# Chapter 6 – Git with GitHub

**http://code.tutsplus.com/tutorials/how-to-configure-git-github-on-your-mac--cms-22821**

By default the **Git is an offline** tool for the repository management or Source Code Management. But we can use the Git with GitHub a webbased repository management tool. In order to setup, following are the steps to do the same:

1. We will use the ssh command to generate the Private key here.

**ssh-keygen -t rsa -C 'dhandrohit@hotmail.com'**

It will ask for the file path and password. We can just press “Enter” for the filename and then we can enter a password.

The file will be created in the folder in the /Users/rohitdhand folder called **“.ssh” and the filename will be id\_rsa.pub**

1. Start the ssh agent on the MAC

**eval "$(ssh-agent -s)"**

1. Add the id\_rsa.pub file to the ssh.

**ssh-add id\_rsa**

1. Copy the key from the id\_rsa.pub in the clipboard.

**cat id\_rsa.pub |pbcopy**

1. Go to GitHub - > Settings - > SSH - > Add a new Key
2. In order to check whether the setup is ok, we type the following command:

* **ssh -T** [**git@github.com**](mailto:git@github.com)

Hi dhandrohit! You've successfully authenticated, but GitHub does not provide shell access.

git remote add origin https://github.com/dhandrohit/helloworld.git

git push -u origin master

http://readwrite.com/2013/09/30/understanding-github-a-journey-for-beginners-part-1