

Git 学习笔记

Git 学习笔记

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一、Git 简介

1.什么是Git?

多人参与项目的开发，就把这个项目放到一个公共的地方或管理区，可以在里面获取与提交

2.提供Git服务的网站?

国外常用的是: <http://github.com>

国内常用的是码云: <http://git.oschina.net>

3.网站比较:

github慢，但是上面内容多，大神多，简历里也需要github.com

码云快，但是内容少。

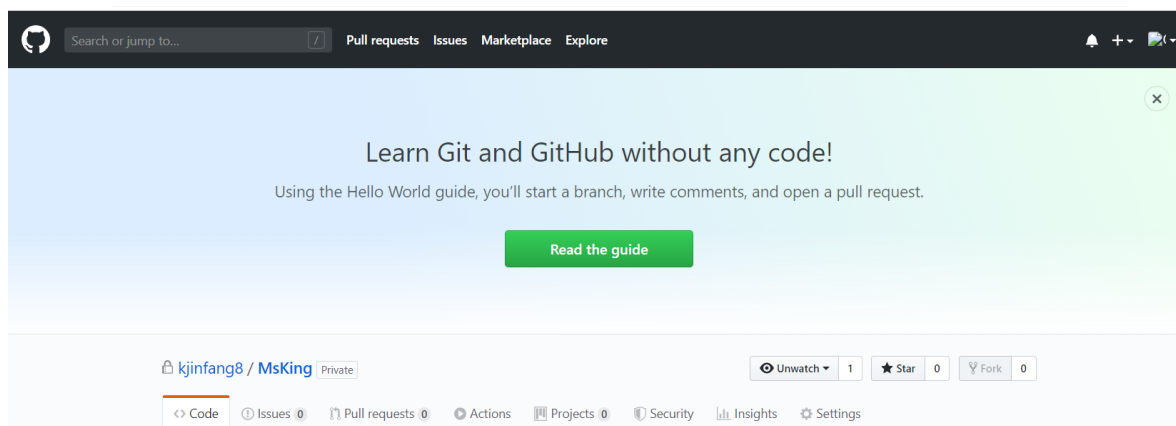
4.使用github网站

创建一个账号

The image shows the GitHub sign-up form with four handwritten red numbers indicating the steps:

- 1** points to the **Username** field, which contains "Kjinfang" and a green checkmark.
- 2** points to the **Email** field, which contains "24. [redacted]@qq.com" and a green checkmark.
- 3** points to the **Password** field, which contains ".....".
- 4** points to the **Sign up for GitHub** button.

Below the password field, there is a note: "Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter. [Learn more.](#)"



