

Github ssh keys version 2

Ken Youens-Clark

Abstract

Citation: Ken Youens-Clark Github ssh keys. **protocols.io**

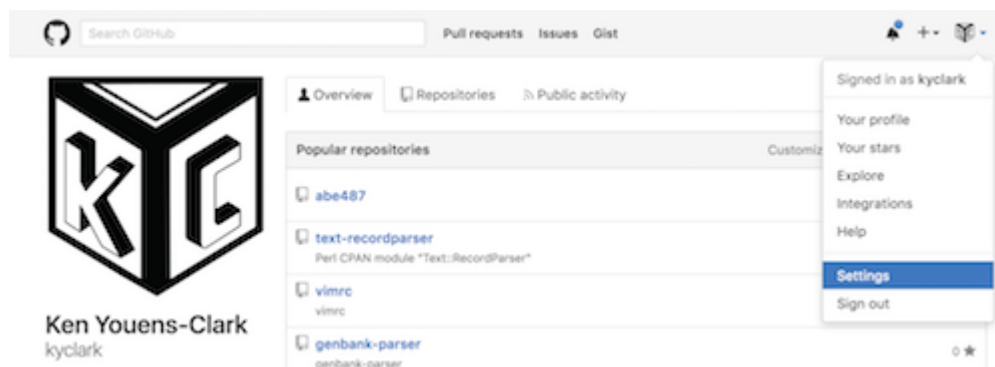
dx.doi.org/10.17504/protocols.io.fsubnew

Published: 12 Sep 2017

Protocol

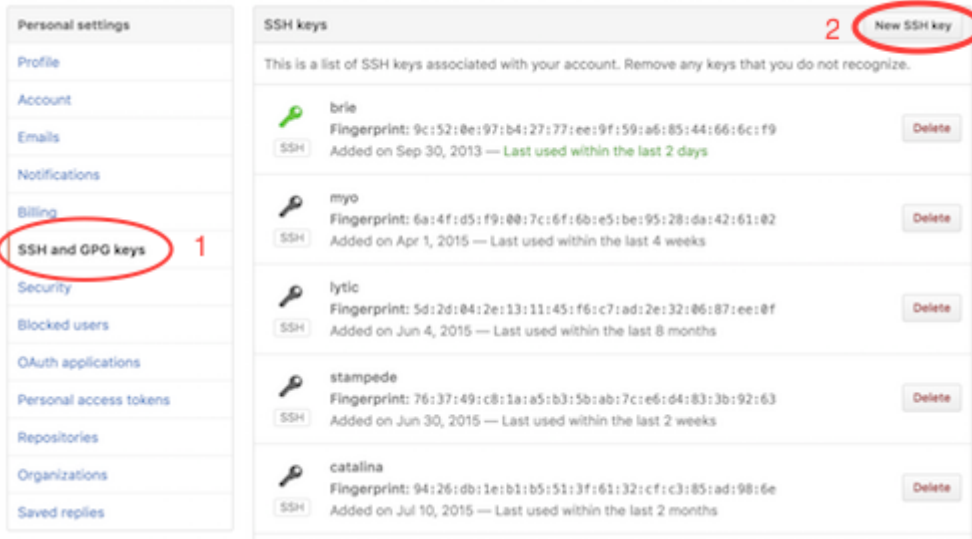
Step 1.

Login to your Github account and choose the "Settings" under your menu.



Step 2.

Select the SSH Keys section on the left (1) and then click on "New SSH key" in the upper-right (2).



Step 3.

Copy the public key (`/.ssh/id_rsa.pub`) from your system (laptop, HPC, etc.) and paste it into the "Key" and give the key a title like "laptop" or "UA HPC," then click on the big green "Add SSH Key" button.

Title

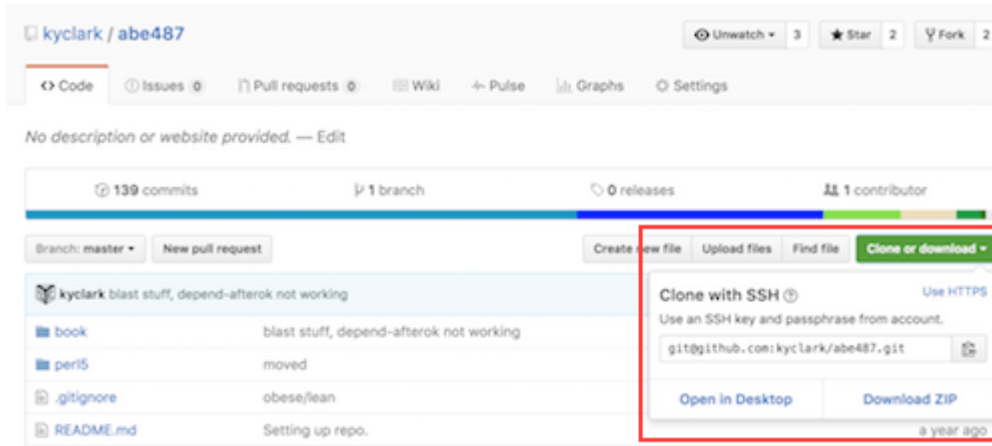
Key

Begins with 'ssh-rsa', 'ssh-dss', 'ssh-ed25519', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', or 'ecdsa-sha2-nistp521'

Add SSH key

Step 4.

Clone your project via SSH.



Click on the little button next to the "github" address. This will copy the location into your clipboard. Then go to the system where you want to clone and do:

```
$ git clone <paste>
```

Step 5.

If you had previously checked out your using HTTPS, you can edit the ".git/config" in your checkout directory to change the "https" to "ssh":

```
[saguaro@~/work/abe487]$ cat .git/config
[core]
    repositoryformatversion = 0
    filemode = true
    bare = false
    logallrefupdates = true
    ignorecase = true
    precomposeunicode = true
[remote "origin"]
    url = git@github.com:kyclark/abe487.git
    fetch = +refs/heads/*:refs/remotes/origin/*
[branch "master"]
    remote = origin
    merge = refs/heads/master
```

Step 6.

You should now be able to push/pull from your repo without having to type your Github password.