**How to Move a Private Repository from Bitbucket to Github**



We have been happily using Bitbucket over the last years. But as more and more tools offer better out-of-the-box integration with Gitub, we increasingly move our repositories over to Github.

Here are the steps to move a private Git repository:

**Step 1: Create Github repository**

First, create a new private repository on Github.com. It’s important to keep the repository empty, e.g. don’t check option *Initialize this repository with a README*when creating the repository.

**Step 2: Move existing content**

Next, we need to fill the Github repository with the content from our Bitbucket repository:

1. **Check out the existing repository** from Bitbucket:

$ git clone https://USER@bitbucket.org/USER/PROJECT.git

2. Add the new Github repository as **upstream remote** of the repository checked out from Bitbucket:

$ cd PROJECT  
$ git remote add upstream https://github.com:USER/PROJECT.git

3. **Push all branches** (below: just *master*) and tags to the Github repository:

$ git push upstream master  
$ git push --tags upstream

**Step 3: Clean up old repository**

Finally, we need to ensure that developers don’t get confused by having two repositories for the same project. Here is how to delete the Bitbucket repository:

1. Double check that the Github repository has all content
2. Go to the web interface of the old Bitbucket repository
3. Select menu option *Setting > Delete repository*
4. Add the URL of the new Github repository as redirect URL

With that, the repository completely settled into its new home at Github. Let all the developers know!

That’s it.

You can then change your local repo to point at the new origin.  
git remote -v to print the current settings  
git remote set-url origin git@github.com:username/repo-name.git to change origin to the new url (ssh style url shown here, use the https style like above if that is what you prefer.)

**http://jonas.nitro.dk/git/quick-reference.html**

**REMOVE FILE FROM GitHub**

* git rm agent\_report.php
* git status
* git commit –m del\_agent\_report
* git push origin master

**Revert the DELETED File from GitHub**

* revert 328de36eeaaf34ef585f218718eb5a597985aa3b.
* git push origin master

**Push only 1 file on GitHub**

Very simple. Just follow these procedure:

1. git status

2. git add {File\_Name} //the file name you haven been changed

3. git status

4. git commit -m '{your\_message}'

5. git push origin master