

TUG-MACTEX-2011-DVD

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1. MACTEX-DVD

This is the portion of the TUG documentation which deals with making the MacTeX-2011 package. This is the final product of the build directory, built for internet distribution.

A clean package file will contain

- Files “buildPackage.sh”, “Description.plist”, “Info.plist”, and “InfoGood.plist”
- “resources” folder containing various files
- “subpackages” folder, empty at first
- “Tools” folder, containing the original png background image later converted to jpeg and used in the package.
- “TUG” folder with this document
- “xzDVD” folder, used to make an xz file with the package to submit to TUG; this file contains the xz Universal Binary and an xzscript

This package is easy to maintain. To update the package for a new year, edit “buildPackage.sh”, “Description.plist”, “Info.plist”, “InfoGood.plist”, and the three rtf files in resources/English.lproj, changing the package name to reflect the new date and release date.

In fact, the creation process will replace Info.plist by InfoGood.plist in the end, so the important edit is for InfoGood. Notice that this file, and resources/English.lproj/ReadMe.rtf, list version numbers for the Ghostscript and ImageMagick programs, and for TeX Live. Edit appropriately.

Finally, put the following install packages in the subpackages directory:

- Ghostscript-9.02.pkg
- ImageMagick-Convert-6.6.9-3.pkg
- Latin-Modern-Fonts.pkg
- TeX-Gyre-Fonts.pkg
- GUI-Applications.pkg
- TeXLive-2011-DVD.pkg

Then

```
sudo sh buildPackage.sh
```

2. MAKING THE XZ FILE

Put MacTeX-2011-DVD.mpkg in the xzDVD folder. Then create the xz file using the command

```
sh xzscript
```