二、Git pull项目

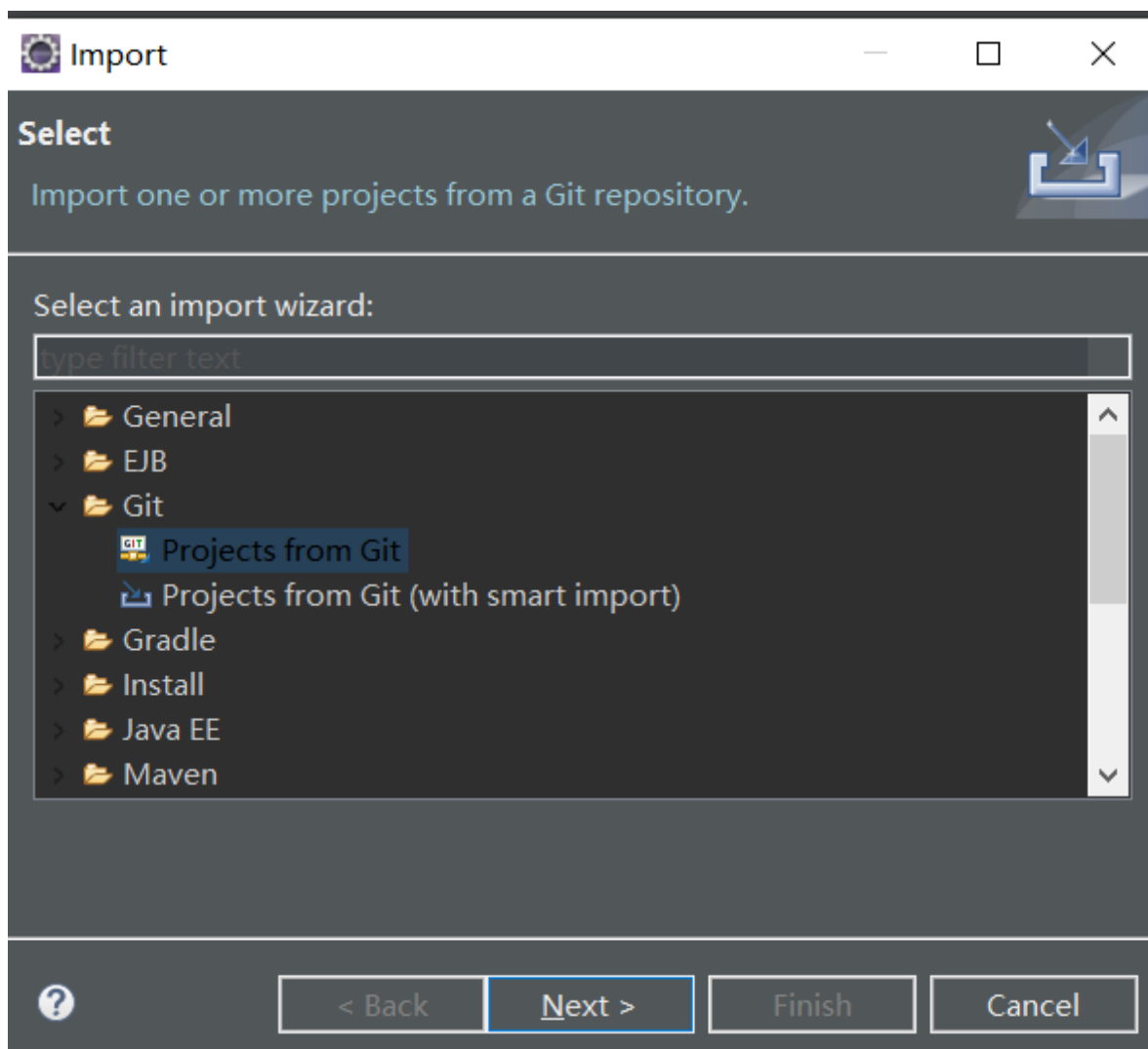
1：目的

如何拉一个现成的java 项目到eclipse中，并跑起来

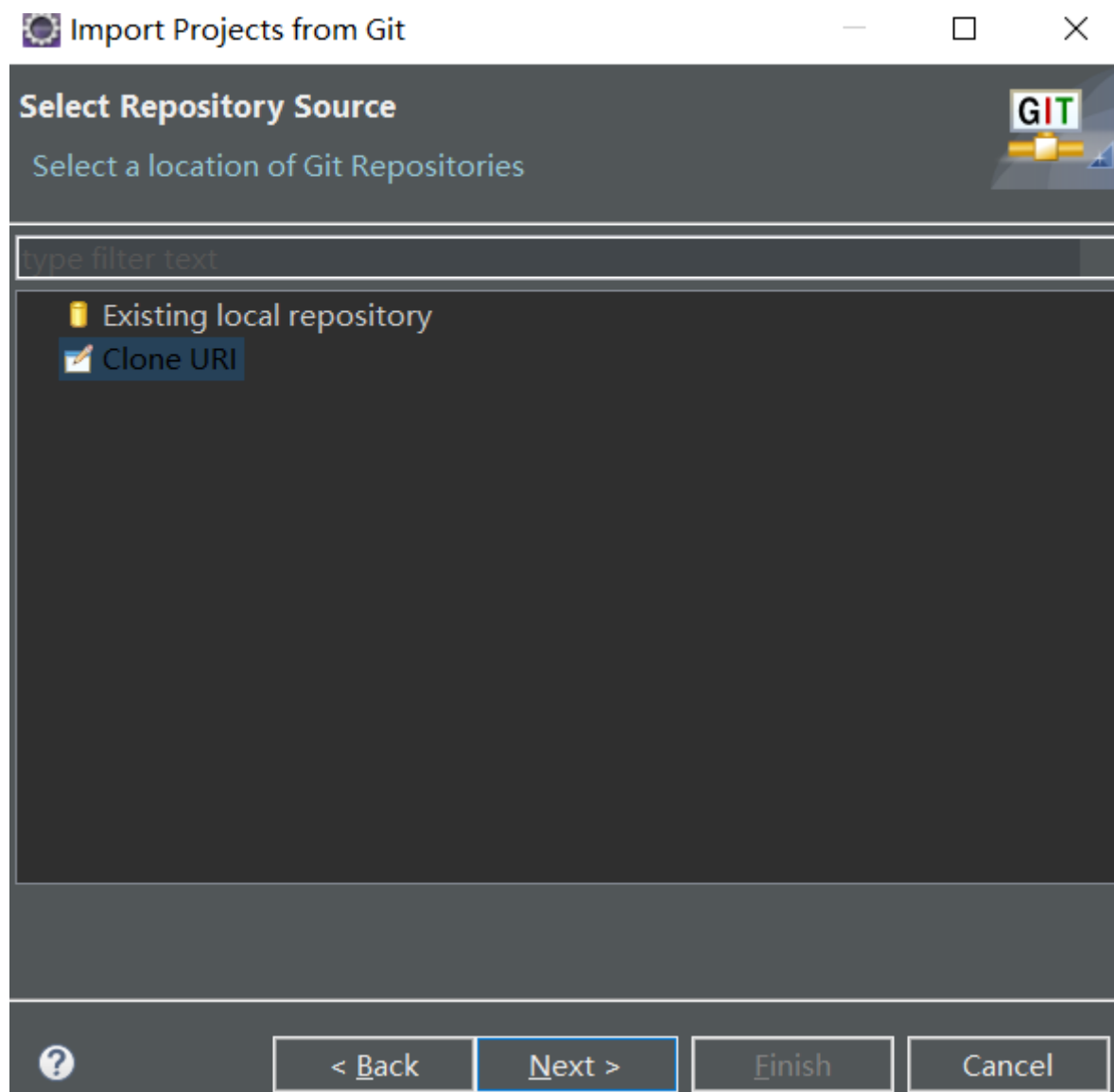
2：eclipse 版本

这里就不用说了，操作流入水

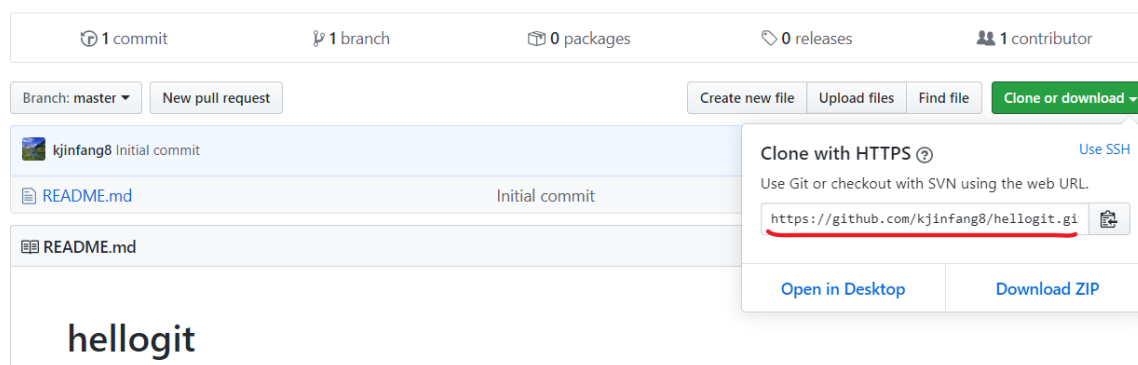
3：使用git方式导入项目




4 : 选择Clone URI



5 : 输入git参数



Source Git Repository



Enter the location of the source repository.

Location

URI:

https://github.com/kjinfang8/hellogit.git

Local File...

Host:

github.com

Repository path:

/kjinfang8/hellogit.git

Connection

Protocol:

https

Port:

Authentication


User:

2414375568@qq.com

Password:

