

TUG-DVD

RICHARD KOCH

1. DVD

This is the portion of the TUG documentation which deals with making the iso file which becomes the Macintosh portion of the DVD. The documentation for that step is this $\text{T}_{\text{E}}\text{X}$ file alone.

Herbert Schulz produces a folder containing various files, subfolders with extra Front Ends, Utilities, etc., When it is ready, he sends an email message which typically reads:

You can get it at `<http://tug.org/~herbs>` along with its md5 file.

I download and unzip the file from this location, producing a folder named “mactex” which I move to the DVD subfolder of the folder where MacTeX is made. I add the folder MacTeX-Install from the MacTeX-for-DVD build directory, as illustrated below.

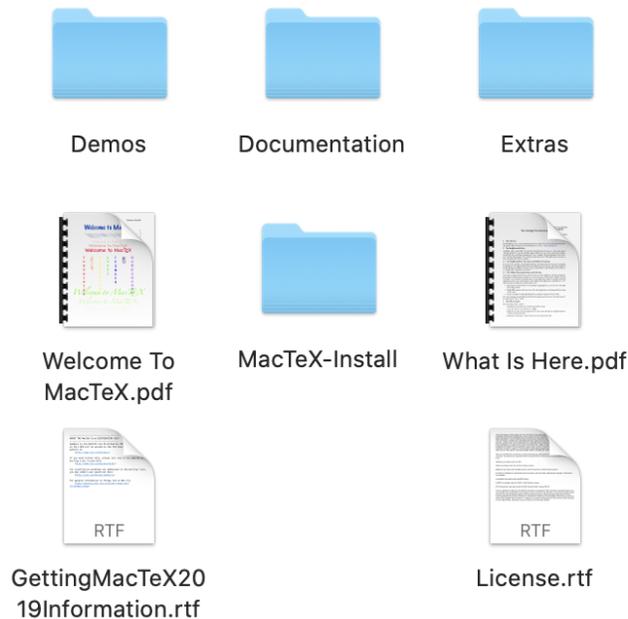


FIGURE 1. Icon View of mactex

Below is the MacTeX-Install folder.

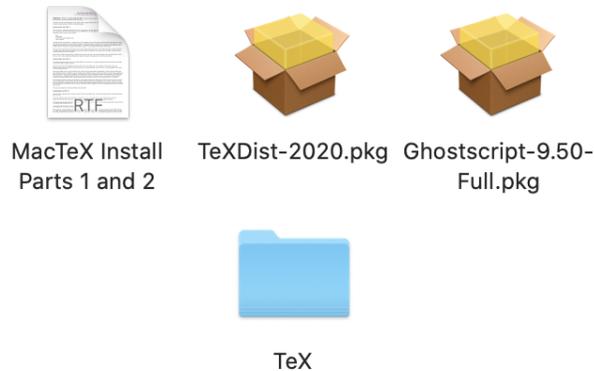


FIGURE 2. Icon View of MacTeX-Install

Then in Terminal, change to the DVD directory and issue the following command:

```
hdiutil makehybrid -o MacTeX mactex/.
```

The result will be a file named MacTeX.iso which should be sent to TUG for the DVD.

2. BURNING AND TESTING

The DVD is created by Manfred Lotz, and he usually provides a download of the entire DVD for burning and testing. This is useful since a broken install converts it into a doorstep.

Here are the instructions I made last year for burning this DVD:

Use Big Sur or a similar late version of macOS. Download
`texcol2021.iso`
 and don't worry about capitalization.

Plug in the external Apple DVD using a USB to Thunderbolt 3 Converter.
 Connect directly to the computer, not to the monitor.

Right click on `texcol2021.iso`. One way is to hold down the Control key while clicking. A contextual menu will appear. Select

Burn Disc Image "texcol2021.iso" to Disk

Insert an empty double-sided DVD + R DL, white side up, when asked.

The computer will then burn, verify, and eject the disk.