

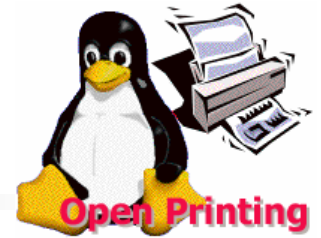
Free Standards Group OpenPrinting WG US-Japan Steering Committee

March 23 - 25, 2004

Version 0.4

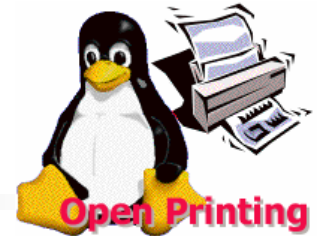
Free Standards Group OpenPrinting WG
Asia/Japan Region

Date, time and location



- Date
 - March 23(Tue) - 25(Thu), 2004
 - 09:00 - 17:00
- Location
 - SEIKO EPSON Shinjuku Head Office
 - Shinjuku NS Building 11th Floor
 - March 23 and 24: Meeting Room 208
 - March 25: Meeting Room 203

Participants



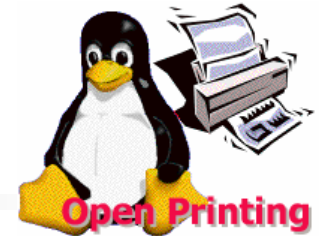
- North America
 - Mark Hamzy, OpenPrinting WG, Chair, IBM
 - Glen Petrie, OpenPrinting WG, Architecture, EITC
 - Ira McDonald, PWG, High North (joining via teleconference)
 - Claudia Alimpich, OpenPrinting, JT, IBM (joining via teleconference)
 - Norm Jacobson, OpenPrinting, PAPI, Sun (joining via teleconference)
- Asia/Japan
 - Osamu Mihara, OpenPrinting WG, Vector Driver, Leader, FXPS
 - Toratani Yasumasa, OpenPrinting WG, Bi-di, Leader, Canon
 - Takaaki Higuchi, OpenPrinting WG, Japan/Asia, Secretary, Sun Microsystems
 - Akio Kido, Free Standards Group, IBM Japan
 - Naomi Matsutake, AXE
 - Otani Yoshihisa, AXE
 - Nakajima Toyohisa, EPSON KOWA
 - Olaf Meeuwissen, EPSON KOWA
 - Nomura Kazuo, EPSON SOFTWARE LABORATORY
 - Shida Keisho, Canon

Agenda --- March 23



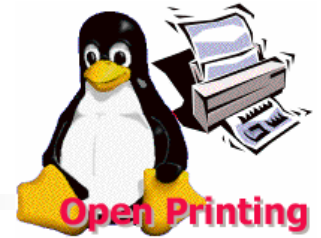
- Tuesday(03/23)
 - 09:00 - 09:30
Intro and Identify agenda items
 - 09:30 - 12:00
Current Activity and discussion --- N. America/Europe
Scenario (Mark, Glen)
TAPI
 - 12:00 - 13:00
lunch break
 - 13:00 - 15:00
PAPI
 - 15:00 - 16:30
Driver
 - 16:30 - 17:00
Wrap of the day (all)

Agenda --- March 24



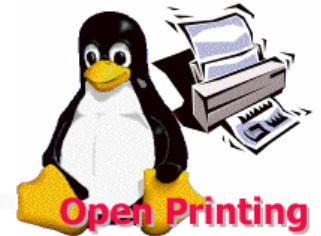
- Wednesday(03/24)
 - 09:00 - 10:30
Current Activity report --- Asia/Japan
Vector (Mihara)
 - 10:30 - 12:00
Bi-di (Toratani)
 - 12:00 - 13:00
lunch break
 - 13:00 - 15:00
The agency funded project (I.P.A. activity report--- summary)
(Meeuwissen/Matsutake)
 - 15:00 - 16:30
Review and future subjects and schedule (all)
 - 16:30 - 17:00
Wrap of the day (all)

Agenda --- March 25



- Thursday(03/25)
 - 09:00 - 12:00
 - Summary (items, schedule, future subjects and issues.....)
 - 12:00 - 13:00
 - lunch break
 - 13:00 - 14:00
 - Summary
 - US-Asia/Japan joint activity plan and overall issues.....

