & Display Mgmt BOF - Status, Overview

Rick Landau presented the Projector & Display Management activity. Although this group is still not a formally chartered PWG Working Group yet, he expects to achieve this status soon.

The group's goal is to develop a data model for the management data of video projectors and video displays. After defining an abstract model, an SNMP MIB will be created first. Other data access/management methods that the group will consider include DMTF CIM MOF and web services.

[ftp://ftp.pwg.org/pub/pwg/BOFs/pdm/PWGGtly200610_Proj&DispMgt_status.ppt]

2.1.8 PWG 2007 Schedule

Harry Lewis provided the planned face-to-face meeting schedule for PWG in 2007:

- Feb 19-20 Maui
- April 26-27 Piscataway, NJ (Possibly with FSG?)
- July 9-10 California <tbd>
- September<tbd> Montreal <tbd>
- December<tbd> San Diego <tbd>

PWG/FSG Plenary meeting adjourned.