

## Debian Science and Education packaging workshop

Package your very own scientific or educational application

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Debian

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## Required knowledge

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

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## Motivation

*Do-O-cracy*

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## RTFM

Debian Science Policy Manual

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## Communication

- 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
- Sponsoring of Blends

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## 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* build package in chroot  
*build-essential* metapackage

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What is your most wanted project

?

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How to start?

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

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