

echo

下载文件

git相关知识

从远程仓库下载一个到本地

如何上传更新(*重点)

几个命令的总结

echo

```
1 echo "hello1" > 1.txt
```

表示将 `hello1` 这个字符串重定向至1.txt文件里面(就是把 `hello1` 这个字符串“放进”文件里面;)

```
1 echo "hello2" >> 1.txt
```

表示将 `hello2` 这个字符串追加(另起一行追加)重定向至1.txt文件里面，如果不用 `>>` 这个符号，`hello2` 将替换 `hello1`

下载文件

```
1 curl -L https://code.jquery.com/jquery-3.3.1.js > 1.js
2
```

git相关知识

教材详细地址:

https://xiedaimala.com/tasks/24e32d28-9aeb-4010-a643-d97904e8101d/text_tutorials/317c56bc-d774-415c-9594-4b11e67a3f5d

```
1 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
2 $ git init
3 Reinitialized existing Git repository in C:/Users/huyon/github/git_demo1/.git/
4
5 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
6 $ touch index.html
7
8 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
9 $ touch css/style.css
10 touch: cannot touch 'css/style.css': No such file or directory
```

```
11
12 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
13 $ mkdir css
14
15 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
16 $ touch css/style.css
17
18 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
19 $ git add index.html
20
21 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
22 $ git add css
23
24 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
25 $ git status -sb
26 ## No commits yet on master
27 A css/style.css
28 A index.html
29
30 huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
31 $ git commit -m "第一次提交"
32 [master (root-commit) f18950c] 第一次提交
33 2 files changed, 0 insertions(+), 0 deletions(-)
34 create mode 100644 css/style.css
35 create mode 100644 index.html
36
```

```

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git init
Reinitialized existing Git repository in C:/Users/huyon/github/git_demo1/.git/

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ touch index.html

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ touch css/style.css
touch: cannot touch 'css/style.css': No such file or directory

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ mkdir css

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ touch css/style.css

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git add index.html

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git add css

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git status -sb
## No commits yet on master
A css/style.css
A index.html

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git commit -m "第一次提交"
[master (root-commit) f18950c] 第一次提交
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 css/style.css
create mode 100644 index.html

```

```

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ open css/style.css
bash: open: command not found

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ start css/style.css

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)

```

MAC里面用
它

style.css - Visual Studio Code

File Edit Selection View Go Debug Terminal Help

```

# style.css x
1 body{color: red;}
2 |

```

M 知道这个文件变了,不知道要不要将其提交至仓库;

```
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ start css/style.css

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git status -sb
## master
M css/style.css
```

将其提交: (注意: M 变绿色了),就是说这个改动正是要被提交了!

```
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git status -sb
## master
M css/style.css

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git add css
warning: CRLF will be replaced by LF in css/style.css.
The file will have its original line endings in your working directory.

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git status -sb
## master
M css/style.css
A 的意思就是添加,也就是说你告诉 git, 这些文件我要加到仓库里

huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$
```

```
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo1 (master)
$ git commit -m "改动css"
[master 8e43154] 改动css
1 file changed, 1 insertion(+)
```



```

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
$ git log
commit 8e4315464bcba7fb2d7d86af530c7cb5053c7aa8 (HEAD -> master)
Author: richard <huyongjinnuaa@163.com>
Date: Sat Oct 6 21:43:47 2018 +0800
    修改了

git add 改动css 或者也可以 git add .
过，你往文章上面看，我们是 add 过 css/style.css 的，所以此处的 git add 操作可
commit f18950cb72ed4b955b27709e6f64cd3e20e0e0b7
Author: richard <huyongjinnuaa@163.com>
Date: Sat Oct 6 21:25:25 2018 +0800
    Commit 两个命令，才能被添加到本地仓库。
绿色，红色和绿色有啥区别呢？别管它们的区别，记住我说的，先 add，再
第一次提交