Participants --- March 25



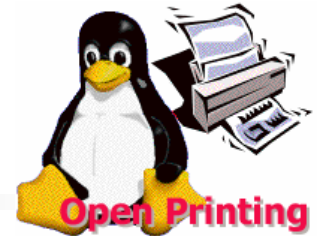
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- Asia/Japan
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 - Canon: Toratani Yasumasa, Shida Keisho
 - Takaaki Higuchi, OpenPrinting WG, Japan/Asia, Secretary, Sun Microsystems
 - IBM Japan: Akio Kido, Jun Furusawa
 - AXE : Takeoka, Naomi Matsutake, Otani Yoshihisa, Shibata
 - EPSON KOWA: Nakajima Toyohisa, Olaf Meeuwissen, Kobayashi
 - SEIKO EPSON: Nagasaka, Ide
 - Nomura Kazuo, EPSON SOFTWARE LABORATORY
 - Yamagishi, Turbolinux
 - Kanjyo, BBR
 - Kimura, Abe, E&D
 - Kobayashi, MINT

Agenda --- March 25



- Thursday(03/25)
 - 14:15 - 16:15
 - FSG OpenPrinting WG Asia/Japan Plenary Meeting
 - Steering Committee Overview
 - Regional activity plan
 - US - Asia/Japan joint activity plan.....
 - 16:15 - 17:00
 - IPA font
 - Presentation from The agency

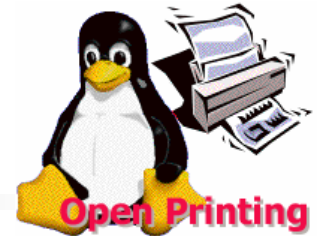
Issues and concerns



■ Architecture

- U_J: Need to define library, client service and standalone interfaces and check the SANE API.
- U_J: need a finalized reference model for both team to work form.
- J: Use model from Japanese team, including mobile, PDA, desktop, transactional (form) printing, i.e., utility bills, etc., (preprinted and electronic form printing.) PODi/PPML(personalized print markup language) KIOSK printing.
- J: To identify the architecture issues by Japanese team and communicate by email.
- J_U: Should study all subgroup proposals(documents) as well as monthly status report. (JTAPI does weekly report.)
- Member
 - Mark H, Glen P, Ira M, Norm J, Till K, Jody G, Claudia A, (+ Tom H, Pete Z,.....)

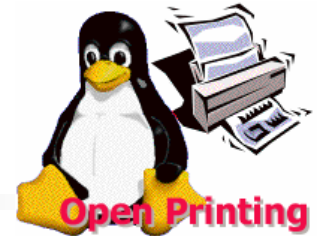
Issues and concerns



■ Architecture

- U: Provide Japanese team the US local specific requirement/needs - -- use model
- U: Summarizing requesting Japanese team address/focus on specific activity --- high level or/and detailed architecture levels.(J: Nomura-san study the resource/participation.)
- U_J: Name space and key values definition and policy.
- U_J: Identify the graphics art printing (magazine/off-set printing or printing press) expert to write use model.
- U_J: Identify the Pay for print expert to write use model.
 - College and library.....
- Set up the installation and environment information.
 - Needs to be done for every subsystems
 - Registry.....
 - Version registry.....

Issues and concerns



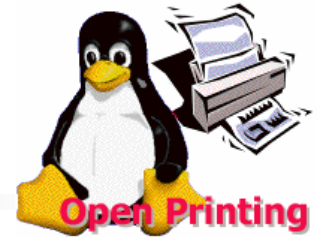
- JTAPI
 - U: White paper to Japanese team --- end of May 2004 for Job ticket reference implementation for ver1.0. (The agency may not likely to accept an alpha version.)
 - J: Translate the white paper for the presentation to agency --- mid Jun 2004. --- language translation as well as form submission
 - U: Complete engineering (software dev) proposal --- end of Jan 2005 for Job ticket reference implementation for ver 1.0.
 - J: Translate the engineering proposal --- end of Feb 2005 and presentation for ver 1.0. --- language translation as well as form submission.

Issues and concerns



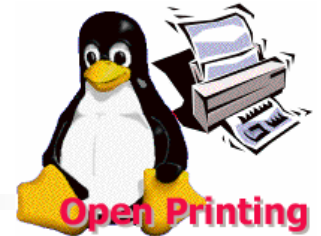
- PAPI
 - U_J: Steering committee and architecture team should help define what should be in PAPI ver 1.0 release.

