

Debian Science and Education packaging workshop

Package your very own scientific or educational
application

Andreas Tille

Debian

LSM, Montpellier, 9. July 2014

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

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packaging
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Short
Introduction

Lets start with
your own
example

Do-O-cracy

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Debian Science Policy Manual

- *Debian Science user list* or *Debian Edu user list*
- *Debian Science developer list* (no specific developer list for Debian Edu)
- *Debian Science commits*
- #debian-science / #debian-edu at irc.debian.org
- Recommended: *Mentoring of the Month (MoM)* as done by Debian Med team
- *Sponsering of Blends*

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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 build package in chroot

build-essential metapackage

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?

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