```

...or push an existing repository from the command line

```

git remote add origin git@github.com:richard1230/git_demo1.git
git push -u origin master

```

```

1 git remote add origin git@github.com:richard1230/git_demo1.git
2
3 git push -u origin master
4

```

```

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
$ tree
bash: tree: command not found

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
$ git remote add origin git@github.com:richard1230/git_demo1.git
Git 操作手册

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
$ git push -u origin master
Counting objects: 8, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (8/8), 622 bytes | 155.00 KiB/s, done.
Total 8 (delta 0), reused 0 (delta 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote: https://github.com/richard1230/git_demo1/pull/new/master
remote:
...or import code from another repository
To github.com:richard1230/git_demo1.git
 * [new branch] master -> master
Branch master set up to track remote branch master from origin.

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo1 (master)
$ |

```

GitHub, Inc. [US] | https://github.com/richard1230/git_demo1

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2 commits 1 branch 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

richard1230 改动css Latest commit 8e43154 21 minutes ago

css	改动css	21 minutes ago
index.html	第一次提交	39 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

从远程仓库下载一个到本地

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner Repository name

richard1230 / git_demo2

Great repository names are short and memorable. Need inspiration? How about fluffy-waddle.

Description (optional)

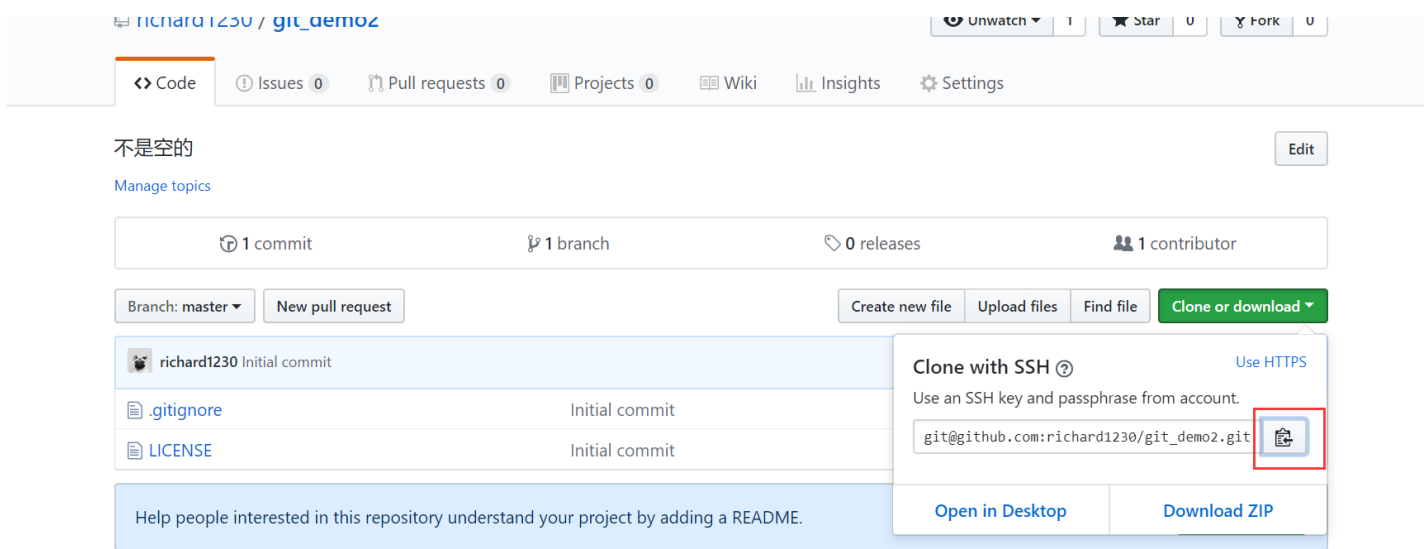
不是空的

☒ Public
Anyone can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

☐ Initialize this repository with a README
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository

Add .gitignore: Node Add a license: MIT License



```
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github
$ git clone git@github.com:richard1230/git_demo2.git
Cloning into 'git_demo2'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (4/4), done.
```

以 `.` 开头的文件皆默认为隐藏!

```
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo2 (master)
$ ll -la
total 16
drwxr-xr-x 1 huyon 197609 0 10月 6 22:15 ./
drwxr-xr-x 1 huyon 197609 0 10月 6 22:15 ../
drwxr-xr-x 1 huyon 197609 0 10月 6 22:15 .git/
-rw-r--r-- 1 huyon 197609 914 10月 6 22:15 .gitignore
-rw-r--r-- 1 huyon 197609 1067 10月 6 22:15 LICENSE
```

如何上传更新(*重点)

```

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo2 (master)
$ git add .

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo2 (master)
$ git commit -m "init"
[master ae7a87d] init
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 index.html

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo2 (master)
$ git pull
Already up-to-date.

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo2 (master)
$ git push
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 304 bytes | 152.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To github.com:richard1230/git_demo2.git
64cf3b1..ae7a87d master -> master

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo2 (master)
$

```

GitHub, Inc. [US] | https://github.com/richard1230/git_demo2

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2 commits 1 branch 0 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

File	Commit	Time
.gitignore	Initial commit	14 minutes ago
LICENSE	Initial commit	14 minutes ago
index.html	init	3 minutes ago

Help people interested in this repository understand your project by adding a README. [Add a README](#)

何时用pull，就是你的远程被更改了！

richard1230 / git_demo2

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2 commits 1 branch 0 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

richard1230 init Latest commit ae7a87d 13 minutes ago

.gitignore	Initial commit	24 minutes ago
LICENSE	Initial commit	24 minutes ago
index.html	init	13 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

远程仓库被改了:

不是空的 Edit

Manage topics

3 commits 1 branch 0 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

richard1230 Create style.css Latest commit a013846 2 minutes ago

.gitignore	Initial commit	30 minutes ago
LICENSE	Initial commit	30 minutes ago
index.html	init	19 minutes ago
style.css	Create style.css	2 minutes ago

Help people interested in this repository understand your project by adding a README. Add a README

此时在本地创建一个文件(这里为 `main.js`)

```
huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo2 (master) Status Hel
$ touch main.js
huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/git_demo2 (master)
$
```

报错! (因为远程仓库包含了一些本地没有的变动)

```
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo2 (master)
$ git add .
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo2(master)
$ git commit -m "js"
[master 1b8137d] js
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 main.js
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo2 (master)
$ git push
To github.com:richard1230/git_demo2.git
! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'git@github.com:richard1230/git_demo2.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo2 (master)
$
```

先 `git pull` : 将远程的变更拉倒本地;

```
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo2 (master)
$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
Unpacking objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
From github.com:richard1230/git_demo2
ae7a87d..a013846 master -> origin/master
Merge made by the 'recursive' strategy.
style.css | 1 +
1 file changed, 1 insertion(+)
create mode 100644 style.css
huyon@LAPTOP-BDAHAEOK MINGW64 ~/github/git_demo2 (master)
$ git push
Counting objects: 4, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 452 bytes | 226.00 KiB/s, done.
Total 4 (delta 2), reused 0 (delta 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To github.com:richard1230/git_demo2.git
a013846..69c9317 master -> master
```

