

Onboarding to Google Fonts

This directory is made to run a Google Fonts onboarding process for Fira Code.

The `build.sh` script builds variable and static font files as required by Google Fonts.

The `move-check.sh` script does a few things: - Fixes a few pieces of font metadata to align them to Google Fonts standards - Moves font files into a `google/fonts` directory, to prep/update a PR to the official `google/fonts` repo - Runs FontBakery to check the fonts against Google Fonts standards, and saves results to the `checks` subfolder.

This process must be run multiple times, tweaking source files and rebuilding output fonts to solve issues flagged by FontBakery.

USAGE

First, setup prerequisites

If you haven't already done so, open a terminal, clone this repo, and move to the `qa` branch:

```
git clone git@github.com:thundernixon/firacode.git
cd firacode
git checkout qa
```

FontBakery checks are made to be run on fonts within the folder structure of the `google/fonts` repo. Therefore, you must have a local copy of this repo on your computer to run this QA procedure. If you don't yet have a local `google/fonts` repo, open a new terminal session, navigate to a parent folder for this (e.g. `cd ~/yourusername/type_repos`, but use whatever location makes sense), and clone the repo:

```
git clone git@github.com:google/fonts.git
```

Second, set up your testing environment

Create a Python 3 virtual environment:

```
virtualenv -p python3 build/venv
```

Then, activate the new virtual environment:

```
source venv/bin/activate
```

Now, install the QA dependencies:

```
pip install -U -r googlefonts-qa/scripts/requirements.txt
```

Give the build and move-check scripts permission to run:

```
chmod +x googlefonts-qa/scripts/build.sh
chmod +x googlefonts-qa/scripts/move-check.sh
```

Third, use scripts to build fonts, then move and check

With your terminal at the top level of your Fira Code directory, build fresh copies of the relevant fonts by running:

```
googlefonts-qa/scripts/build.sh
```

When that completes, run the move-check script (using the path to your local `google/fonts` repo as an argument):

```
move-check <absolute_path_to_parent_dir>/fonts
```

If all goes well, you will have created a local `firacode` branch in your `google/fonts` directory, moved the fresh fonts there, and run QA checks which will create new markdown documents at `googlefonts-qa/scripts/checks`. If following this guide doesn't work, please file an issue at `thundernixon/firacode`.