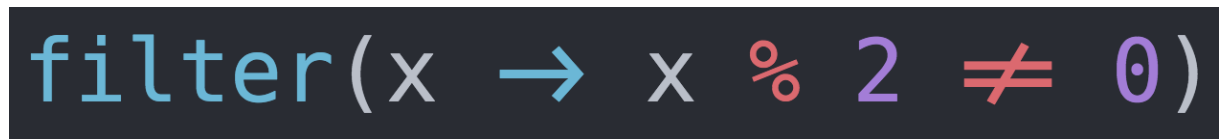

Ligaturizer



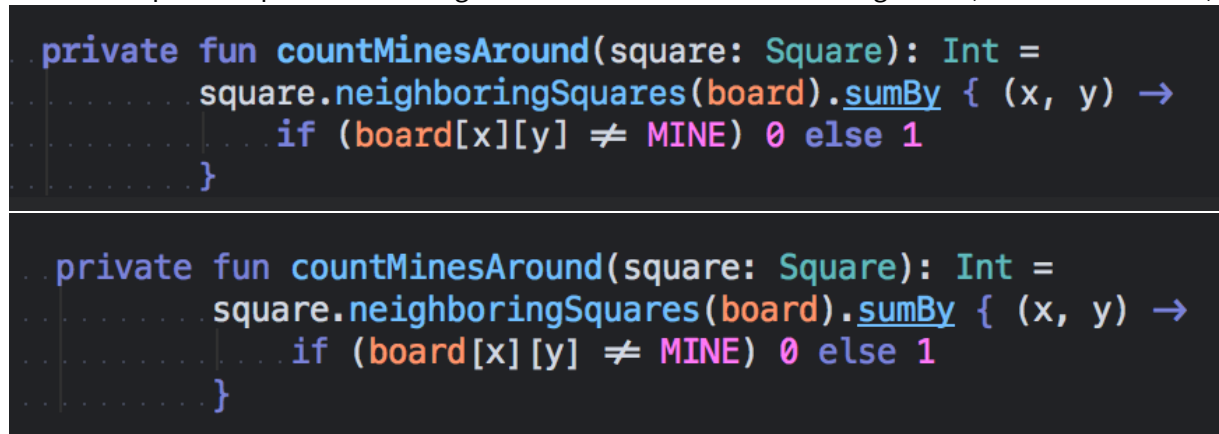
Add ligatures to any coding font!

This script copies the ligatures (glyphs and rendering information) from Fira Code into any other TrueType or OpenType font. (Note that the ligatures are scale-corrected, but otherwise copied as is from Fira Code; it doesn't create new ligature graphics based on the font you're modifying.)

This repo contains a Fontforge python script that you can use to add the Fira Code ligatures to any font, as well as submodules for some popular coding fonts and another script for ligaturizing all of them at once.

Pre-ligaturized versions are available under releases.

Here's a couple examples of the fonts generated: SF Mono & Menlo with ligatures (note the != and ->):



Requirements

This Repo: You'll need the repo and its submodules, so `git clone` with `--recurse-submodules`.

Using the Fonts: See the FiraCode README for a list of supported editors.

Script: This script requires FontForge python bindings. For Debian/Ubuntu they are available in `python-fontforge` package. For OpenSUSE and NixOS, they are included in the `fontforge` package. For macOS, they are available via brew (`brew install fontforge`).

Using the Script

Automatic

Use automatic mode to easily convert 1 or more font(s).

1. Put the font(s) you want into `fonts/`.
2. Edit `ligatures.py` to disable any ligatures you don't want, and/or enable any (non-ligature) characters you want from Fira Code in addition to the ligatures.
3. Edit `build.py` to add your new font(s) to the `prefixed_fonts` list. It supports globbing, so if (e.g.) you want to ligaturize all the different weights of FooFont you can add `'FooFont*'` to the list.
4. Run `make`.
5. Retrieve the ligaturized fonts from `fonts/output/`.
6. The output fonts will be renamed with the prefix "Liga".

Manual

1. Move/copy the font you want to ligaturize into `fonts/` (or somewhere else convenient).
2. Edit `ligatures.py` to disable any ligatures you don't want.
3. Run the script:

```
1 $ fontforge -lang py -script ligaturize.py path/to/input/font.ttf
2   --output-dir=path/to/output/dir/ \
3   --output-name='Name of Ligaturized Font'
```

e.g.

```
1 $ fontforge -lang py -script ligaturize.py fonts/Cousine-Regular.
   ttf
2   --output-dir='fonts/output/' \
3   --output-name='Ligaturized Cousine'
```

Which will produce `fonts/output/LigaturizedCousine-Regular.ttf`.

The font weight will be inherited from the original file; the font name will be replaced with whatever you specified in `--output-name`. You can also use `--prefix` instead, in which case the original name will be preserved and whatever you put in `--prefix` will be prepended to it.

`ligatures.py` supports some additional command line options to (e.g.) change which font ligatures are copied from or enable copying of individual character glyphs; run `fontforge -lang=py ligaturize.py --help` to list them.

Misc.

Credit

This script was originally written by IlyaSkriblovsky for adding ligatures to DejaVuSans Mono (dv-code-font). Navid Rojiani made a few changes to generalize the script so that it works for any font. ToxicFrog has made a large number of contributions.

Contributions

Contributions always welcome! Please submit a Pull Request, or create an Issue if you have an idea for a feature/enhancement (or bug).

Related Projects

For more awesome programming fonts with ligatures, check out: 1. FiraCode 2. Hasklig