



HPLIP 2008 State of Affair



Hewlett-Packard Linux Imaging and Printing Project (HPLIP)

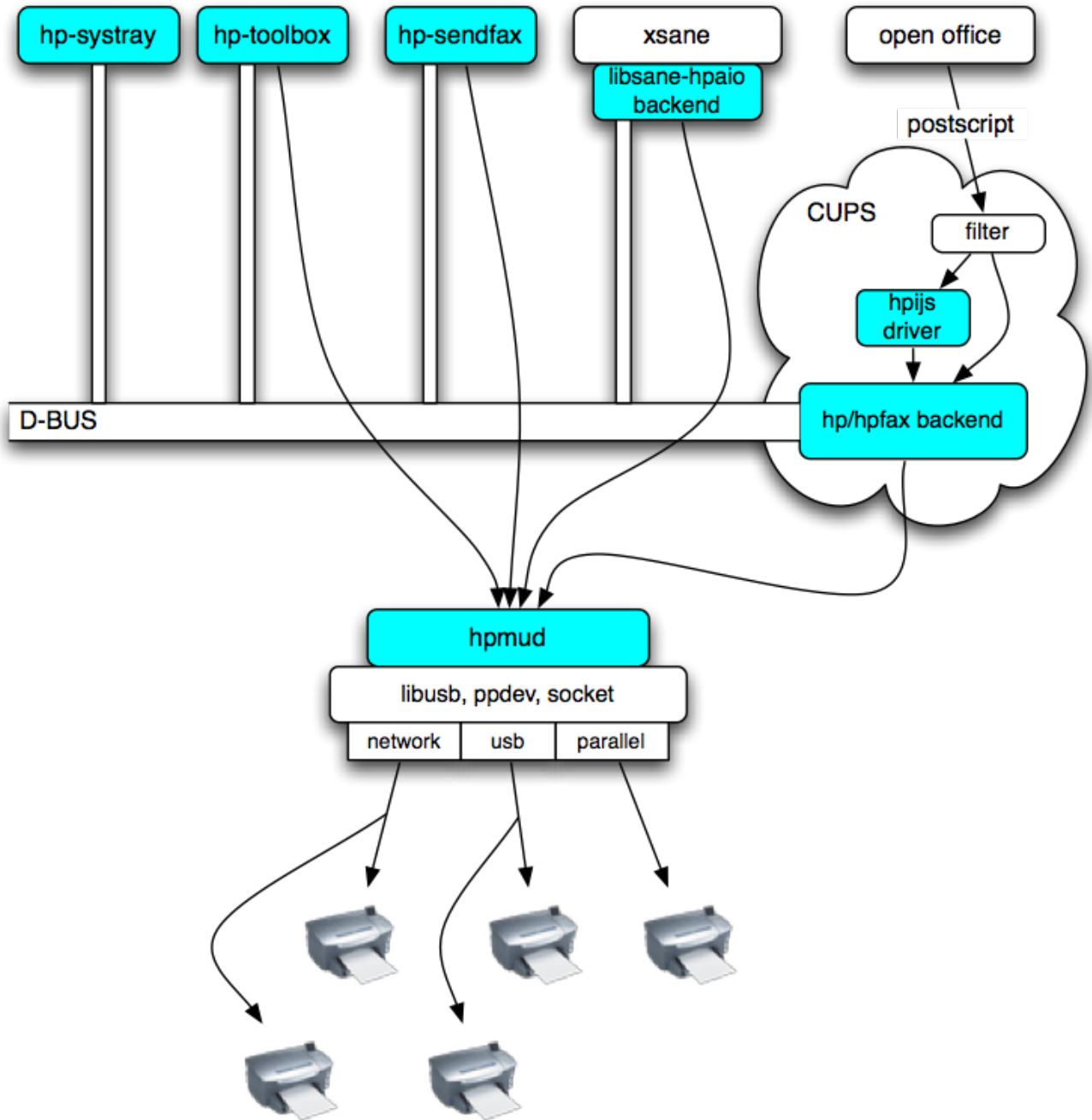
- Unified solution for HP single and multi-function devices
- Open source project at hplip.sourceforge.net
- Supports printing, scanning, faxing and photocard
- Designed to work with CUPS
- Started with HPIJS in 3/27/2001
- Became HPLIP in 12/6/2004



