Organization

Free Standards Group

OpenPrinting

America/Europe | *Japan*

Steering Committee | *Steering Committee*

Architecture	Vector Driver
Job Ticket	Status Monitoring
Spooler	Print Channel Manager
Raster Driver (inactive)	

Mission

"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 implementation has been accepted by *both* upstream authors and at least two Linux distribution vendors, then it is "real":

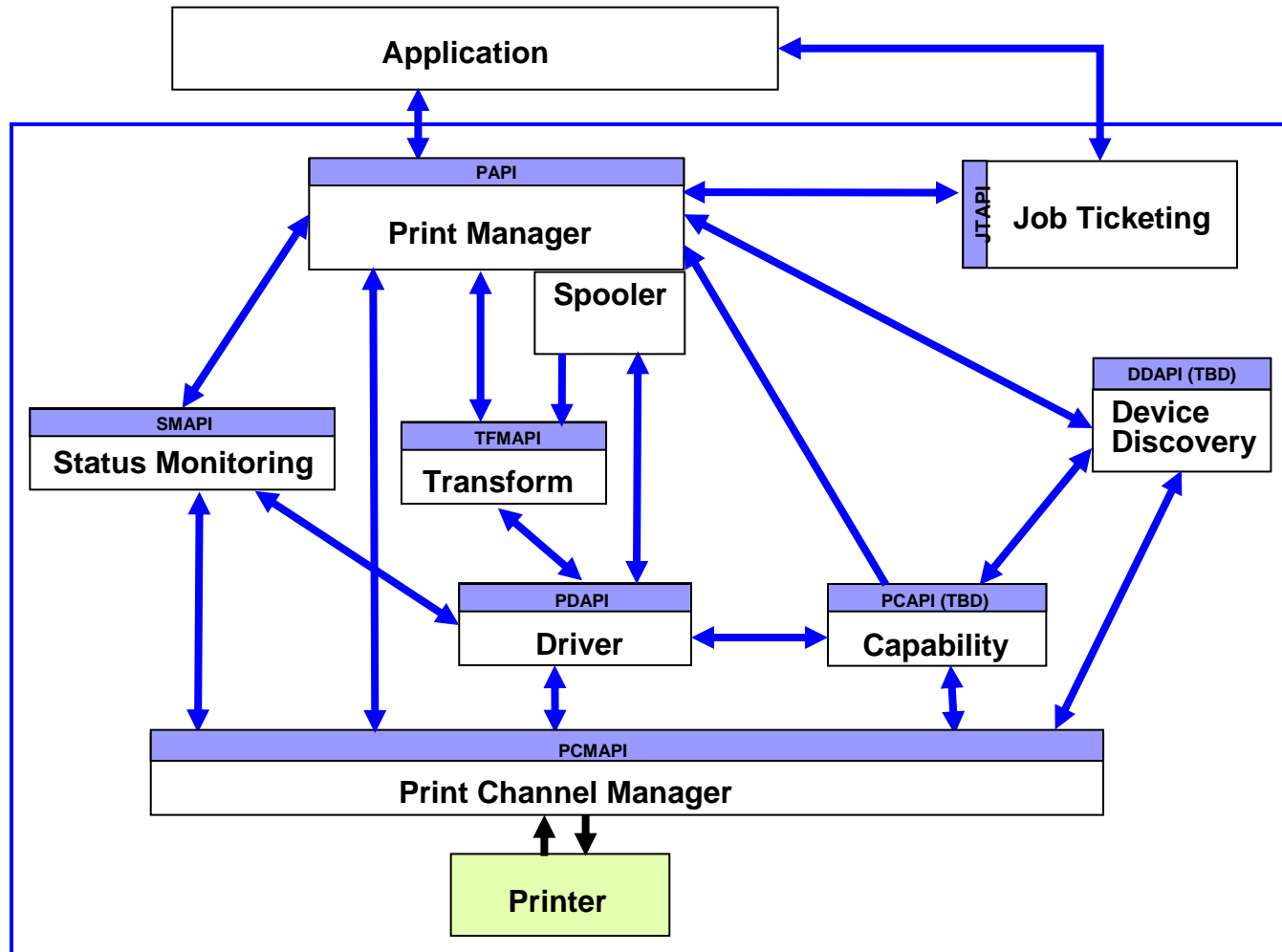**A published specification that points to a globally utilized, open source implementation**

OpenPrinting Reference Model

Working Groups and Objectives

- **Steering Committee**
  - Provide overall priorities and top-level coordination

- **Architecture**
  - Develop a modern printing architecture for Linux

- **Job Ticket**
  - Provide a neutral interface to create/consume job tickets (JTAPI)

- **Spooler**
  - Provide a neutral interface for application print services (PAPI)

- **Raster Driver - Inactive**
  - Provide a neutral interface for raster printing

- **Vector Driver**
  - Provide a neutral interface for vector printing

- **Status Monitoring**
  - Provide a neutral interface for acquiring static and real-time printer status (SMAPI)

- **Print Channel Manager**
  - Provide a neutral interface for communicating with any printer (PCMAPI)

Milestones & Activities

- **Oct 2001 – Print Summit Meeting**
  - Formation of FSG OpenPrinting project

- **Periodic Joint PWG/FSG Meetings**
  - Working Group Status and Interaction

- **July 2005 - Released PAPI 1.0 Specification**

- **July 2005 - Released JTAPI 1.0 Specification, C Headers, UML**

- **Biweekly Phone Meetings – all active working groups**

- **Email Communications – mailing list for each working group**

International Steering Committee

Divided into two major teams

Japan

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

- OpenPrinting requirements document

- Define/design Capabilities API

- Define/design Device Discovery API

Documents

- FSG Architecture documents
  - ftp://ftp.pwg.org/pub/pwg/fsg/architecture/

- Slides – OSDL Print Summit
  - ftp://ftp.pwg.org/pub/pwg/fsg/April2006-OSDL-Printing-Summit-Slides/2006-03-29-FSG_Overview_OSDL_Printing_Summit.ppt

Working Group Information

- Weekly FSG Architecture conference calls
  - Wednesday at 3:00 PM US Eastern for 1 hour

- Subscribe to FSG Architecture mailing list:
  - http://freestandards.org/mailman/listinfo/printing-architecture

- Post a message to FSG Architecture mailing list
  - printing-architecture@freestandards.org

- FSG Architecture mailing list archives
  - http://freestandards.org/mailman/listinfo/printing-architecture

- Participants
  - Claudia Alimpich (IBM)
  - Jody Goldberg (Gnome)
  - Mark Hamzy (IBM)
  - Tom Hastings (Xerox)
  - Norm Jacobs (Sun)
  - Till Kamppeter (Mandriva)
  - Ira McDonald (High North Inc)
  - Glen Petrie (Epson)
  - Pete Zannucci (IBM)