
一、上传文件合并命令

基本命令就是如下：

\$ cd myproject #定位到要上传文件的文件夹，一般情况下右键》git bush
here 就是可以了

\$ git init # 把此文件夹内容初始化

\$ git add . # 把内容加入到 git 缓冲中去（注意 add 与 “.” 之间有空格）

\$ git commit -m 'initial commit' # 添加评论内容（此内容不写，没有文件写入）

\$ git remote add origin <https://github.com/DreamsFuture/Javase-source-code.git> #获得远程 GitHub 的地址，这样可以 push 到这个仓库中去，这里容易出现的问题就是 name “origin” 这个本地库名重名，一般一个项目一个仓库 “name”，如果想修改名字，可以参考如下：

上面这句指令执行了之后，就会出现用户名和密码输入，然后就执行上传

\$ git push origin master

自己理解的深度

问题分析

如下图 Figure 1 所示，选中文件夹，上传的不是本文件夹，而是此文件夹的信息，所以要根据具体内容来上传；

<https://github.com/DreamsFuture/Javase-source-code.git> 信息是从 Figure 1 右上框获取的，所以必须先在 GitHub 网址上先创建内容，才能把东西上传上去；

至于下面的那个 md 文件，就是我创建 GitHub 仓库时附带的，但是我自己使用 `commit` 这个命令时出现问题，导致我之前一直没有做成功过；

但是最后我再一次重新试了一遍，然后跳过了一些步骤之后，就成功了，如下图 Figure 2 所示

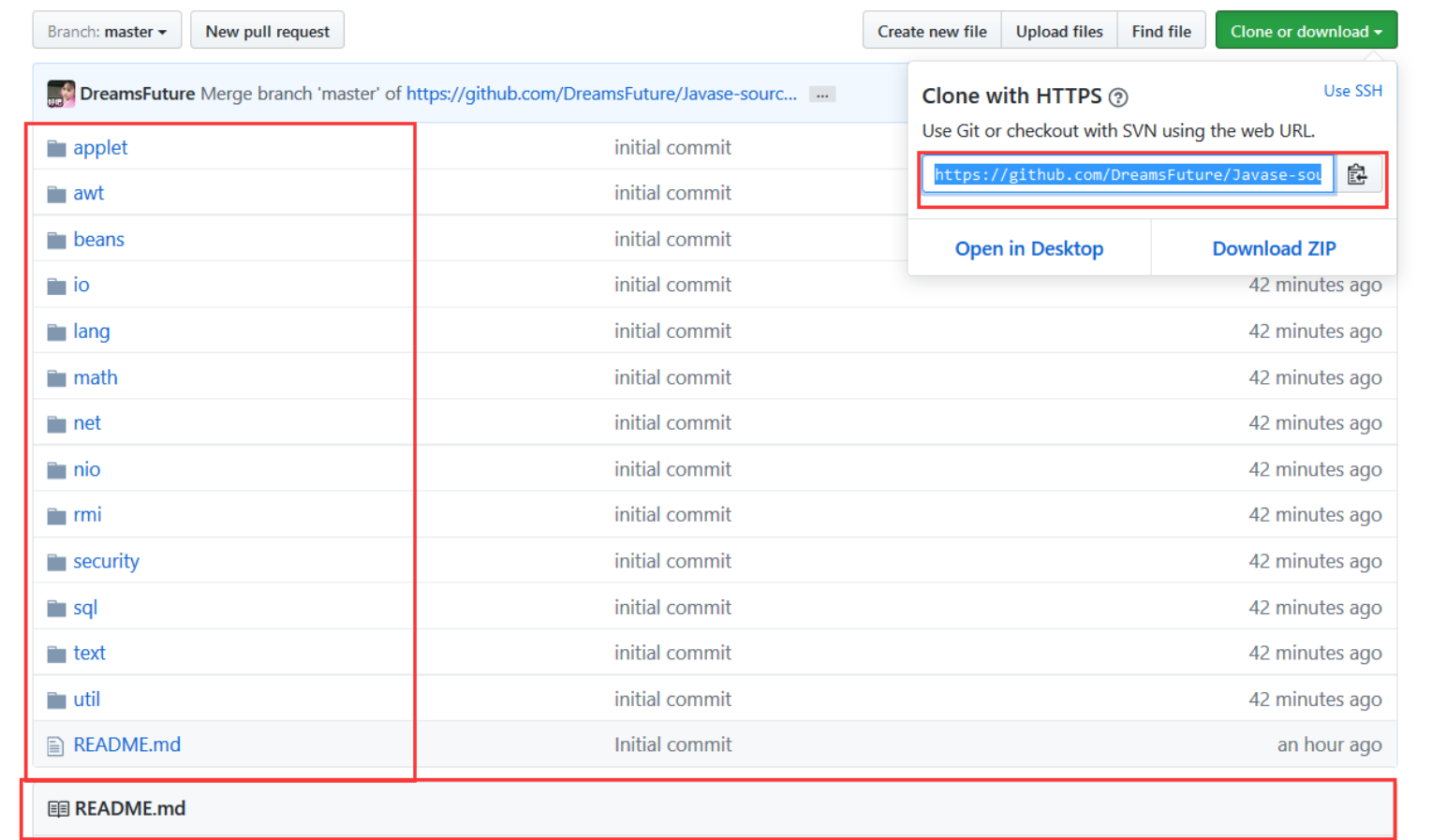


Figure 1 GitHub upload files problem

中间没有画出框的内容“initial commit”是我之前做过的一次的评论和说明，但是之前问题很多，不知道什么原因，现在也不是很清楚；

```
MINGW64:/e/Java/?????/java
Colin@DESKTOP-TPH9C2G MINGW64 /e/Java/基本类源代码/java (master)
$ git init
Reinitialized existing Git repository in E:/Java/基本类源代码/java/.git/
Colin@DESKTOP-TPH9C2G MINGW64 /e/Java/基本类源代码/java (master)
$ git add.
git: 'add.' is not a git command. See 'git --help'.
Did you mean this?
    add
Colin@DESKTOP-TPH9C2G MINGW64 /e/Java/基本类源代码/java (master)
$ git add .
Colin@DESKTOP-TPH9C2G MINGW64 /e/Java/基本类源代码/java (master)
$ git remote https://github.com/DreamsFuture/Javase-source-code.git
error: Unknown subcommand: https://github.com/DreamsFuture/Javase-source-code.git
usage: git remote [-v | --verbose]
       or: git remote add [-t <branch>] [-m <master>] [-f] [--tags | --no-tags] [--mirror=<fetch|push>] <name> <url>
       or: git remote rename <old> <new>
