Remote Git Repo - #6 Backing Up

Cloud providers like GitHub or Bitbucket are places for you to park your repository online. GitHub also features a large open-source community, along with tools to help you collaborate with others.

Getting Started

First, create your repository on GitHub. Then, we'll add it as a remote for your local repository.

```
$ git remote add origin https://...
```

`origin` is the name of the remote. You can have multiple remotes and each with a different name (for example, you can have the same repository on GitHub, Bitbucket, etc.).

Pushing and Pulling Changes

The following will push the current local branch to the master branch

```
$ git push origin master
```

```
$ git pull origin master
```

`git pull` is actually a combination of `git fetch` and `git merge`. Fetch on its own won't actually update your local branch, which is why it needs to be merged in. The following is equivalent:

```
$ git fetch origin
$ git merge origin/master
```