

44-short-lnk video

Generating an SSH key

- SSH - secure socket shell
- lets check if we have any existing keys in our terminal

```
joses-MacBook-Pro:short-lnk mendoza$ ls -al ~/.ssh
```

- **in my case i do have a ssh but** we are going to follow the video in case I need one in the future
- the -C is for a comment, in our case we want to put the email our key is associated with

```
ssh-keygen -t rsa -b 4096 -C "jose@jjmendoza.com"
```

- it will ask you where you want to save it, in our case we want the default so just hit enter
- and also for a password
- next we want to check if we have ssh-agent running
- and we can see that it is running

```
joses-MacBook-Pro:short-lnk mendoza$ eval "$(ssh-agent -s)"
```

```
Agent pid 5313
```

- now we are going to give our key to github by using the following command

```
joses-MacBook-Pro:short-lnk mendoza$ eval "$(ssh-agent -s)"
```

- **then it'll ask us for the password**
- **next** we want to give that pub file to the clipboard

```
joses-MacBook-Pro:short-lnk mendoza$ less ~/.ssh/id_rsa.pub
```

- now copy everything it generates

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQAC9xN5HqsqvX0e0tHU0Vj/EBIGHYr1eVJVf6rnyyYYw4Ebf1AiSODWH/gOf  
rEjLfHkFvi/fYZ/sexIp2U2A0kjgUYh7jdg1RUBB5Up+gz13m8sS/jatKSjlRjnwQONsm/sdRibeDubqmiyD04mz2L/bHLnC  
FPVbyPC/ditxG6aXcwUTMghdsXu+QxdiTQVmArlhQls43VlZWYjZq91naE5ktKzyG90+BcP+4m8bhUv/tPgX5pMITSMVE3VNA  
TU8btmhy5L+u87B64D7LvNHjoXTW1vFR1Tu1NEEyKtmjNOY8aiXtNPUh3MvDcffZg/uYwUuVXuAYJ/QNj9c0uxjJaVtB men  
dozarriff@gmail.com
```

- and copy this to your github under SSH and GPG and text area that says Key, and on title just type what ever you 'll be able to recognize it with, in my case I put Jose Mendoza Macbook Pro

- using this I got an error saying that the Key was already in use, so I stopped here
- Im going to send over a test connection to the github server
- then it'll ask for your password and that's it

```
joses-MacBook-Pro:short-lnk mendoza$ ssh -T git@github.com
```

```
Enter passphrase for key '/Users/mendoza/.ssh/id_rsa':
```

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

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