       or: git remote remove <name>
       or: git remote set-head <name> (-a | --auto | -d | --delete | <branch>)
       or: git remote [-v | --verbose] show [-n] <name>
       or: git remote prune [-n | --dry-run] <name>
       or: git remote [-v | --verbose] update [-p | --prune] [(<group> | <remote>)..]
       or: git remote set-branches [--add] <name> <branch>...
       or: git remote get-url [--push] [--all] <name>
       or: git remote set-url [--push] <name> <newurl> [<oldurl>]
       or: git remote set-url --add <name> <newurl>
       or: git remote set-url --delete <name> <url>

       -v, --verbose          be verbose; must be placed before a subcommand
Colin@DESKTOP-TPH9C2G MINGW64 /e/Java/基本类源代码/java (master)
$ git remote add origin https://github.com/DreamsFuture/Javase-source-code.git
fatal: remote origin already exists.
Colin@DESKTOP-TPH9C2G MINGW64 /e/Java/基本类源代码/java (master)
$ git push origin master
Counting objects: 1237, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (1236/1236), done.
Writing objects: 100% (1237/1237), 3.12 MiB | 272.00 KiB/s, done.
Total 1237 (delta 282), reused 0 (delta 0)
remote: Resolving deltas: 100% (282/282), done.
To https://github.com/DreamsFuture/Javase-source-code.git
d86bde2..f915cc0 master -> master
Colin@DESKTOP-TPH9C2G MINGW64 /e/Java/基本类源代码/java (master)
$
```

Figure 2 在已经做过一遍上传但是有 errors 的情况下，利用 GitHub 上传文件的整个过程

三、本地库的操作

- 1、在 wongya 文件夹下创建 test.txt，输入 111 并保存。

2、`git add .`（或文件名） 将文件添加到缓存区，`git commit`（可添加文件名）`-m "此处添加注释"`将文件上传到本地版本库。

3、`git branch` 分支名 添加分支，`git checkout` 分支名 可以切换分支。`add`、`commit` 到版本库之后切换回 `master` 主分支，`git merge` 子分支名 将子分支上的更改合并到 `master` 主分支上。`git checkout -b` 分支名在子分支上对 `master` 主分支进行更改，`git branch -d` 分支名 可以删除分支。

