



Printing and the LSB 4.0

Till Kappeter, OpenPrinting

Joint Meeting of **OpenPrinting** and the **LSB workgroup**
on the **Linux Foundation Collaboration Summit**

Austin, Texas, April 10, 2008





LSB 3.2: Printing Requirements for the First Time

- **CUPS 1.1x convenience API**
- **Printing API of Qt**
- **Renderer/Driver interfaces**
 - IJS
 - CUPS Raster
 - OpenPrinting Vector
- **Foomatic-rip**
- **Search path for PPD files**

With these requirements applications with printing functionality can be easily coded and distribution-independent driver packages can be created.



- **SANE (Scanner Access Now Easy) 1.0.x**
 - For multi-function devices and stand-alone scanners
 - Stable interface for years
 - Present in all Linux distributions
 - SANE 2 development did not start yet
- **Uplift of interface versions**
 - Underlying SLES/RHEL still same version as in LSB 3.2, therefore new interfaces of uplift only in an optional add-on
 - CUPS 1.2.x convenience API
 - GTK 2.10.x or newer
 - OpenPrinting Vector 1.0
- **What about CUPS 1.1.x IPP interface?**
 - It is in all distros
 - More flexibility for printer access