

We want you! for



aka Debian-Edu

based on a presentation held at the debian miniconf at LCA 2007 in Sydney

About the two names...

- nowadays debian-edu and skolelinux are used as synonyms – it's the same project
- skolelinux was started in 2001 in norway, debian-edu at around the same time in france
- I tend to say that
 - debian-edu is name of the project
 - skolelinux is the name of the distribution
- skole is norwegian and means school



Outline

- some bits about me
- a mix of facts, history & statistics
- status of world-domination
- school specific needs
- architecture & features
- development model & tools
- contributions to Debian
- current challenges



Some bits about me

- running Debian stable as primary OS since 1996
- founded the Debconf video-team in 2005
- in NM queue since 2005, now approved by AM
- FAI (fully automatic installation)
- Debian-QA / piuparts
- Debian-edu member, powerpc porter, ftpmaster
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debian-edu and debian

- official Debian sub-project (and another CDD (Custom Debian Distribution))
- more than 25 developer gatherings in norway, germany, spain, brazil and now france – good to improve cooperation and to avoid flamewars
- approx. 30 debian-edu developers, more than 150 translators and documentation writers
- >1000 debian developers :-)
- 6-10 packages which are currently not in debian
- target for lenny: 0 packages not in debian

debian-edu in schools worldwide and beyond

- used in more than 450 schools worldwide - mostly europe (300 in .no, 70 in .de) but also more than 60 in africa, distributed via <http://fairinternational.org/>
- between 200 and 30000 users per school
- cooperation agreements with Edubuntu, LinEx (Extremadura Spain), KDE-edu, PSL-Brasil, mEDUXa and the UN/MIT project One Laptop per Child



