gretl

version 1.9.13 for Mac OS X

GNU Regression, Econometrics and Time-series Library
This is free software under the GNU General Public License.

This package was tested on Mac OS X 10.6.8 (Snow Leopard) and is also known to work on OS X 10.7 (Lion) and 10.8 (Mountain Lion). Hopefully it will work on later releases of OS X but it will probably not work on releases earlier than 10.4.

Prerequisites

To run gretl you will need Apple's version of the **X11 window system**. This was automatically installed with OS X 10.6 and 10.7, but if you're using Mountain Lion you need to download XQuartz from `macosforge`

http://xquartz.macosforge.org/landing/

and install it yourself. (In OS X versions prior to 10.6, Apple's X11 was available as an optional install from the distribution DVD.)

Gretl also requires the **GTK+ Framework**, which can be found at the following location:

http://sourceforge.net/projects/gretl/files/osx/GTK+.framework.dmg/download

To install GTK+, open the disk image and drag the `GTK+.framework` folder onto the `Frameworks` folder. You may get an error message if another version of the GTK framework is already installed. In that case you can do, at the command prompt in a terminal window:

```
sudo rm -rf /Library/Frameworks/GTK+.framework
```

or, if you want to preserve the existing version in case you need to restore it later,

```
sudo mv /Library/Frameworks/GTK+.framework \
  /Library/Frameworks/GTK+.framework.old
```

Then try the drag again. Once you're done you can eject the disk image and delete the `.dmg` file.

Installating the program

Gretl is distributed as a gzipped disk-image (`.dmg.gz`). Double-click to unzip it first. Once you have a `.dmg` file, double-click to mount the image, and open the image in the Finder. (This may all happen automatically when you double-click the `.dmg.gz` file.) Then drag Gretl to somewhere suitable on your system (preferably your Applications folder). Once that is done, you can eject the disk image and delete the `.dmg` and `.dmg.gz` files.

If you already have an older version of Gretl installed, the update via dragging may fail. In that case you should open the Applications folder in the Finder, delete the Gretl item, then try the drag again.

To run gretl, double-click on the gretl program icon. You can drag this icon onto the dock if you want a quick launcher.

Trouble-shooting

If double-clicking on the gretl icon doesn't work for you, try starting X11, opening an xterm, navigating into the bin folder inside Gretl.app, and executing gretl manually. That is, do something like:

```
cd /Applications/Gretl.app/Contents/Resources/bin
./gretl
```

Hopefully this will give you an informative error message.

If you are updating from a previous installation of gretl, it is possible that your recorded user preferences may be out of sync with current gretl. The fix for that is to delete your old preferences file. In an xterm window, do:

```
rm -f ~/.gretl2rc
```

An oddity on Mountain Lion

It appears that in some cases dragging Gretl from the disk image to the Applications folder does not work correctly: certain shared library files may get truncated to zero bytes. If that happens it may be necessary to copy the files manually. To do this, open the Mac Terminal application, and at the command line type

```
sudo rm -rf /Applications/Gretl.app
```

then

```
cp -r /Volumes/gretl/Gretl.app /Applications
```

or if you get "permission denied," do it as the administrator:

```
sudo cp -r /Volumes/gretl/Gretl.app /Applications
```

Documentation

When you start gretl, please consult the program's Help menu for documentation in various formats.

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