

Custom Debian Distributions at starting block

Debian-Edu as pacemaker

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Structure

- 1 Ready
 - History
 - CDD Tool
 - Differences
- 2 Steady
 - CDD tools rewrite
 - Web page generation
- 3 Go

Debian based school distributions

- Debian-Edu (became MIA)
- SkoleLinux (very active)
- Since DebConf 3 in Oslo SkoleLinux became Debian-Edu
- School distributions in Spain
- ...

Techniques we owe SkoleLinux

- *Installer !!!*

What would be Debian without it?

- Building meta-packages regarding different distributions
- Enables building meta packages
- Pre-seeding *debconf*
- ...

Building meta-packages

- *Cdd-dev* respects Debian-Edu layout
- Creates *tasksel* file but more general
- New feature: user menus

My offer:

Porting meta-package

building stuff to new

system

Common Meta-package

Optional

```
$ cp -a /usr/share/doc/cdd-dev/examples/common .  
$ cat common/README  
$ edit common/{conf,control,common.1}  
change variable _CDD_ to edu
```

Initialisation of role based menu system

- Meta packages will depend from common package
- Different from education-common

Role based user menus

- User with role `<cdd>` gets extra user menu



- User with role `<cdd>` is provided with additional menu
- Do not bother other users with those additional menus
- Implemented in current Debian-Med packages
- Role system is implemented by flexible plugins

Changing user menus

Optional

```
$ cp -a /usr/share/doc/cdd-dev/examples/menu .  
$ cat menu/README  
$ cat menu/task1/README  
$ edit menu/task1/dep1.menu  
$ edit menu/task1/dep2.txt  
$ edit menu/task1/dep3.html
```

Create valid menu entries with sensible descriptions

Move to right task name

```
$ cp menu/task1 menu/<meta package name>
```

*User menu entries for every dependencies - at least
pointing to documentation*

User menus

- Find out what is missing in Debian's *menu* package
- Fix Debian's *menu* (if necessary)
- Add feature of user groups to *cdd-tool*
- Start using common menu techniques in SkoleLinux

Tasksel

- Debian-Edu supports tasksel in *education-tasks*
 - Conflicts with *cdd-common* from experimental
- Find a common solution

Configuration

- Common solution for pre-seeding
- Common solution for cfengine

Obtain web pages from tasks

- Tell people what *is* inside
- Web pages can be created from dependencies
- Package descriptions
- Make use of ddtp translated descriptions

Create database of future includes

- Tell people what *will be* inside
- Build *Packages.gz* like data base
- Translation is a problem
- Perhaps asking debian-www translation team
- Symbolic of traffic lights
 - Green = inside
 - Yellow = inofficial packages outside
 - Red = Should be packaged
- Webtool to display bugs of dependant packages

Future

- Base SkoleLinux on *cdd-tool* (to be rewritten)
- Enhance visibility on www.debian.org
- Spread SkoleLinux to more countries
- Take over world domination