四、将本地库上传到远程

1、`git remote add origin +个性网址`。

2、`git pull origin master` 从远程下载代码合并到本地的 `master` 主分支上确保远程与本地不冲突。

3、`git push origin master` 将本地的代码合并到远程分支。

五、总结

`git --version` 查询版本号

`git config --global user.name " "` 名字

`git config --global user.email " "` 邮箱

`git add` 文件名 将文件添加到缓存区

`git add .` 将所有文件添加到缓存区

`git commit` 文件名 `-m"注释"` 将文件提交到版本库

`git status` 有没有没提交的更新

`git diff` 具体怎么改的

`git rm -f` 文件名 删除文件，要提交才行

`git log` 显示日志 `git branch` 查看分支，带*的是当前分支,创建分支

`git branch -a` 包括远程分支

`git checkout` 分支 切换到分支

`git checkout -b` 创建并切换分支

`git merge` 分支 `master` 合并 `merge` 分支，分支的修改要相互不影响

`git push origin` 分支名字 上传到远程分支

`git clone` 第一次拿远程的代码

`git pull` 之后拿代码

`git remote add origin` 添加新的远程仓库

`git pull origin master` 将远程的代码直接合并到本地 `master` 上确保远程与本地不冲突，在将本地的子分支合并到本地主分支确保本地之间不冲突，再把 `master` 合并到远程分支

很多不懂的问题，以后要高明白

问题一： `git pull: There is no tracking information for the current branch`

`git pull: There is no tracking information for the current branch`

▲ 150 i've been using github from a relatively short period, and I've always used the client to perform commits and pulls. I decided to try it from the git bash yesterday, and I successfully created a new repo and committed files.

▼ today I did changes to the repository from another computer, I've committed the changes and now I'm back home and performed a `git pull` to update my local version and i get this:

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There is no tracking information for the current branch.
Please specify which branch you want to merge with.
See `git-pull(1)` for details

`git pull <remote> <branch>`

If you wish to set tracking information for this branch you can do so with:

`git branch --set-upstream develop origin/<branch>`

the only contributor to this repo is me and there are no branches (just a master). I'm on windows and I've performed the pull from git bash (<http://prntscr.com/85picx>)

问题二: Issue pushing new code in Github

Issue pushing new code in Github

▲ I created a new repository on Github which has only Readme.md file now.

49 ▼ I have a newly created RoR project which I wanted to push to this repository. Following are the commands I gave in my Terminal to execute this along with the error I am getting.

★ 20 After which I entered my username and password

```
git remote add origin https://github.com/aniruddhabarapatre/learn-rails.git
```

```
git push -u origin master
```

Error ---

```
To https://github.com/aniruddhabarapatre/learn-rails.git
! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/aniruddhabarapatre/learn-rails.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 merge the remote changes (e.g.,
hint: 'git pull') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
```

This is my first time pushing my code to a Github repository and I'm lost with the errors. I searched few other questions that are asked here, but none of them had issues first time.

问题三: fatal: The current branch master has no upstream branch

fatal: The current branch master has no upstream branch

▲ I'm trying to push one of my projects to github, and I keep getting this error:

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```
peeplesoft@jane3:~/846156 (master) $ git push

fatal: The current branch master has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin master
```

问题四：Git refusing to merge unrelated histories

Git refusing to merge unrelated histories



问题五： error:src refspec master does not match any

这个问题，我之前也遇到过，这次又遇到了只是时间间隔比较长了，为了防止以后再遇到类似问题，还是把这个方法简单记录在此。

当然，是通过搜索引擎找到的答案，开始用谷歌，我以为 stackoverflow 会很权威的，结果在这上面没有找到合适的。

<http://stackoverflow.com/questions/21264738/error-src-refspec-master-does-not-match-any>

反倒是换用百度输入，查看中文的东西才解决了这个问题。

问题产生

原因分析

引起该错误的原因是，目录中没有文件，空目录是不能提交上去的

解决方法

```
touch README
git add README
git commit -m 'first commit'
git push origin master
```

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來源：简书

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