

Intro to GitHub at Butler

Creating a SSH key to use with GitHub:

Login to [thomas.butler.edu](https://github.butler.edu) using PuTTY / your favorite terminal program.

Generate a SSH key:

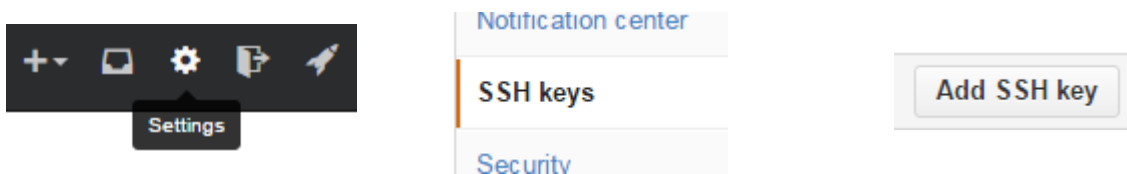
```
ssh-keygen -t rsa -C "you@butler.edu"  
-- accept default options by pressing <enter> --
```

Display the public key so that we can copy it later:

```
more .ssh/id_rsa.pub
```

Login to <https://github.butler.edu/>

Navigate to Settings, then click SSH Keys, finally click Add SSH Key



copy and paste the public key into <https://github.butler.edu/>

Add an SSH Key

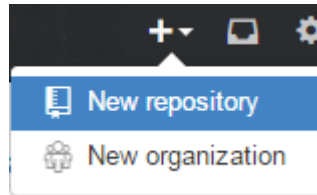
Title

Key

```
ssh-rsa  
AAAAB3NzaC1yc2EAAAADAQABAAQACy91vbCf7Aosih/WZHIRcUauEp+L2k9uGEuatf5dbWUxI088m922LqFI0  
yMcsh9vn7DgNuEGTrPeKFNbiLNGxZ6Y5Qs7NXggWp4tNn60L2wlFhCCFOlvi2DpssPofVHyft2WbK7VR8EoAO6Rk  
BrYgz9frbodKXpKh2yjJeEPryRLCYR8slzoSLBk3WUormnDuY/QkH1RFV3JETgdZYYcxkG6JWFdjzTDehVHRQMK  
gU3fWr1jQBC9UgrCtvZILwFxadi0JbtFwjF1g+M8B4wVjMcFJCubskwYPVN2kSfCxFFISO9/JGr0USb4yf4daFkDivONj  
D8FxHv51QtiHtHdL you@butler.edu
```

Add key

In GitHub, create a new repository



Use the SSH clone link to clone your repository to thomas.butler.edu by entering a command like:

```
git clone git@github.butler.edu:you/reponame.git
cd reponame
```

SSH clone URL

git@github.butler.edu



You can clone with [HTTPS](#), [SSH](#), or [Subversion](#). ⓘ

Then, as you make changes you can commit your changes and push them to GitHub:

```
echo "hello world" > hello.txt
git add hello.txt
git commit -m 'adding hello.txt to test git'
git push origin master
```

Reference:

Video instruction: <http://www.git-tower.com/learn/videos>

Official help: <https://help.github.com/>

Windows clients: <https://msysgit.github.io/>
<https://windows.github.com/>