

## Creating public/private key pair on macOS

MacOS comes with an SSH key generation utility preinstalled.

## Generating your keys

Open **Terminal** (or whatever terminal emulator you prefer).

Type the command `ssh-keygen`

```
[chrisdsaldivar@Chriss-MacBook-Pro ~ % ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/Users/chrisdsaldivar/.ssh/id_rsa): /Users/chrisdsaldivar/Projects/Keys/Web-Dev/id_rsa
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /Users/chrisdsaldivar/Projects/Keys/Web-Dev/id_rsa.
Your public key has been saved in /Users/chrisdsaldivar/Projects/Keys/Web-Dev/id_rsa.pub.
The key fingerprint is:
SHA256:/TihvQsw7JJUqsoYdHujf5scb+I9506W0oHYN2yK3eQ chrisdsaldivar@Chriss-MacBook-Pro.local
The key's randomart image is:
+----[RSA 2048]-----+
|
```

It'll prompt you asking where to save the key: you must give the full path (that is file name included). You can see the path I used in the image above.

Then it asks for a passphrase: this is up to you.

## Sending your keys securely

If you aren't bringing your computer to class, you'll need to have your keys in on the class computers. To transmit them securely you should send the files using Firefox send: <https://send.firefox.com/>.