Live packaging workshop
Package your very own application

Andreas Tille

Debian

DebConf 15, Heidelberg, 17. August 2015
Required knowledge

- makefile
- diff / patch (quilt)
- SVN or Git
- debhelper
- lintian
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Short Introduction

Motivation

Do-O-cracy
Examples:

- Debian Med Policy Manual
- Debian Science Policy Manual
- Debian GIS Policy Manual
Short Introduction

Lets start with your own example

- **Debian Mentors list**
- #debian-mentors at irc.debian.org
- **Mentoring of the Month (MoM)** (Debian Med)
- **Sponsoring of Blends**
**Needed packages**

- `dpkg-dev` **needed tools**
  - `make` `debian/rules` is a Makefile
  - `dh-make` create a template
  - `debhelper` just use it
  - `devscripts` very useful
  - `fakeroot` pretend to be root
  - `gnupg` sign package
  - `lintian` policy checker
  - `pbuilder/cowbuilder` build package in chroot
  - `cme` config model editor

- `build-essential` metapackage
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What is your most wanted project

Let's start with your own example.
How to start?

Let's start with your own example.

dh_make

or

svn export svn://anonscm.debian.org/\svn/debian-med/trunk/package_template debian

… which needs to be adapted from Debian Med but might be helpful anyway.