

Free Software / Debian

Philosophy, Design, Merits

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Agenda

- Why Free Software
 - History
 - Philosophy
- Why Debian
 - History
 - Design
 - Merits



Free Software

- Started by Richard Stallman in the 80s
- Eco System for free sharing and exchange of ideas
 - Freedom to run the program, for any purpose
 - Freedom to study how the program works, and right to modify
 - Freedom to further redistribute copies
- GNU Project
- GNU General Public License



- Started by Ian Murdock in 1993
- Association of individuals for a common cause, a free OS
- Meritocracy and Do-Ocracy
- Driven by the Debian Social Contract
- Governed by the Debian Free Software Guidelines



Distribution

- Largest set of software packaged (29000+)
- Features
 - 12 officially supported architectures
 - Tech Preview – Debian GNU/FreeBSD
 - Incomplete ports: Hurd, NetBSD
- Stable Package Management – APT
- Quality governed by the Debian Policy



Social Contract

- Debian will remain 100% free
 - *Full DFSG Compliance*
- We will give back to the free software community
 - *Synchronization with Upstream*
- We will not hide problems
 - *Fully public bug database*
- Our priorities are our users and free software
 - *Driven by the Community*
- Works that do not meet our free software standards
 - *nonfree, contrib*



Debian Free Software Guidelines (DFSG)

- Free Redistribution
- Source Code
- Derived Works
- Integrity of The Author's Source Code
- No Discrimination Against Persons or Groups
- No Discrimination Against Fields of Endeavor
- Distribution of License
- License Must Not Be Specific to Debian
- License Must Not Contaminate Other Software



How Do I Participate?

- Participate
 - Develop
 - Packaging
 - Bug Fixing
 - System Administration
 - Artists
 - Marketing
- Debian New Maintainer Process
- <http://www.debian.org/devel>



Questions

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