

git

Install

plain user:

- in terminal execute:

```
cd basedirectory
```

```
git clone https://github.com/ChristophKirst/StemCellTracker
```

developer / programmer:

- create account at <http://github.com>
- got to <https://github.com/ChristophKirst/StemCellTracker> and press fork button
- in terminal execute:

```
cd basedirectory
```

```
git clone https://github.com/username/StemCellTracker.git
```

- configure remotes (named upstream)

```
cd StemCellTracker
```

```
git remote add upstream https://github.com/ChristophKirst/StemCellTracker
```

```
git fetch upstream
```

Backup

to backup your version in case you followed the developer / programmer route:

- in terminal in the StemCellTracker directory execute:

```
git add -A
```

```
git commit -m 'some description of what you did'
```

```
git push
```

Update

plain user:

- in terminal in the StemCellTracker directory execute

```
git pull
```

programmer:

in case you want to update your code from the upstream repository

- in terminal execute:

```
git fetch upstream
```

```
git merge upstream/master
```

- if mergin fails, some files will be highlighted with <<<<<< >>>>>> entries, fix this manually
- if you dont care about your own changes and simply want the plain new version:

```
git reset --hard upstream/master
```

- to force it to your fork on github use

```
git push origin/master --force
```

Submitting

in case you have something to contribute to the code:

- follow the steps in the Backup section first
- got to <http://github.com> and click pull request

Refs

stem cell tracker home:

- <https://github.com/ChristophKirst/StemCellTracker>

A good source to get questions answered:

- <https://help.github.com/>
- <http://git-scm.com/documentation>

git home:

- <http://git-scm.com>