●●●●●●●●●●

☒ Store in Secure Store



< Back

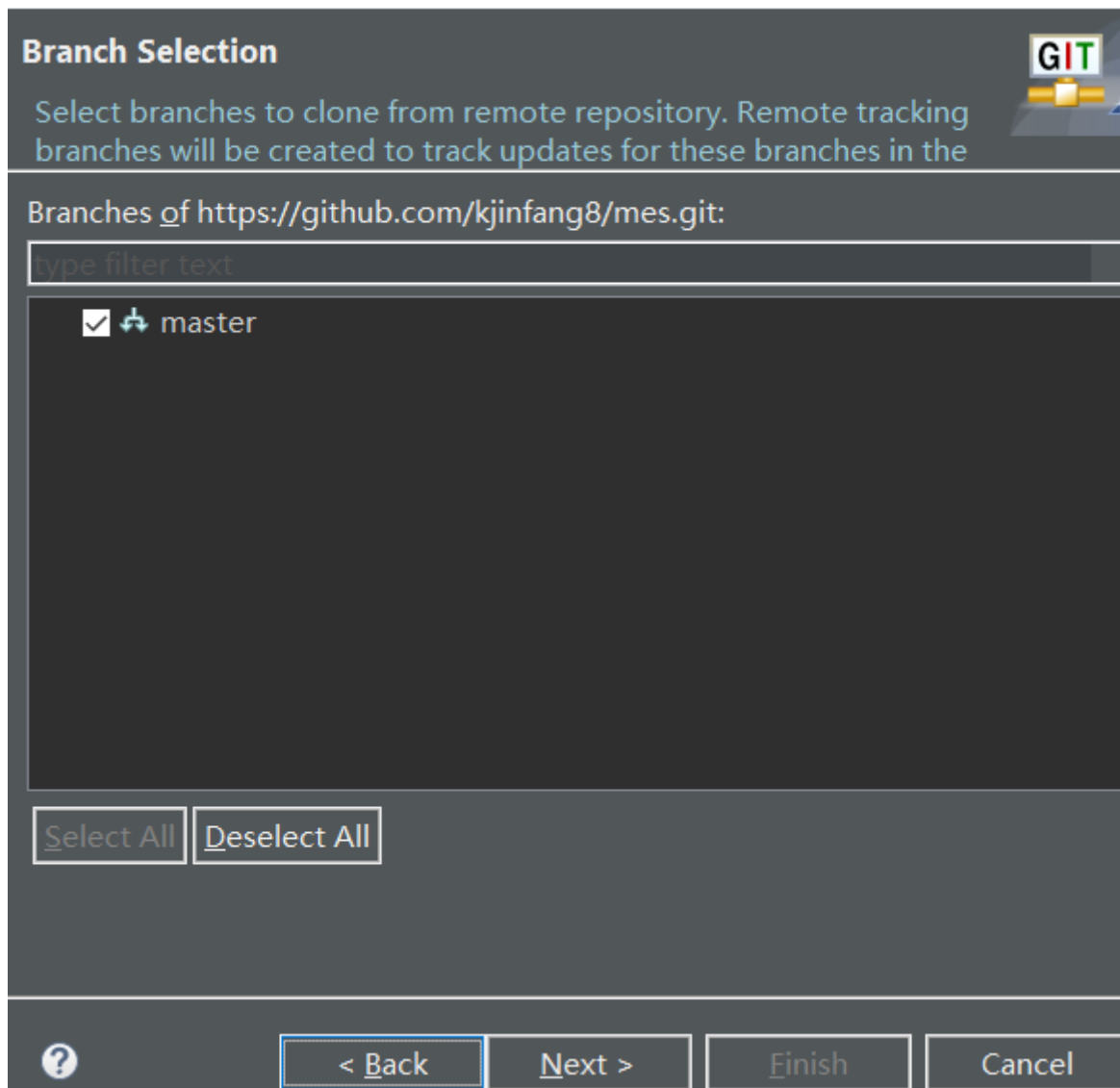
Next >

Finish

Cancel

6 : 是否提供密码提示

7 : 选择分支



8 : 本地存放位置

Local Destination

Configure the local storage location for hellogit.

Destination


Directory:

Initial branch:

