

# Github ssh keys

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## Abstract

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

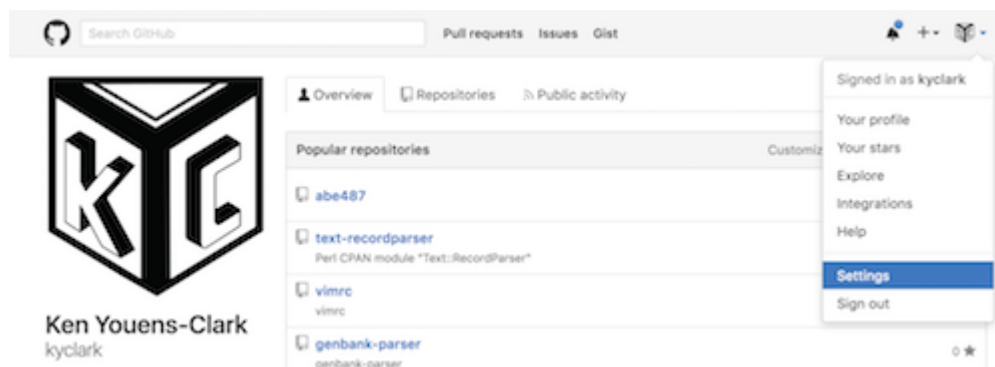
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## Protocol

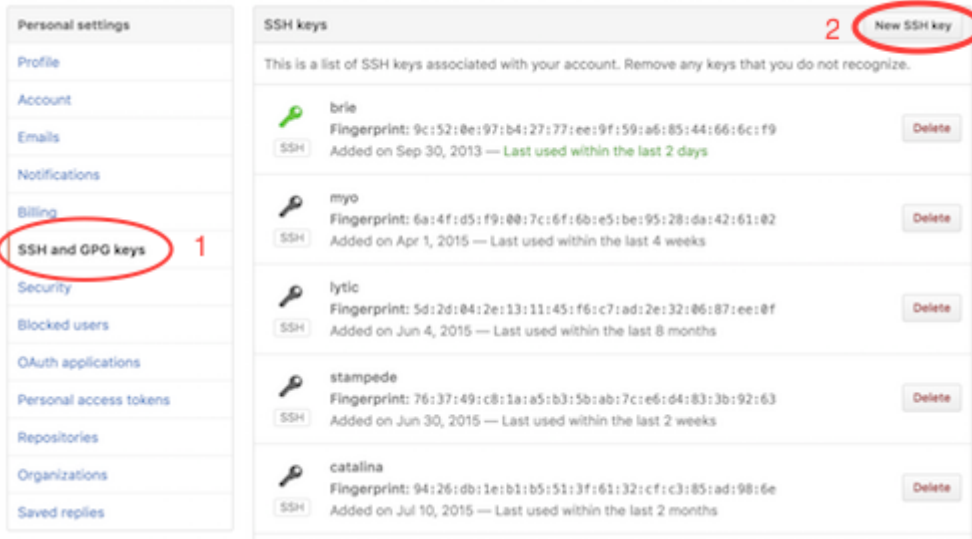
### Step 1.

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).



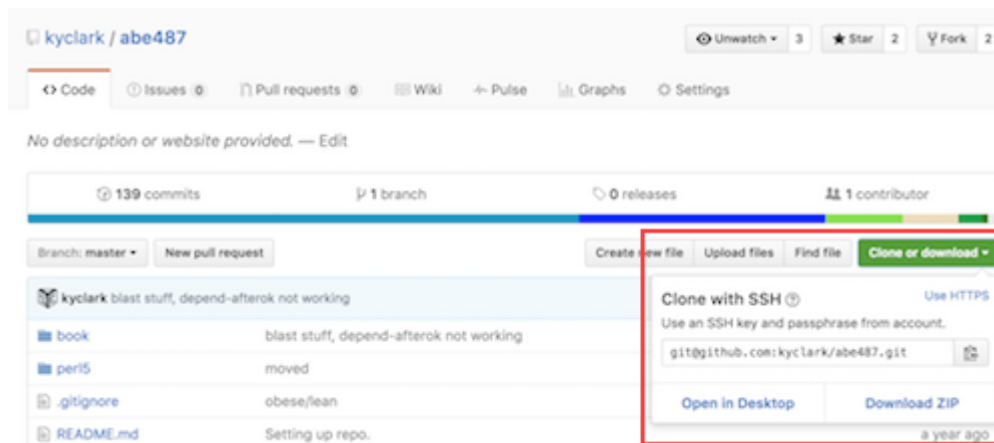
### Step 3.

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.

The image shows the 'Add SSH key' form. It has a 'Title' field (a text input box) and a 'Key' field (a larger text area). Below the 'Key' field, there is a green button labeled 'Add SSH key'. The 'Key' field contains placeholder text: 'Begins with 'ssh-rsa', 'ssh-dss', 'ssh-ed25519', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', or 'ecdsa-sha2-nistp521'.

### Step 4.

Clone your project via SSH.



## 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.