

How to add multiple ssh keys for different accounts and what to add in the config file.

- run `ssh-keygen -t rsa -C "email@example.com" -f ~/.ssh/id_rsa_username`
- when prompted to add a passphrase, just click enter
- do the same when asked to enter the passphrase again
- You will see something like this

```
Your identification has been saved in
/Users/username/.ssh/id_rsa_username
Your public key has been saved in
/Users/username/.ssh/id_rsa_username.pub
The key fingerprint is:
SHA256:29NDUMkWrP34lW6oZbPV0VdummyJYmLKysMPuusa email@example.com
The key's randomart image is:
+---[RSA 3072]-----+
|      +oo++@++=.++|
|      o oooX.== o.o|
|      + oo.+ .o .|
|      . . o+ o . |
|      . S o . |
| . . . = o . |
| E . . = o |
| . . o |
| o. |
+-----[SHA256]-----+
```

- run `ssh-add ~/.ssh/id_rsa_username`
- run `cat ~/.ssh/id_rsa_username.pub`
- go to <https://github.com/settings/keys> and click New SSH key and paste the public key there, give a title and save it
- open config file in `~/.ssh/` directory by running `vi ~/.ssh/config`
- Add the following

```
# 1st GitHub Account (username)
Host github-username
    HostName github.com
    User git
    IdentityFile ~/.ssh/id_rsa_username
```

- Now run `ssh -T git@github-username .` you should see

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

- To clone a repository, run `git clone git@github-username:repourl.git`

Adding a second key for another git account.

- run `ssh-keygen -t rsa -C "email2@example.com" -f ~/.ssh/id_rsa_username2`
- when prompted to add a passphrase, just click enter
- do the same when asked to enter the passphrase again
- You will see something like this

```
Your identification has been saved in
/Users/username/.ssh/id_rsa_username2
Your public key has been saved in
/Users/username/.ssh/id_rsa_username2.pub
The key fingerprint is:
SHA256:29NDUMkWrP34lW6oZbPV0VdummyJYmLKysMPuusa email2@example.com
The key's randomart image is:
+---[RSA 3072]-----+
|      +oo++@++=.++|
|      o oooX.== o.o|
|      + oo.+ .o .|
|      . . o+ o . |
|      . S o . |
| . . . = o . |
| E . . = o |
| . . . o |
| o. |
+-----[SHA256]-----+
```

- run `ssh-add ~/.ssh/id_rsa_username2`
- run `cat ~/.ssh/id_rsa_username2.pub`
- go to <https://github.com/settings/keys> and click New SSH key and paste the public key there, give a title and save it
- open config file in `~/.ssh/` directory by running `vi ~/.ssh/config`
- Add the following

```
# 1st GitHub Account (username)
Host github-username
    HostName github.com
    User git
    IdentityFile ~/.ssh/id_rsa_username

# 2nd GitHub Account (username)
Host github-username2
    HostName github.com
    User git
    IdentityFile ~/.ssh/id_rsa_username 2
```

- Now run `ssh -T git@github-username2` . you should see
Hi username2! You've successfully authenticated, but GitHub does not provide shell access.
- To clone a repository, run `git clone git@github-username2:repourl.git`