Issues and concerns



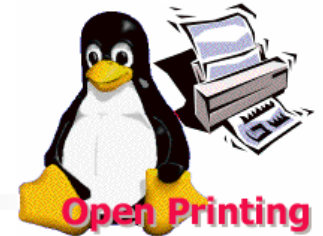
- PDAPI --- will discuss on 03/24
 - Vector
 - Bidi
 - Device font

Issues and concerns



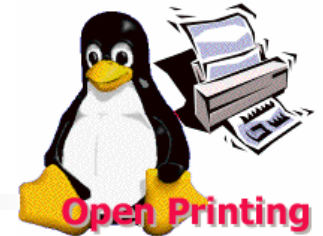
- Steering committee action items --- #1
 - U_J: How often F2F meeting should be held?
 - Twice a year does not correspond to general FSG F2F meeting.
 - Set dates for 2004 and 2005 if possible on 03/25.
 - Twice a year (#1: US, #2: JPN)
 - (2004) Jan, Feb, Jul:, Aug: Montreal, Oct: Lexington KY, Nov: San Antonio TX
 - (2005) March: Tokyo or other location.....
 - U_J: Planning the activity
 - U_J: License could be specifically between spec and implementation.
 - GPL vs CPL
 - US team supported MIT license.
 - IBM/Omni supported LGPL.
 - U: Resolve the GPL and CPL incompatibility with FSF.
 - J: Discuss with the agency to consider the GPL to MIT or CPL.
 - FDL (GNU Free Document License)
 - Specification (document) only
 - U_J: Tentatively agreed but need further discussion with other members. Resolutions by email.

Issues and concerns



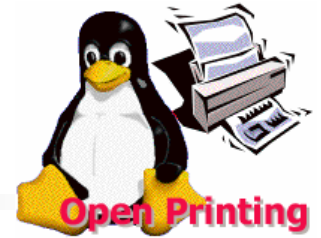
- Steering committee action items --- #2
 - Scott McNeil: How to engage HP!! Lexmark?
 - How to involve the rest of the world?
 - How to promote
 - Developer, solution vendors and community. --- TBD
 - Other Linux group interface/interactive.....
 - CE Linux (Consumer electronics)
 - MontaVista, SONY, Panasonic, IBM, HP, Phillips
 - Emblix (Embedded Linux): Japan
 - US: Embedded Linux Consortium
 - IEC/ISO JT C1/SC22
 - FSG is PAS (Public Available Specification) for ISO.
 - The Japanese agency funded project deliverables
 - Release/approve/license process for;
 - Document
 - Reference implementation
 - Need specification format definition: Glen (end of April)
 - Roadmap for overall openprinting
 - U_J: Each subgroup leader submit in mid April to Mark H.

Issues and concerns



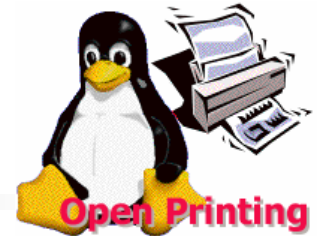
- Steering committee action items --- #3
 - Promotion
 - How Steering Committee promote the OpenPrinting
 - Who would promote to?
 - solution vendor, foomatic, user group...
 - Identify/make the coherent package/story
 - Discuss with Scott McNeil --- Mark Hamzy and Shida.
 - Subgroup (number indicates priority)
 - 1. Architecture
 - Reference model, installation/registry
 - Should discuss the capability (printer/driver) --- define the requirement.
 - 2. PSM (Print Stream Manager) – new subgroup
 - USB/parallel direct/1284.4
 - Asynchronous/Synchronous
 - 3. PDAPI (vector/raster)
 - U: Raster
 - J: font/text rendering
 - 4. SM (Status Monitor aka Bi-di plug-in)
 - Event handler

Issues and concerns



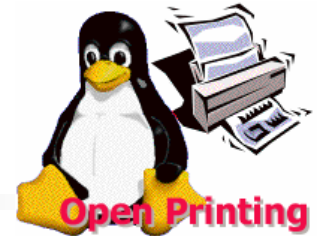
- Steering committee action items --- #4
 - 5. PAPI (Print manager, application interface)
 - What is ver 1.0
 - 6. Capability – new subgroup
 - printer/driver
 - JTAPI
 - Spooler
 - Renderer
- Schedule
 - Ask to subgroup #1-5 in above to submit the scheduling
 - Specification
 - Implementation if it is planned or resources exist
 - Submit the monthly status report against the schedule

Issues and concerns



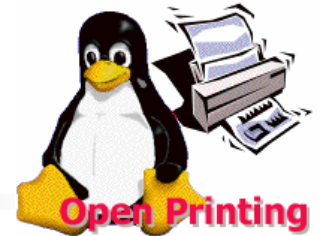
- Vector
 - U_J: Need alignment with PDAPI study team activity for name space and key values.
 - (Ex): "fsgpd..."
 - U: Driver group will study how to merge with the vector driver development of Japan.
 - J: Study vector/raster driver for command line input for standalone.
 - Test suite for driver APIs.