Since Linux Foundation Summit, Mountain View CA, June 13

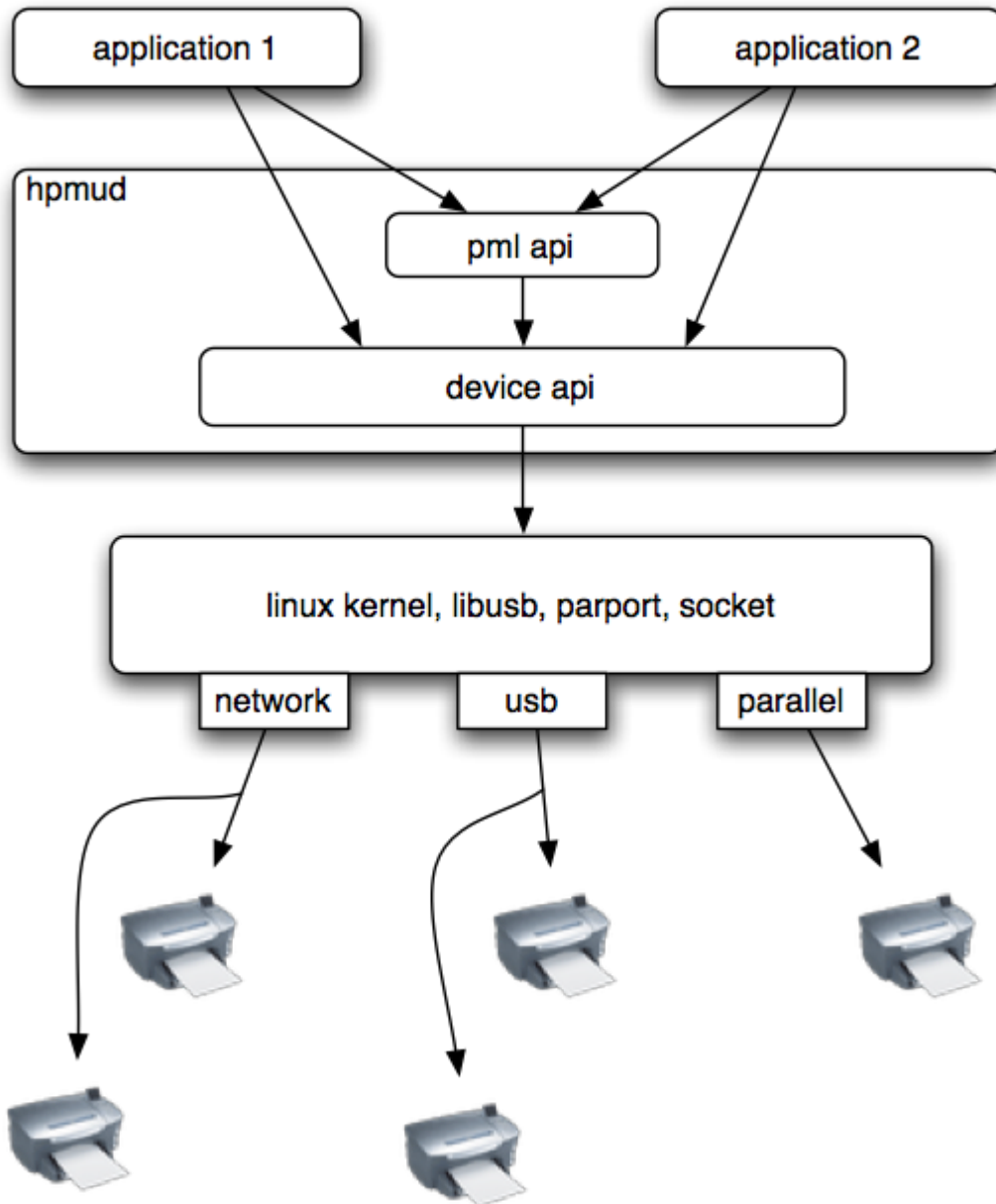
- Seven new HPLIP releases 2.7.6 -2.8.4
- Added support for 45 new printers
- Removed all persistent system daemons
- Replaced foomatic PPD support with CUPSDDK
- Added UDEV plug-in-play support
- Added binary plug-in support
- Added D-BUS based systray and event system

