



Google Summer of Code 2009 and OpenPrinting

Till Kamppeter
OpenPrinting Manager, The Linux Foundation



- **Google does this year's GSoC somewhat smaller:**
 - 150 mentoring organizations
 - 1000 students
- **The Linux Foundation is one mentoring organization:**
 - 17 project ideas offered, 14 with useful applications, 1 useful proposed by student
 - 25 student applications, 19 useful ones
 - OpenPrinting proposed 10 ideas and got 8 useful applications on distinct projects
- **Much less applications than last year but much better applications**



- **Common Printing Dialog (CPD)**
 - Student #1: Patch applications to use CPD: OpenOffice.org, Thunderbird, ...
 - Student #2: Finish GTK version of CPD
 - Student #3: Finish Qt version of CPD
- **OpenPrinting web site browsing web app improvements**
 - 1 student, already working on it. It is urgent as our server gets very often overloaded
- **OpenPrinting web site driver/PPD upload manager**
 - 1 student: Control and authentication of uploads, automatic addition to the package archive, indexing, adding to database
- **Job Ticket API implementation**
 - Student #1: Implementation of libjtapi
 - Student #2: Development of JTAPI sample application
- **Printer configuration backend for Oyranos/CUPS**
 - 1 student. Oyranos is a software for system-wide color management



Selection of the Students

- **Application review deadline is April 15, some days after the Summit**
- **Project selection criteria**
 - Urgency of the work needing to be done
 - Student qualification and experience
- **We can occupy a maximum of 8 student slots for OpenPrinting**
 - If we get enough slots we will run all projects
 - Otherwise we need to decide on what we drop, preferably here on the Summit
 - The best would be to put all projects into a priority order
- **We will get a first estimate on the slots assigned to us (the LF) on Thursday**