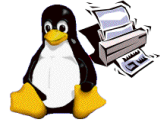




Organization





“Standardizing on a Scalable Print Environment in Linux.”

Embedded/Mobile ↔ Desktop/Home ↔ Office ↔ Production

Mission Statement

The goal of the OpenPrinting is to

develop and promote a set of standards

that will address the needs of

mobile to desktop to enterprise-ready to production printing;

including

management, reliability, security, scalability, printer feature access and network accessibility.

<http://www.openprinting.org/>





Objectives

✦ OpenPrinting : Input

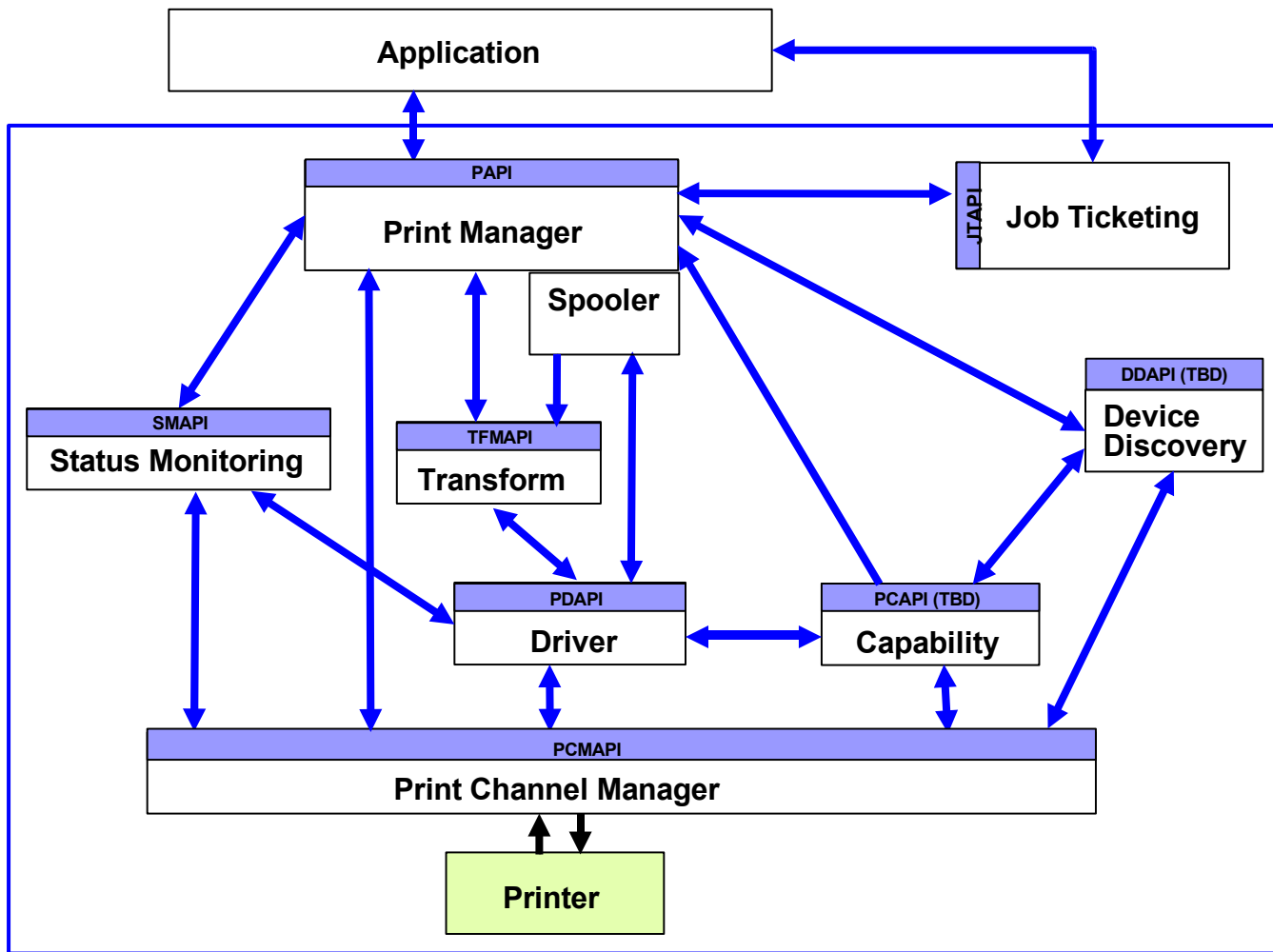
- ✗ OpenPrinting accepts input from interested parties in IT industry, government, education and the open source community

