We want you! for

aka Debian-Edu

Presentation at the debian miniconf at LCA 2007 in Sydney

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

- started July 2\textsuperscript{nd} 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 what's 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

- Internet
- Main Server
- Router
- WorkStation
  - Thin client server
  - 192.168.0.254
- WorkStation
  - Thin client server
  - 192.168.0.254
- Thin client
  - 192.168.0.0/24
- Thin client
  - 192.168.0.0/24
- Thin client
  - 192.168.0.0/24
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
- #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
- 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 :)
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
  – multiplicators
  – users (teacher, pupils)
Thanks

- Questions?