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
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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
- …
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Techniques we owe SkoleLinux

- **Installer !!!**
  What would be Debian without it?
  - Building meta-packages regarding different distributions
  - Enables building meta packages
  - Pre-seeding `debconf`
  - ...

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Building meta-packages

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

- *Cdd-dev* respects Debian-Edu layout
- Creates *tasksel* file but more general
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My offer:

Porting meta-package building stuff to new system
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Porting meta-package

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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
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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
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$ 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
Changing user menus

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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
User menus

- Find out what is missing in Debian’s *menu* package
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- Find out what is missing in Debian’s `menu` package
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Tasksel

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

Conflicts with *cdd-common* from *experimental*

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Debian-Edu supports tasksel in `education-tasks`

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Configuration

- Common solution for pre-seeding
- Common solution for cfengine
Common solution for pre-seeding
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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
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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 = unofficial packages outside
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- 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
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