Pushing to Multiple Remote Repositories Using Git

When using Git for version control, many people use [GitHub](#) as a place to hold remote repositories, and push their repositories there. I recently started using [BitBucket](#) also, and wanted to be able to simultaneously update my GitHub and BitBucket repositories when changes were made.

To begin, rename your current remote (most likely named *origin*) to a different name. I'd rename this to the name of the service you are using, such as *github* or *bitbucket*.

```
git remote rename origin github
```

You can then add the remote for your second remote repository, in this case, a BitBucket repository.

```
git remote add bitbucket git@bitbucket
.org:username/example.git
```

Afterwards, you'll want to set up your *origin* remote to push to both of these. Issue the following command:

```
git config -e
```

You will be greeted with your Git configuration (most likely using vim). Add the `[remote "origin"]` section to the bottom of the file with the URLs from each remote repository you'd like to push to.

.git/config

```
[core]
  repositoryformatversion = 0
  filemode = true
  bare = false
  logallrefupdates = true
  ignorecase = true
  precomposeunicode = false
[branch "master"]
  remote = github
  merge = refs/heads/master
[remote "github"]
  url = git@github.com:username/repo.git
  fetch = +refs/heads/*:refs/remotes/github/*
[remote "bitbucket"]
```

```
  url = git@bitbucket.org:username/rep
o.git
  fetch = +refs/heads/*:refs/remotes/b
itbucket/*
[remote "origin"]
  url = git@github.com:username/repo.g
it
  url = git@bitbucket.org:username/rep
o.git
```

You can then push to both repositories by issuing:

```
git push origin master
```

Or to a single one by issuing either of these commands:

```
git push github master
```

```
git push bitbucket master
```