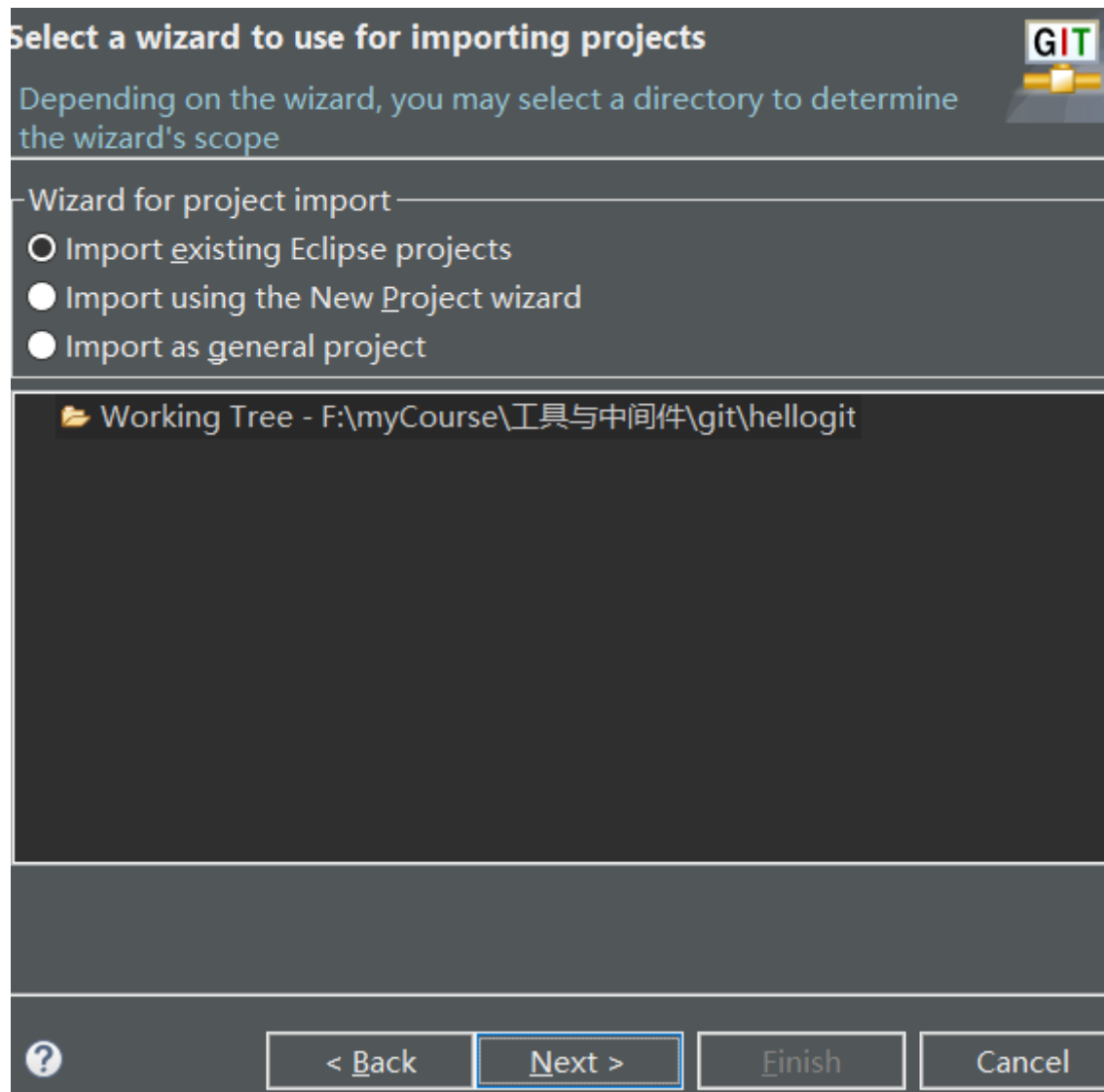
☐ Clone submodules

Configuration

Remote name:

