

Note we used to use tortoise svn but new ssh keys make that not work. On the main PC we have downloaded GIT desktop of GIT Bash.

To use ssh key you must create a local key and then

1. Follow the directions on this webpage to generate a new ssh key:
<https://docs.github.com/en/authentication/connecting-to-github-with-ssh/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>
2. Follow the steps through : **Adding your SSH key to the ssh-agent**

The ssh key must then be added to your account. Follow these instructions:

<https://docs.github.com/en/authentication/connecting-to-github-with-ssh/adding-a-new-ssh-key-to-your-github-account>

Using Git Bash

Starting out select directory then clone repo:

git clone [git@github.com](https://github.com):mbari-org/MiniROV_Clump.git (get address from git repo under SSH)

Then modify files as needed

Then

git status (tells which are modified)

git add -u (adds modified files, -A adds all files, filename to just add one file)

(you may need to update your identity if you see this message:

fatal: unable to auto-detect email address (got 'minirov@MINIROV-PC-1.(none)')

If so do this:

Run

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

Example from bash window:

minirov@MINIROV-PC-1 MINGW64 /c/RepoClones/Main/MiniROV_Main (main)

\$ git config --global user.email "alana@mbari.org"

minirov@MINIROV-PC-1 MINGW64 /c/RepoClones/Main/MiniROV_Main (main)

\$ git config --global user.name "Alana Sherman"

)

git commit -m "commit message" (this commits to the local repo)
git push (pushes the local version to the online repo)

If you get stuck in an editor window the editor is vi

git remote will give you origin

Notes on **other methods** of committing code to git hub:

Currently if you use **GIT desktop** you can commit but it will commit to a new branch called master. If this happens you need:

1. to checkout master into a new folder
2. then copy the files from master check out into a temp place.
3. Then git checkout main into the original repo folder
4. Copy files from temp location of master to repo folder
5. Now git desktop will let you commit those to main
6. Delete master branch on git hub by opening branches and pressing trash can next to master
7. Delete local copy by:
 1. **git branch -d <branch name>**
 2. This will ask you to confirm with : git branch -D <branch name>
 3. Run command :

Unset

4. **git remote update origin --prune**

5. The run: git branch -a to confirm master deleted: see below

```
C:\Users\MINIROV\Documents\ClumpGIT>git branch -a
* main
remotes/origin/main
remotes/origin/master
```

```
C:\Users\MINIROV\Documents\ClumpGIT>git remote update origin --prune
Fetching origin
From github.com:mbari-org/MiniROV_Clump
- [deleted]    (none) -> origin/master
```

```
C:\Users\MINIROV\Documents\ClumpGIT>git branch -a
* main
remotes/origin/main
```

Using SVN:

Procedure To Change SVN Logged In User Credential Details

1. Right click on your source repository. ...
2. select settings
3. Select Saved Data option.
4. Click Clear option.
5. Select all checkbox list and then click OK.
6. Click OK.
7. Now, try to get SVN Update.
8. It will prompt you to enter the user credentials.
9. put in hardware token for user name and password