✦ OpenPrinting : Output

- ✗ Draft specification and implementation released together
- ✗ Public review of work
- ✗ Once specification has been accepted by *both* Workgroup and Steering Committee
- ✗ An FSG standard specification that points to a publicly available, open source implementation



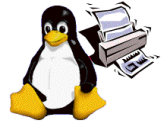
OpenPrinting Reference Model





Working Groups and Objectives

- ■ Steering Committee (printing-sc@freestandards.org)
 - ✗ Provide overall priorities and top-level coordination
- ■ Architecture (printing-architecture@freestandards.org)
 - ✗ Develop a modern printing architecture for Linux
- ■ Job Ticket (printing-jobticket@freestandards.org)
 - ✗ Provide a neutral interface to create/consume job tickets (JTAPI)
- ■ Spooler (printing-spool@freestandards.org)
 - ✗ Provide a neutral interface for application print services (PAPI)
- ■ Raster Driver - Inactive
 - ✗ Provide a neutral interface for raster printing
- ■ Vector Driver (printing-japan@freestandards.org)
 - ✗ Provide a neutral interface for vector printing
- ■ Status Monitoring (printing-japan@freestandards.org)
 - ✗ Provide a neutral interface for acquiring static and real-time printer status (SMAPI)
- ■ Print Channel Manager (printing-japan@freestandards.org)
 - ✗ Provide a neutral interface for communicating with any printer (PCMAPI)



Milestones & Activities

- July 2005 – FSG Standard PAPI 1.0 Standard
- July 2005 – FSG Standard JTAPI 1.0 Standard, C Headers, UML
- Oct 2001 – Print Summit Meeting
 - ✕ Formation of FSG OpenPrinting project
- Periodic Joint PWG/FSG Meetings
 - ✕ Working Group Status and Interaction
- Biweekly Phone Meetings – all active working groups
- Email Communications – mailing list for each working group



International Steering Committee

■ Divided into two major teams

◆ Japan

- Higuchi Takaaki (Sun)
- Mihara Osamu (FUJI XEROX Printing Systems)
- Shida Keisho (Canon)
- Toratani Yasumasa (Canon)
- Kentaro Ide (Epson)

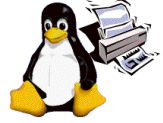
◆ US/Europe

- Norm Jacobs (Sun)
- Ira McDonald (High North)
- Glen Petrie (Epson)
- Till Kamppeter (Mandriva)

■ Objectives

- ✗ Provide oversight to OpenPrinting Activities
- ✗ Provide direction setting to OpenPrinting Activities
- ✗ Provide coordination between OpenPrinting Working Groups
- ✗ Set priorities for OpenPrinting Activities
- ✗ Release Specification/API from OpenPrinting Working Groups
- ✗ Report to FSG Board on OpenPrinting Activities





Future Activities

- Complete sequence diagrams
- High-level architecture/reference model
- Release Vector Driver API
- Release Print Channel Manager (PCM) API
- Define/design Capabilities API
- Define/design Device Discovery API





Documents

■ FSG OpenPrinting PAPI 1.0 Standard

✗ <ftp://ftp.pwg.org/pub/pwg/fsg/spool/papi-v1.0-2005-07-15.pdf>

■ FSG OpenPrinting JTAPI 1.0 Standard

✗ ftp://ftp.pwg.org/pub/pwg/fsg/jobticket/JTAPI_Spec/fsg-openprinting-jobticket-api-v0100-2005015.pdf

■ FSG Open Printing documents

✗ <ftp://ftp.pwg.org/pub/pwg/fsg/>

■ FSG Open Printing WIKI

✗ <http://www.openprinting.org/>

■ Slides – OSDL Print Summit

✗ ftp://ftp.pwg.org/pub/pwg/fsg/April2006-OSDL-Printing-Summit-Slides/2006-04-10-FSG_Overview_OSDL_Printing_Summit.pdf

