Live packaging workshop

Andreas Tille
Debian
Kochi, 11. September 2023

Required knowledge

- makefile
- diff / patch (quilt)
- Git
- debhelper
- lintian

Motivation

Do-O-cracy

RTFM

- Debian Med policy manual, Debian Science policy manual, Debian GIS policy manual
- Developers reference
- New maintainer guide

Communication

- 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
  - git-buildpackage used by many teams
What is your most wanted project

How to start?

dh_make
or
git clone https://salsa.debian.org/\nmed-team/community/package_template
... which needs to be adapted from Debian Med but might be helpful anyway.

Please take notes

EtherPad:

https://pad.dc23.debconf.org/p/34-live-packaging-workshop