

CUPS driver issues:

1. GPL Ghostscript duplex support is missing. For Inkjets the backpage needs x and y inversion. CUPS attributes cupsFlipDuplex and cupsBackSide may have worked for ESP Ghostscript, but not in the current GPL Ghostscript 8.63. What does pdftoraster do?
2. CUPS filter pstoraster does not allow duplicate papersizes with different printable regions. For example Letter and LetterDuplex use the same paper size, but have different printable regions. When LetterDuplex is selected only the printable region for Letter is passed to CUPS driver. What does pdftoraster do?
3. Static PPDs or dynamic? Older versions of CUPSDDK ppdc create corrupt PPDs (ie: Ubuntu 8.04).

General issues:

4. The new DeviceKit (Fedora 11) will replace HAL fdi device permission or ACL policies. Is there more information about this? Are all distros going to support it (ie: Suse). What does LSB support?
5. System-config-printer is used by Fedora/Red Hat and Ubuntu. It would be nice if every Distro used the same solution for auto-discovery, printer setup and systray applet.
6. The system-config-printer systray applet handles in-band printer messages, but what about out-of-band printer messages. Is there a specification for sending notifier messages the systray applet? This would be helpful for informing the user when a proprietary plugin may be needed for a printer at hotplug time.
7. Different distros have packaged HPLIP differently. Maybe LSB will solve this, but can we have a common set of packages for HPLIP? This will help backporting new packages for "Big Deals" on different distros.
8. Cupstestppd is used by our customers for PPD validation. Unfortunately using cupstestppd for PPD validation is a moving target. For example PPDs that passed cupstestppd 1.1.23 will not pass cupstestppd 1.3.7. This does not mean the PPDs are bad, but this is hard to explain to the customer. Backporting PPDs is expensive, time consuming and not always practical to re-test. Printer may no longer be available. Can we add a compatibility command option to cupstestppd so that we can show that PPDs are compatible with a specific version of cupstestppd? See the following example.

```
cupstestppd -R 1.1.23 *.ppd
cupstestppd -R 1.2 *.ppd
cupstestppd -R 1.3 *.ppd
```
9. Need to integrate the distro's auto installer with HP devices that requires a plugin. With HP printers that require the binary plugin to work, most of the distros's auto installer will try to find a PPD that partially matches the device's name and install a queue for the device. This is not acceptable because it gives the customer an illusion that

their device will work when it doesn't. Recommend distro installers to call **hp-plugin**.

10. Common Printing Dialog

- a. What is the current state of common printing dialog architecture
- b. Do we have the consensus from application vendor, distros, and system print dialog to adopt this architecture?
- c. What is the timeline for including this in distros?

11. Binary Package - offline question

- a. Where are we with the common binary packages
- b. Will the distro sign up to provide mechanism to support this?
If so, when will it be available?