

Debian & Skolelinux

What? Who? Where? Why? How? ... Wow!

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Summary

- What is Debian GNU/Linux?
- How Debian works?
- Where and how Debian is used?
- What is Skolelinux?
- Where is Skolelinux used?
- How can we help Debian or Skolelinux?
- Where to get more information?

Debian GNU/Linux



- Linux distribution
- The most free of the free software
- Developed in bazaar style by 1000 developers
- More than 8000 stable and 16 000 testing packages
- The most stable distro
- The best package manager
- Linux Journal 2003

How is Debian managed?

- Debian Constitution
- Debian Social Contract and Free Software Guidelines
- Debian Policy
- Mailing lists and IRC
- Voting and General Resolutions
- MIA developers and NMU Policy

APT has Super Cow powers!

- Installing any Debian program:
`# apt-get install program_name`
- APT can get packages from hard drive, CD, ftp, http, nfs, whatever
- Depends, Suggests, Recommends, Conflict
- Build-Depend
- Automatic installations

Where and why to use Debian

- Stability oriented systems (critical systems)
- Servers
- Routers, firewalls
- Medium to Large scale desktop system roll outs
- As a base for your own custom distribution
- Debian 'stable' is rock stable
- Debian is very easy to upgrade
- Security patches **work**
- Full FHS compliance
- Well written policy
- Easily extensible

Debian derived distributions

- **Skolelinux** – School distro
- **Knoppix** – Live CD with dozens of different variants and modifications available
- **Lindows** – commercial distro with more Wine
- **Libranet** – commercial desktop distro
- **Corel Linux** or **Xandos** – dead and reborn commercial desktop distro

Skolelinux

- Debian derived school distribution
- Uses (and develops) the new Debian installer
- Many (15) preconfigured services
- Unified Web interface for administrator (Webmin)
- One CD distribution
- Three question installation
- Manuals and support mailing lists
- International: Norway, Latvia, Germany, ...

Do-O-Cracy

- From Norwegian term “gjorokratiet”
- “The doer decides” -- Knut Yrvin, Skolelinux leader
- Developers meetings
- Developers conferences
- CVS – The mother of S
- Wiki – the German experience

How to help Debian and Skolelinux

- Use Debian
- Report bugs (<http://bugs.debian.org>)
- Make good, versatile, descriptive and descriptive bug reports, answer questions about a bug
- Make Debian support services
- Involve all your friends and neighbors in Linux and Debian by giving them a free Knoppix CD
- Did I mention bug reporting?

Where to find more info

- www.debian.org
- www.debian.org/devel
- www.skolelinux.no
- developer.skolelinux.no
- www.debianplanet.com

Thank you!

**When Debian will have the next
release (sarge)?**

Official answer: “When it's ready”

Unofficial answer: “We hope very
much for January”