



Open Printing Plenary

April 24, 2012

Cupertino, CA

Joint PWG/Open Printing Summit F2F Meeting

- Ira McDonald (High North/Samsung) – OP Chair
- Till Kamppeter (Linux Foundation/Canonical) – OP Manager

Agenda



- Open Printing 2011
- Google Summer of Code 2011
- Open Printing 2012
- Google Summer of Code 2012
- Status of CUPS Filters
- Printing in LSB 5.0
- Next Steps

Open Printing 2011



- Common Print Dialog
 - Designer – Peter Sikking
 - Developer – Lars Uebernickel (now at Canonical)
 - Scalable across desktop and laptop systems
 - Modest funding by German gov't and Canonical in fall 2011
- Common Mobile Print Client
 - Designer/Developer – Glen Petrie
 - Scalable across all mobile devices, screens, and input methods
 - Implemented in C
- OP Vector API 1.0
 - OP Standard issued in September 2010
- Google Summer of Code 2011
 - 3 projects

Google Summer of Code 2011



- Foomatic Enhancement to use SQLite
 - Mentor – Till Kamppeter
 - Developer – Daniel Dressler
 - Replaced 10,000 lines of C w/ Perl programs
- Ticketed Print Monitoring System
 - Mentor – Danny Brennan
 - Developer – Samantha
 - University users job ticketing
- OpenICC Color Management
 - Mentor – Till Kamppeter
 - Developer – Joe Simon
 - Oryanos integration w/ Common Print Dialog

Open Printing 2012



- Common Print Dialog
 - Designer – Peter Sikking
 - Developer – Lars Uebernickel (now at Canonical)
 - Scalable across desktop and laptop systems
 - Delayed start due to Ubuntu priorities
- Common Mobile Print Client
 - Designer/Developer – Glen Petrie
 - Scalable across all mobile devices, screens, and input methods
 - Implemented in C
- Google Summer of Code 2012
 - 3 projects

Google Summer of Code 2012



- Lightweight PDF Manipulation Tool
 - Mentors – Hin-Tak Leung, Till Kamppeter
 - Developer – Tobias Hoffman
- JTAPI Library
 - Mentor – Glen Petrie
 - Developer – Daniel Dressler
- Open Printing Website Enhancements
 - Mentors – Till Kamppeter, Eric Searcy, Jeff Licquia
 - Developer – Jannes Jeising

Status of CUPS Filters



- CUPS filters not relevant for Mac OS X moved from CUPS to OpenPrinting (package cups-filters)
- Filters for PDF workflow added
- pdftopdf and pdftoopvp filters copied source code from Poppler
 - pdftopdf will be replaced by GSoC project of Tobias Hoffmann
 - pdftoopvp: Replace by Ghostscript-based script?
- First implementation of native PDF printer support
- Issue: Ghostscript-generated PostScript rendered too slowly on many PostScript printers
 - Introduced several workarounds

Printing in LSB 5.0 (Jeff Licquia)



- SANE
- D-Bus
- Modularization

Next Steps



- Open discussion
 - OP JTAPI complements PWG Print Job Ticket
 - Other PWG and OP collaboration?
- OP monthly teleconferences on Wednesdays
 - Next OP Call on Wed 23 May 12pm EDT