

**We want you! for**

The logo for Skolinux features the word "Skolinux" in a white, sans-serif font. The letter "o" is replaced by a red circular swirl. The text is set against a blue, hand-drawn, brush-stroke style background that has a rough, irregular shape.

**Skolinux**

**aka Debian-Edu**

Presentation at the debian miniconf at LCA 2007 in Sydney

# About the two names...

- nowadays debian-edu and skolelinux are mostly used as synonyms, started as two different projects
- 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

- a bit about me
- school specific needs
- a bit of history & statistics
- status of world-domination
- architecture & features
- development model & tools
- contributions to Debian
- 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
- FAI (fully automatic installation)
- Debian-QA / piuparts
- Debian-edu member, powerpc porter, ftpmaster



# A mix of facts, history & statistics about debian-edu

- started July 2<sup>nd</sup> 2001
- official Debian sub-project (and a CDD)
- more than 25 developer gatherings in norway, germany, brazil and soon france – good to improve cooperation and to avoid flamewars
- 30 debian-edu developers
- >1000 debian developers :-)
- 6-10 packages which are currently not in debian
- target for lenny: 0 packages not in debian
- used in more than 200 schools world-wide with up to 30000 users

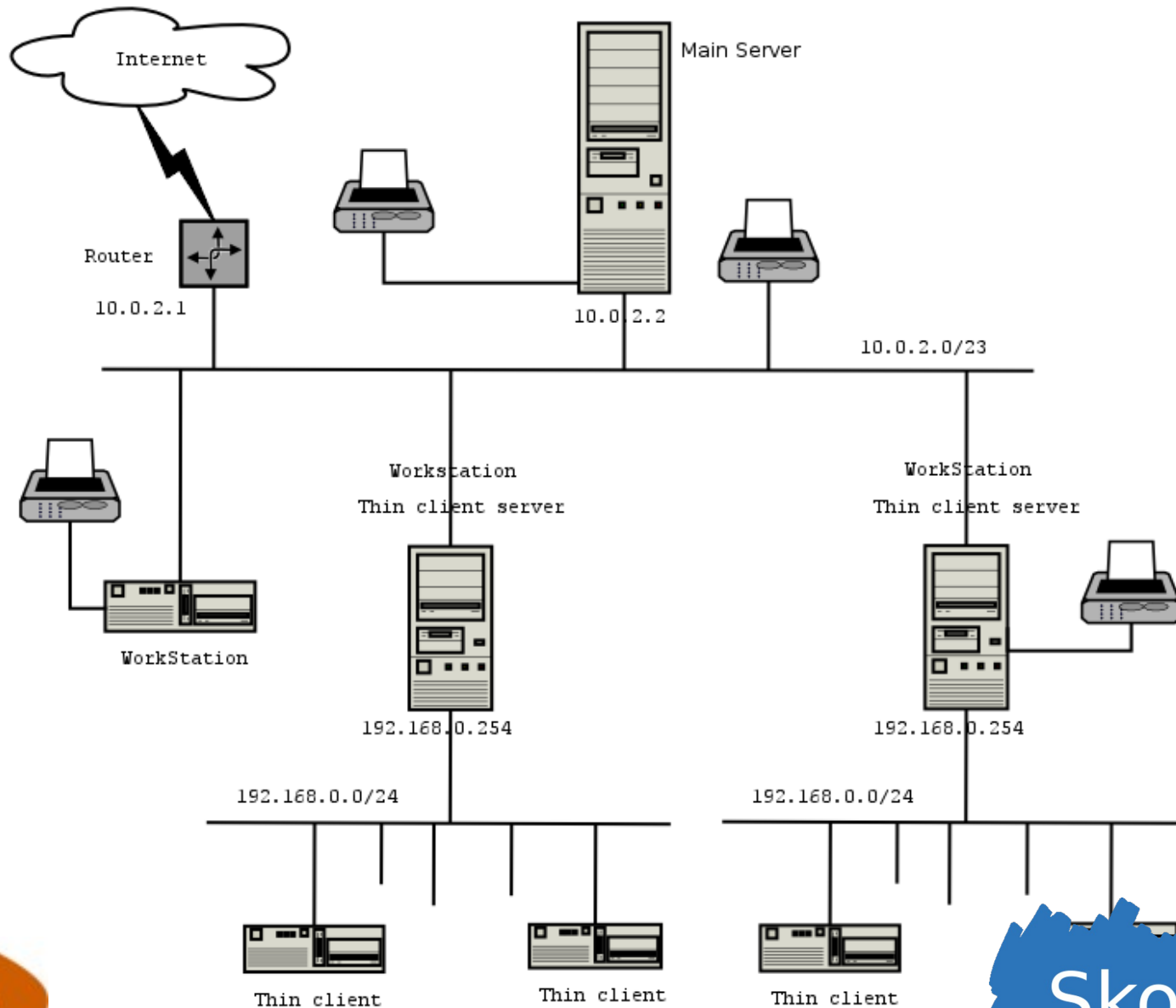
# Schools using debian-edu



# School specific needs

- low maintainance, out-of-the-box setup
- little ressources
- localisation – important in schools
- source code availability – to be able to understand whats going on and change it
- learning to express, share & learn
- music, drawing, learning
- office, java and flash :-)
- -> not so very school specific at all! :-)

# Network architecture





# Other features

- simplified debian-installer
- installed services: ldap, web, mail, remote syslog, cups, ntp, dhcp, dns
- LTSP server for thin- & half-thick clients
- LDAP out the box
  - user database
  - home dirs on every machine (via NFS)
- KDE based desktop with java & flash and OpenOffice.org
- 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](mailto:debian-edu@lists.debian.org)
- #debian-edu, monthly meetings
- <ftp.skolelinux.no> (we give upload rights to non-DDs – within our policies)
- svn-commit triggered builds of etch and etch-test CDs
- [svn.debian.org/debian-edu](http://svn.debian.org/debian-edu)
- frequent RL gatherings

# 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

# Wanna join?

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

# Thanks

- Questions ?

