



<https://help.github.com/articles/set-up-git/>

Setting up Git

Download and install the latest version of Git.

On your computer, open the Terminal application.
Tell Git your name so your commits will be properly labeled.

```
git config --global user.name "YOUR NAME"
```

Tell Git the email address that will be associated with your Git commits. The email you specify should be the same one found in your email settings.

```
git config --global user.email "YOUR EMAIL ADDRESS"
```

<https://help.github.com/articles/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent/>

Generating a new SSH key and adding it to the ssh-agent

You can generate a new SSH key to use for authentication, then add it to the ssh-agent. If you don't already have an SSH key, you must generate a new SSH key:

Open Terminal.

Paste the text below, substituting in your GitHub email address.

```
ssh-keygen -t rsa -b 4096 -C "your_email@example.com"
```

This creates a new ssh key, using the provided email as a label.

Generating public/private rsa key pair.

When you're prompted to "Enter a file in which to save the key," press Enter. This accepts the default file location.

```
Enter a file in which to save the key (/Users/you/.ssh/id_rsa):  
[Press enter]
```

At the prompt, type a secure passphrase.

```
Enter passphrase (empty for no passphrase): [Type a passphrase]  
Enter same passphrase again: [Type passphrase again]
```

Adding your SSH key to the ssh-agent
Start the ssh-agent in the background.

```
eval "$(ssh-agent -s)"  
Agent pid 59566
```

Add your SSH key to the ssh-agent. If you are using an existing SSH key rather than generating a new SSH key, you'll need to replace `id_rsa` in the command with the name of your existing private key file.



```
ssh-add -K ~/.ssh/id_rsa
```

Add the SSH key to your GitHub account (see below).

<https://help.github.com/articles/adding-a-new-ssh-key-to-your-github-account/>

Adding a new SSH key to your GitHub account

Copy the SSH key to your clipboard. You can locate the hidden .ssh folder, open the file in your favorite text editor, and copy it to your clipboard.

In the upper-right corner of any page, click your profile photo, then click Settings.

In the user settings sidebar, click SSH and GPG keys.

Click New SSH key or Add SSH key.

In the "Title" field, add a descriptive label for the new key. For example "My computer".

Paste your key into the "Key" field.

Click Add SSH key.

If prompted, confirm your GitHub password.