Issues and concerns



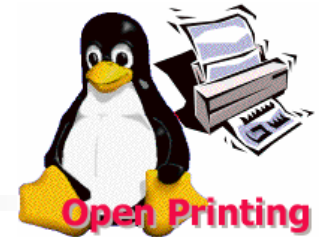
- Status Monitor (aka Bi-di plug-in)
 - Discussion at the US architecture meeting:
 - Change the name
 - bi-di specs becoming status monitoring specs
 - Create a new subgroup
 - To study the stream manager (I/O control manager)
 - open, close, read, write, error
 - API
 - Write to start as like "fsgjtNewDocument..."
 - (Ex): fsgsm.... → fsgsmStartStatus
 - Status monitor;
 - Send status monitor data in different format/language.
 - Bi-di
 - Plug-in API names vs shared library names
 - See/refer the SANE...
 - Call back capability

Issues and concerns



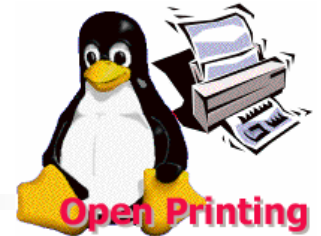
- The agency funded project ---#1
 - Study and approve process for the API
 - J: Vector and SM (aka bi di) review by Japanese team: end of April
 - Japanese team conduct internal discussion, such as sample code....
 - Need PSM solutions
 - J: Submit specs to the steering committee: end of April
 - U: Architecture group study them and send comment to Japan team by: end of May
 - Public review: month of May (Only specs) --- ending end of May
 - Release as beta version
 - J: Collect the inputs and review/update: month of June
 - Repeat the review process(2nd iteration): month of July (RC?)
 - How to handle the code: sample code (mm/dd)
 - Make available to distributors: mm/dd
 - Promote to APP vendors:

Issues and concerns



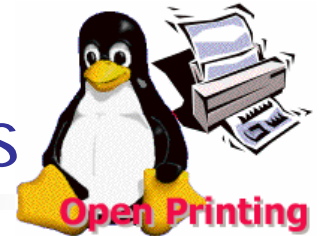
- The agency funded project ---#2
 - Study and approve process for the API
 - Steering Committee
 - Define the level/process of code review: Research by Higuchi → Kido
 - Code representing FSG: Need FSG board approve
 - OpenPrinting Group believe that it is reference implementation
 - Using existing FSG Working Group policy document, accept or modify to meet with OpenPrinting needs for software development.
 - Developer/contributor: sample code
 - EPSON KOWA
 - Release only as the agency (IPA).
 - J: Reference Implementation acceptance criteria --- Need local meeting with Japanese team. (Draft by Oct 2004, SC joint meeting F2F meeting)
 - Coding standard
 - Documentation standard
 - Testing....etc.,
 - What ML requires for public review: Vector/SM sub group
 - Have to solve the license issues

Issues and concerns



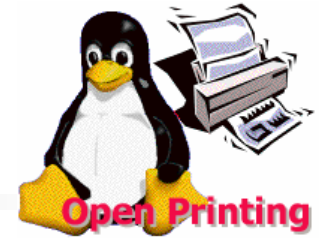
- PSM
 - U_J: Need to set up PSM group --- Ngasaka-san will study how to contribute from the EPSON group.
 - Team leader: Nagasaka, Nomura, Otani(AXE)
 - Requirement: TBD
 - Implementation: TBD
 - IP --- HP and Genoa Technology
 - 1284.4 protocol USP 5453982, 1996
 - Further study will made by Toratani-san.