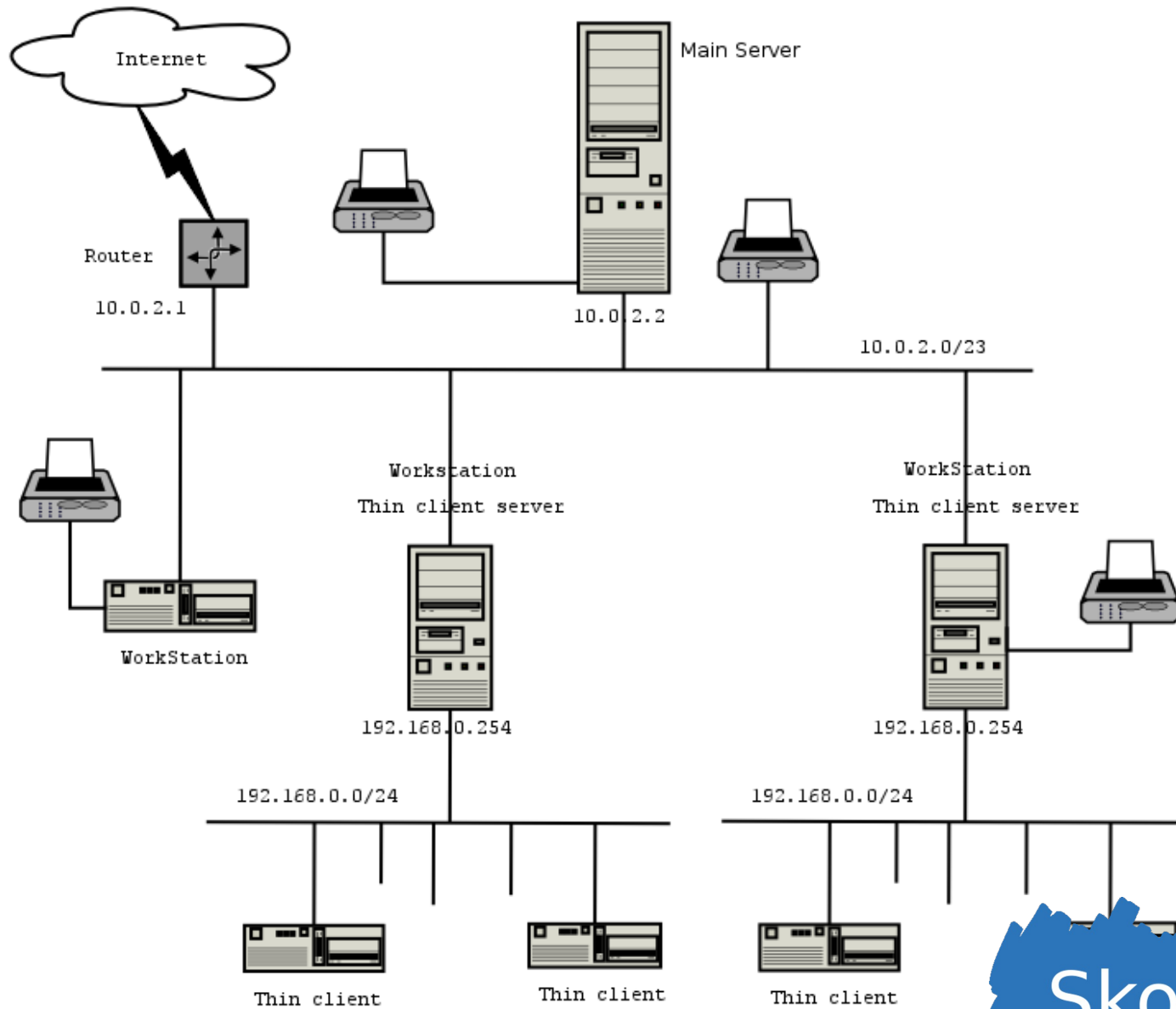
Schools using debian-edu



School specific needs

- low maintenance, out-of-the-box setup
- little resources
- localisation – very important in schools
- learning to express, share & learn
- tools for making music, drawings & learning
- source code availability – to be able to understand what's going on and change it
- different tools for different kind of pupils
- office, java and flash :-(
- -> not so very school specific at all! :

Network architecture



Other features

- simplified debian-installer
- LDAP out the box
 - user database
 - home dirs on every machine (via NFS)
- KDE based desktop with java & flash and OpenOffice.org
- installed services: ldap, web, mail, remote syslog, cups, ntp, dhcp, dns
- LTSP server for thin- & half-thick clients
- complete end-user documentation



Development model

- All code, translations and documentation have to be committed to our source code management system(s)
- Bugs have to be committed to the bug-tracking system(s)
- Commit everything upstream.
- Follow the licence-terms, encourage GPL
- Help people to help them selves
- The person who does something decides



Development “tools”

- debian-edu@lists.debian.org
- wiki.debian.org/DebianEdu
- #debian-edu, monthly meetings
- svn.debian.org/debian-edu on Alioth
- ftp.skolelinux.no (we give upload rights to non-DDs – within our policies)
- svn-commit triggered builds of etch and etch-test CDs
- frequent RL gatherings



french development community

- ml@schlossguehl.fr, soon to be moved to ml@skolelinux.fr
- #skolelinux-fr
- wiki.skolelinux.fr
- please participate in the “global” developing efforts:
 - share your needs
 - share your efforts
 - share your experience
- LinEx will join debian-edu too....

The logo for Skolinux, featuring the text "Skolinux" in white on a blue, textured background. A red circle highlights the "o" in "Skolinux".

Skolinux

Contributions to Debian

- participation in the CDD effort
- funded kickoff of debian-installer
- preseeding for d-i
- funded kickoff of testing-security
- LTSP
- skilled developers :)
- support the free java and gnash efforts



Current challenges

- LDAP admintool which is usable for “less skilled users aka teachers”
- documentation needs to be updated for Etch
- single medium installation CD
- multimedia on half-thick- and thin clients
- release planned ASAP after Debian etch
- powerpc and amd64 ports
- live CDs



More challenges

- customisations of the german and french skolelinux team are only very slowly integrated into debian-edu, still only partly done for etch
- *we really* should fix this for lenny!
 - roadmap planning for LinEx will happen in spring 2007
- workshop at DebConf7 for localized, debian-edu CDs as part of debian for lenny



Wanna join?

- we need:
 - developers
 - testers (general & amd64 & powerpc)
 - translators
 - documentation writers
 - artists
 - multipliers
 - users (teacher, pupils)



Merci :)

- Questions ?