HPLIP Overview (HPLIP components are in blue)

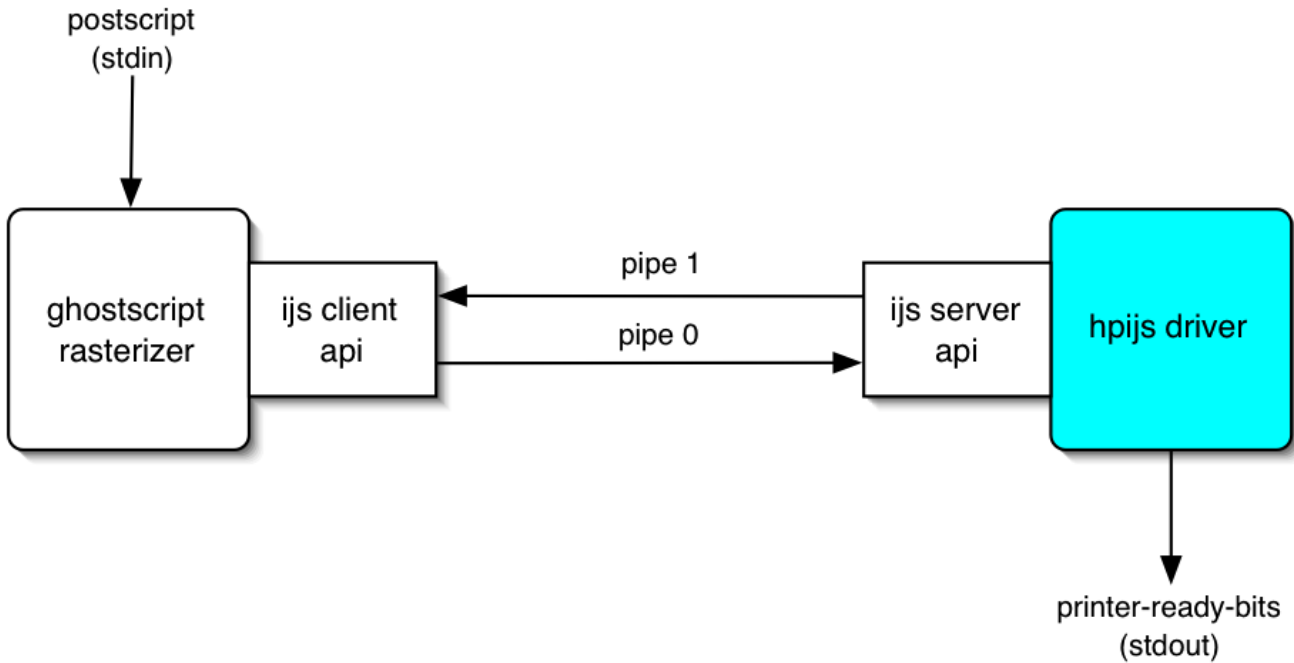


4/4/2008

Mult-Point Transport Driver (hpmud)



IJS Interface (plug-in for ghostscript drivers)



notes:

1. Generalized IPC interface.
2. Written by Raph Levien of Ghostscript.
3. Project is available at www.linuxprinting.org/ijis .
4. Wire protocol is specified in "IJS Protocol Specification Version 0.35".
5. Device specific commands can be passed from the gs command line to the driver.
6. Driver and model support are negotiated at runtime per job.
7. Different colorspace are supported (ie: gray, rgb, cmyk and krgb).
8. Interface supports stdin/stdout file i/o.