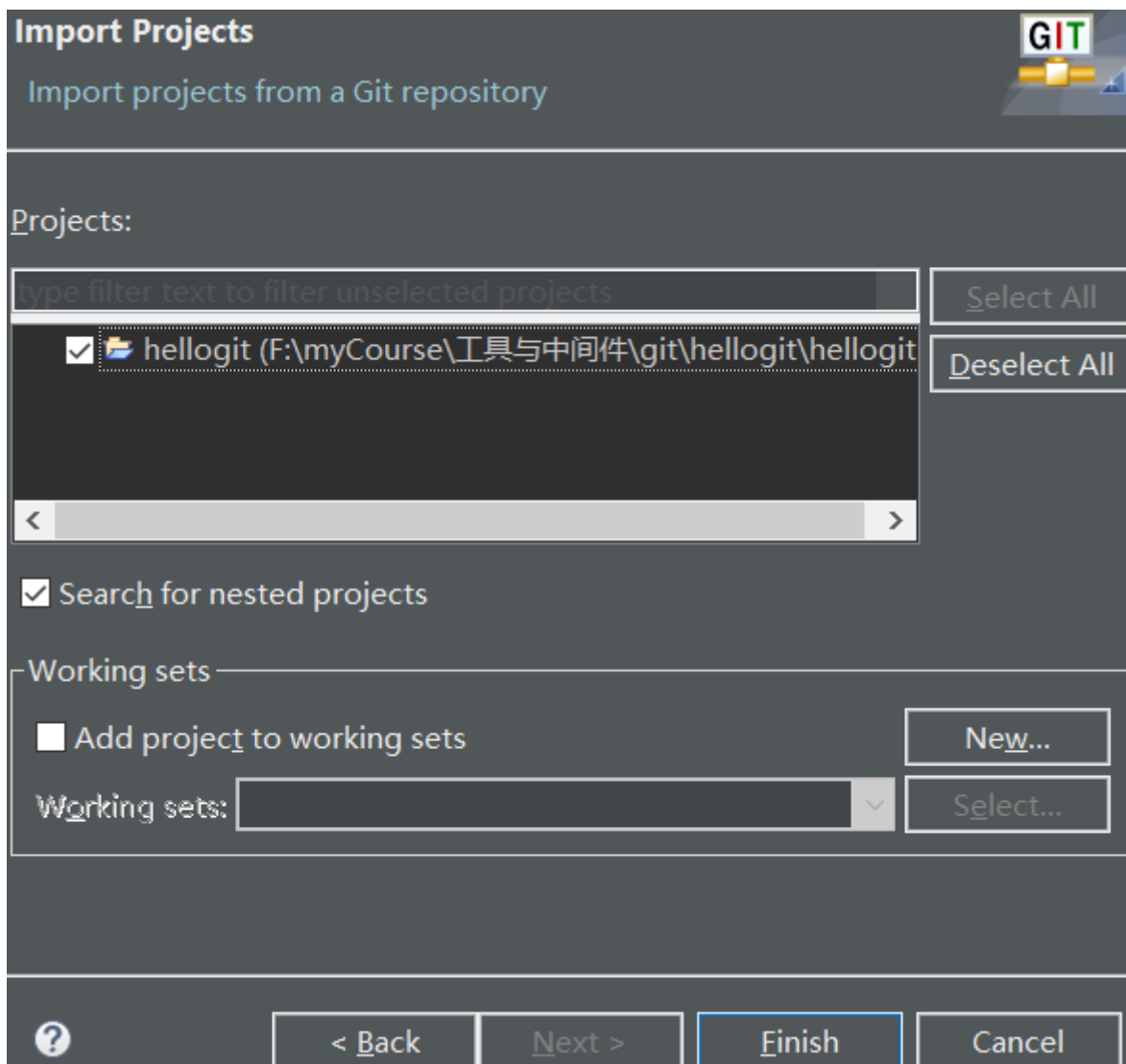


9 : 导入此项目到Eclipse中

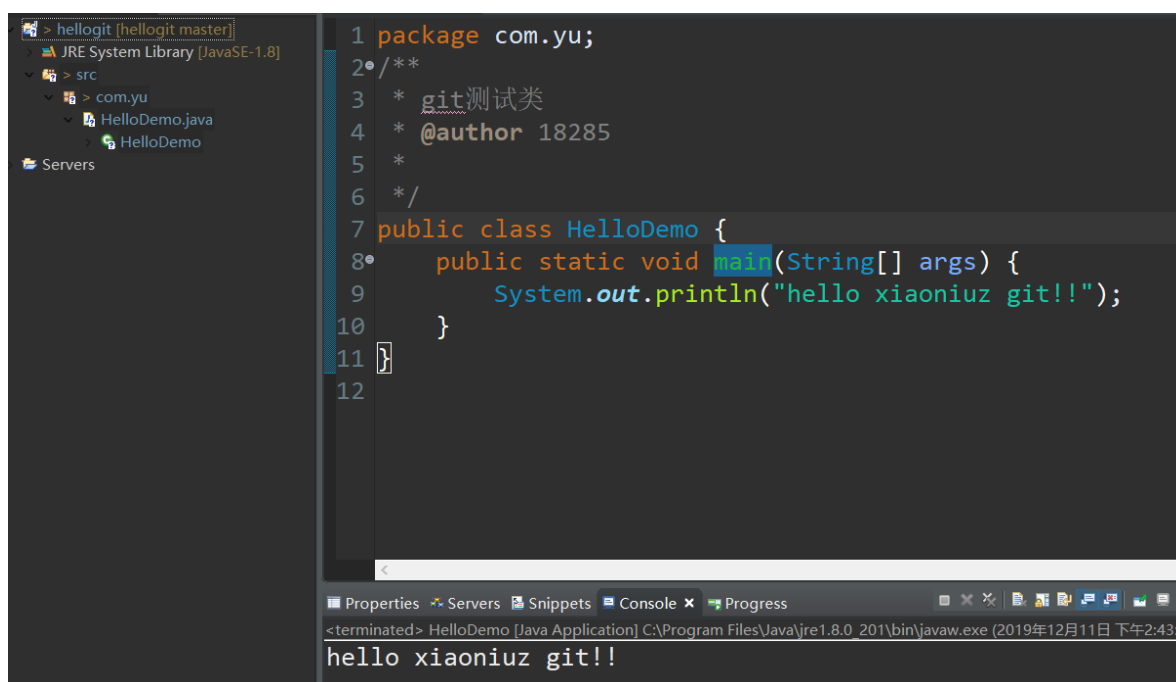


10 : 确定位置





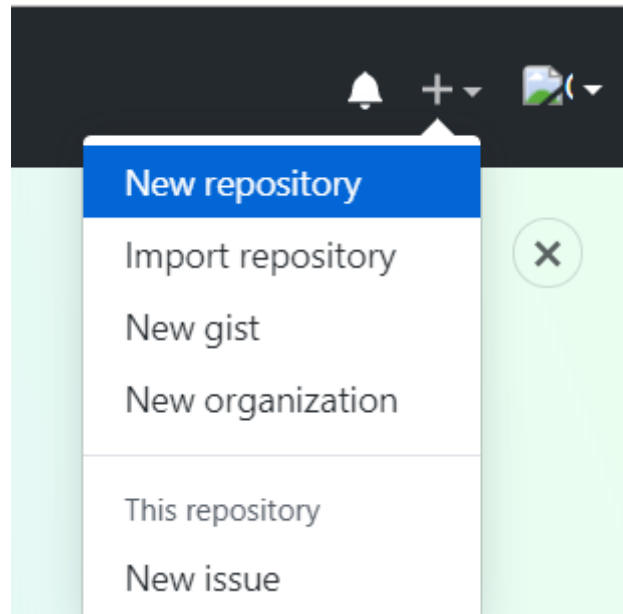
11 : 运行HelloGit



三、Git 创建项目

1 : 把自己的项目共享到Git上

2 : 在Git上新建仓库



3 : 输入仓库名称

Owner: / Repository name *: ✓

Great repository names are short and memorable. Need inspiration? How about [effective-telegram](#)?

Description (optional):

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

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

Skip this step if you're importing an existing repository.

☒ **Initialize this repository with a README 可选项**
This will let you immediately clone the repository to your computer.

Add .gitignore: | Add a license: ⓘ

2

4 : 创建成功，得到git地址

共享项目仓库源-测试

Edit

Manage topics

1 commit 1 branch 0 packages 0 releases 1 contributor

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

kjinfang8 Initial commit

README.md Initial commit

README.md

clone with HTTPS Use SSH

Use Git or checkout with SVN using the web URL.

<https://github.com/kjinfang8/helloworld>

Open in Desktop Download ZIP

copy

5 : 在Eclipse中创建一个java项目

创建java项目

Create a Java Project

Create a Java project in the workspace or in an external location.

Project name: helloworld

☒ Use default location

Location: F:\myCourse\工具与中间件\data\helloworld Browse...