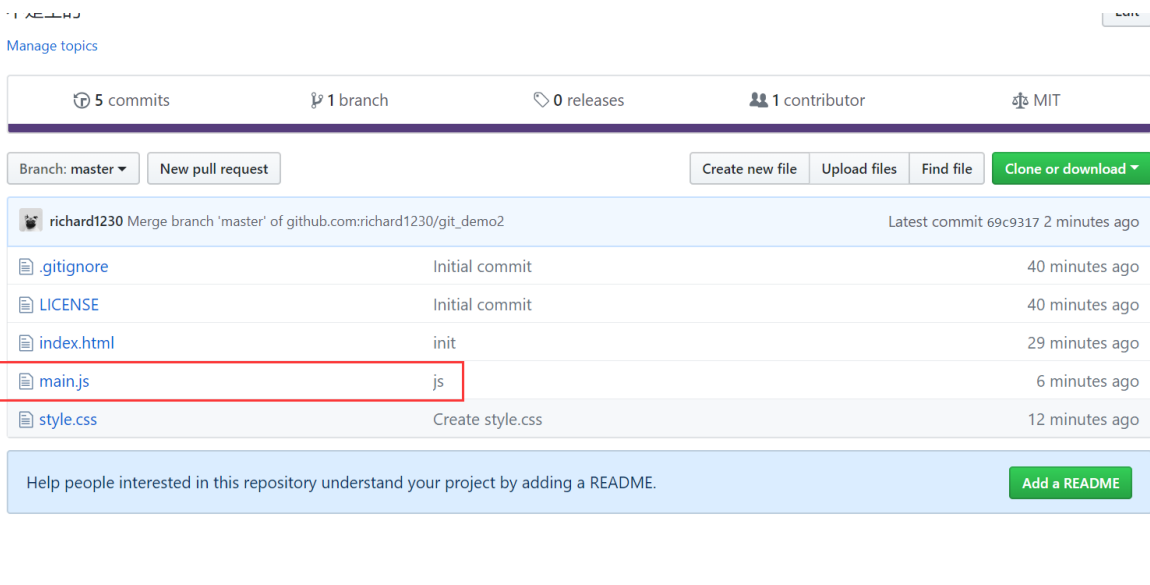
1. git clone git@github.com:xxxx,
2. git init, 初始化本地仓库 .git
3. git status -sb, 显示当前所有文件
4. git add 文件路径, 用来将变动加入仓库
5. git commit -m "信息", 用来正式提交
6. 如果有新的变动, 我们只需要依次重复 4, 5 即可
7. git log 查看变更历史

如何上传更新

你在本地目录有任何变动, 只需按照以下顺序操作:

1. git add 文件路径
2. git commit -m "信息"
3. git pull (相信我, 你一定会忘记)
4. git push

下面是例子



<https://www.jianshu.com/p/11c23dfc2f46>

再举一个例子:

```
huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git add checkapi.py

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git commit -m "main code"
[master 86d7a2f] main code
1 file changed, 38 insertions(+)
 create mode 100644 checkapi.py

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git pull
Already up-to-date.

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git push
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 681 bytes | 340.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To github.com:richard1230/checkapitool.git
 a51956b..86d7a2f master -> master
```

这里原来已经有一个readme了,并且已经上传好了,如果还想要再次上传数据,按照这四个命令来进行.

几个命令的总结

```
1 echo "hello1" > 1.txt
```

表示将 **hello1** 这个字符串重定向至1.txt文件里面(就是把 **hello1** 这个字符串“放进”文件里面;)

```
1 echo "hello2" >> 1.txt
```

表示将 **hello2** 这个字符串追加(另起一行追加)重定向至1.txt文件里面, 如果不用 **>>** 这个符号, **hello2** 将替换 **hello1**

下载文件

```
1 curl -L https://code.jquery.com/jquery-3.3.1.js > 1.js
2
```

更新模板:

```
huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git add checkapi.py
huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git commit -m "main code"
[master 86d7a2f] main code
1 file changed, 38 insertions(+)
create mode 100644 checkapi.py

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git pull
Already up-to-date.

huyon@LAPTOP-BDAHAE0K MINGW64 ~/github/checkapitool (master)
$ git push
Counting objects: 3, done. (master)
Delta compression using up to 4 threads.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 681 bytes | 340.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To github.com:richard1230/checkapitool.git
a51956b..86d7a2f master -> master
```

```
1 touch file
2 git add . //git add file(两个都试试)
3 git commit -m "name"
4 git pull
5 git push
6
```