

GitHub Developer Cheatsheet

Update your config - for SSH access

If you want to use `ssh` for your connections (*easiest in my opinion*)

Configure Git to use SSH for **FlutterInt** submodule URLs by default run the following command:

```
git config --global url."git@github.com:FlutterInt/".insteadOf "https://github.com/FlutterInt/"
```

This command tells Git to use `git@github.com:FlutterInt/` instead of `https://github.com/FlutterInt/` for all URLs on your system. This needs to be applied globally to ensure submodules work.

This only needs to be done once, it will apply to all repos on your computer

For each local repo - re-point to the migrated GitHub repo

Change origin

Get the URL for your migrated repo from GitHub. This example uses the SSH connection URL

```
git remote set-url origin "git@github.com:FlutterInt/fips-poker-client.git"
```

Fetch from GitHub and checkout master

This assumes `master` is where the submodule location changes have been made. Check with the repo owner

```
git checkout master  
git fetch --prune --prune-tags origin
```

Fix up submodules

This makes sure you are using the submodules from GitHub

```
git submodule sync --recursive  
git submodule update --init --recursive
```

You should be good to go with the repo now. Repeat with your other repos.

Update your local working branches

If you have some work on a branch or branches, you will need to make sure the submodule changes are propagated to those branches as well.

You have 2 options for this:

Rebase your branch onto the new master

This is my preferred method, but your mileage may vary.

Check out your working branch and then run:

```
git checkout my-cool-branch  
git rebase origin/master
```

You may get conflict etc. (normal git things). Please sort them out yourself or reach out for help. You may also have to "force push" this branch to GitHub as to the nature of rebase. Again, reach out if you have questions.

Merge master into your branch

Check out your working branch and then run:

```
git checkout my-cool-branch  
git merge origin/master
```

You may get conflict etc. (normal git things). Please sort them out yourself or reach out for help.