Action Items for Japanese team members



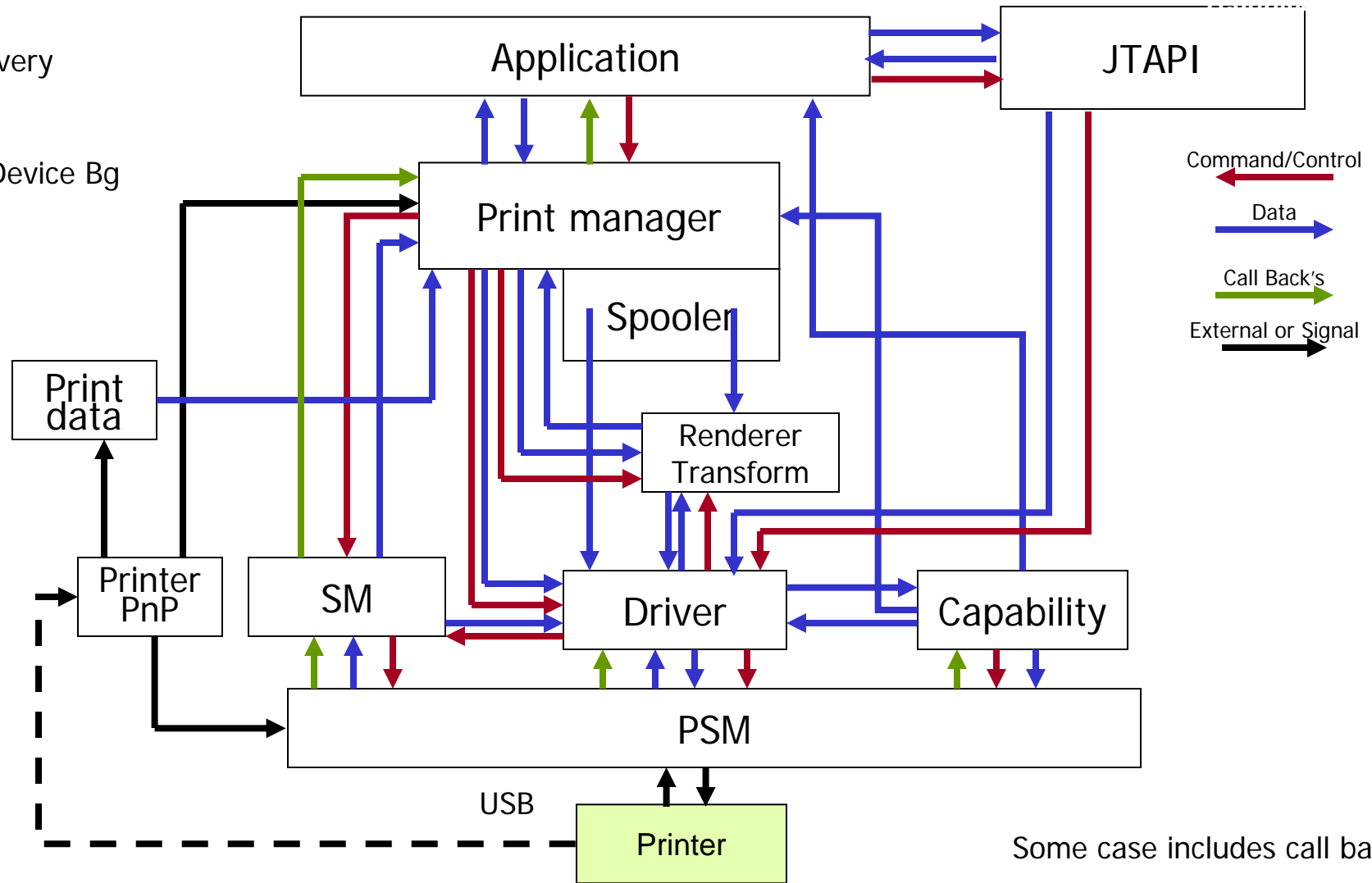
- Review the specification of US and slides that delivered during the meeting send comments to them by April 16.
- Should we consider as alpha release (reduce the capabilities) vs ver 1.0 release.
- Any request for US team as regards of any item or specs.

Reference Model – open discussion



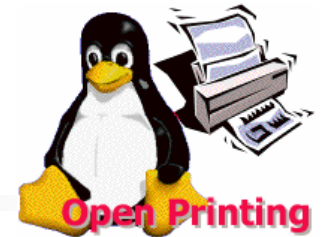
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Discovery
UPDF
PPD
FSG Device Bg



Some case includes call back

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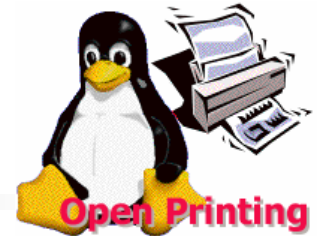
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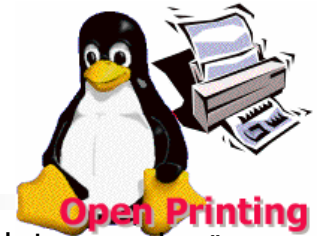
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