

TUG-TEX-GYRE-FONTS

RICHARD KOCH

1. TEX GYRE FONTS

This is the portion of the TUG documentation which deals with making the TeX Gyre Fonts package. A clean package file will contain

- Files “buildPackage.sh”, “Description.plist”, “Info.plist”
- “resources” folder containing various files
- “root” folder with a tree leading to the folder named “Latin-Modern”
- “TUG” folder with this document

This is one of the easiest packages to maintain. It is unique in that its name does not change from year to year, since if there are new versions of the TeX Gyre Fonts, we want to replace the old versions with the new versions. To update the package for a new year, it is not necessary to edit “buildPackage.sh”, “Description.plist”, or “Info.plist”, and the only file in resources/English.lproj that should be edited is “Welcome.rtf”, because it shows the release date.

Unlike most packages, the root folder is not constructed by copying an actual installation on the Mac. Instead, it is a permanent part of the build system, which buildPackage.sh assumes already exists.

To construct the package, find the latest version of the Latin Modern Fonts in `/usr/local/texlive/2011/texmf-dist/fonts/opentype/public/tex-gyre`. Copy the contents to the build system at `root/Library/Fonts/TeX Gyre/`. Then

```
sudo sh buildPackage.sh
```