JRE

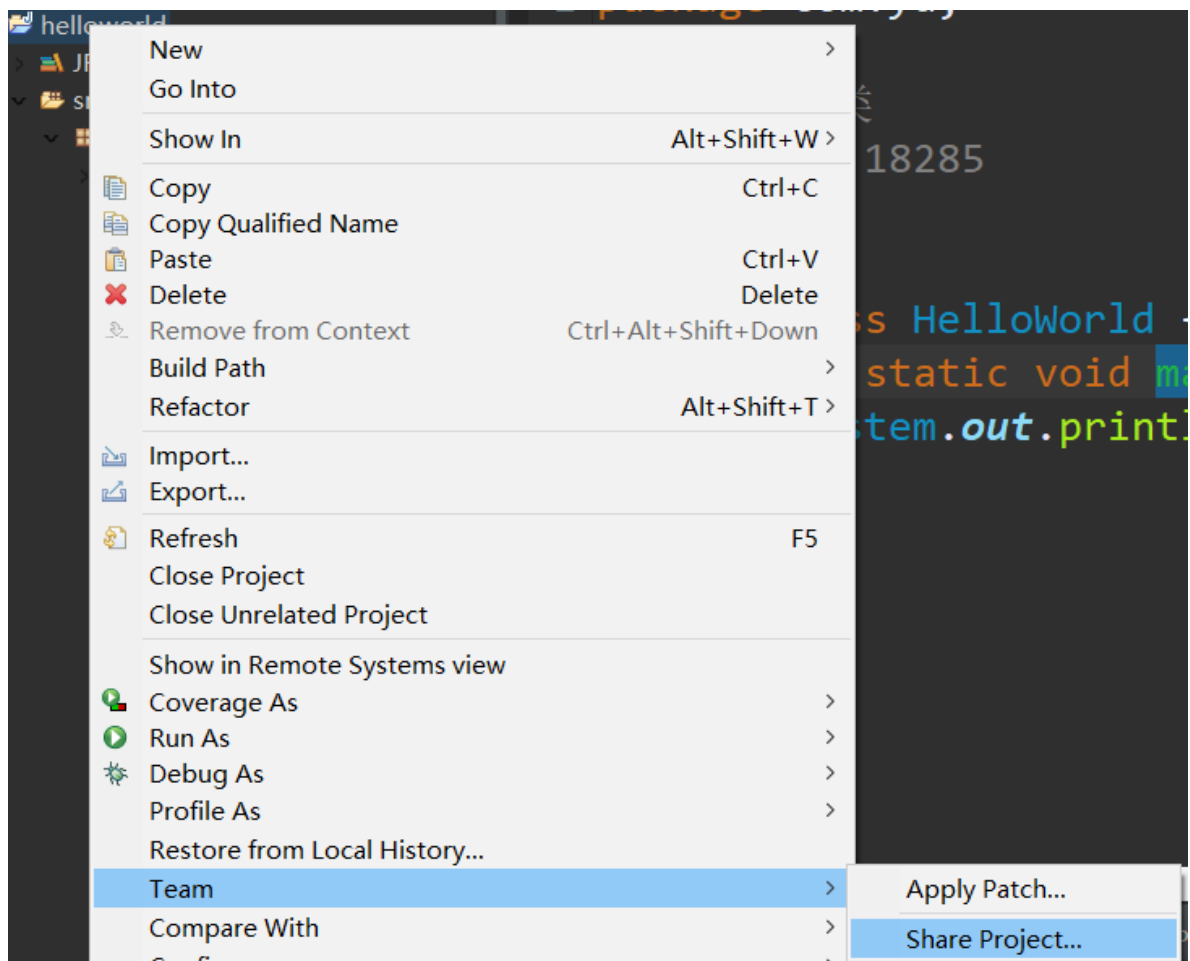
创建测试类

```
helloworld
├── JRE System Library [JavaSE-1.8]
├── src
│   └── com.yu
│       └── HelloWorld.java
└── ...

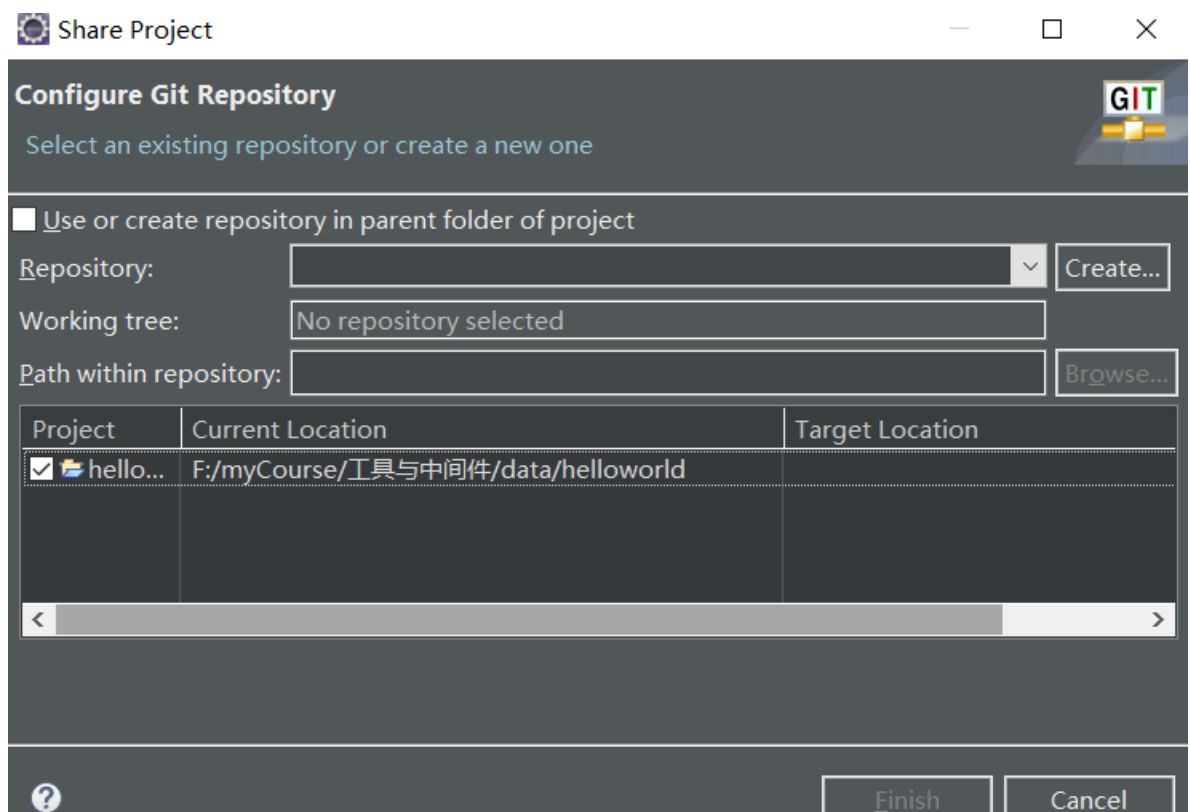
2. /**
3.  * git测试类
4.  * @author 18285
5.  *
6.  */
7. public class HelloWorld {
8.     public static void main(String[] args) {
9.         System.out.println("hello xiaoniuz git!!");
10.    }
```

6 : Share Project

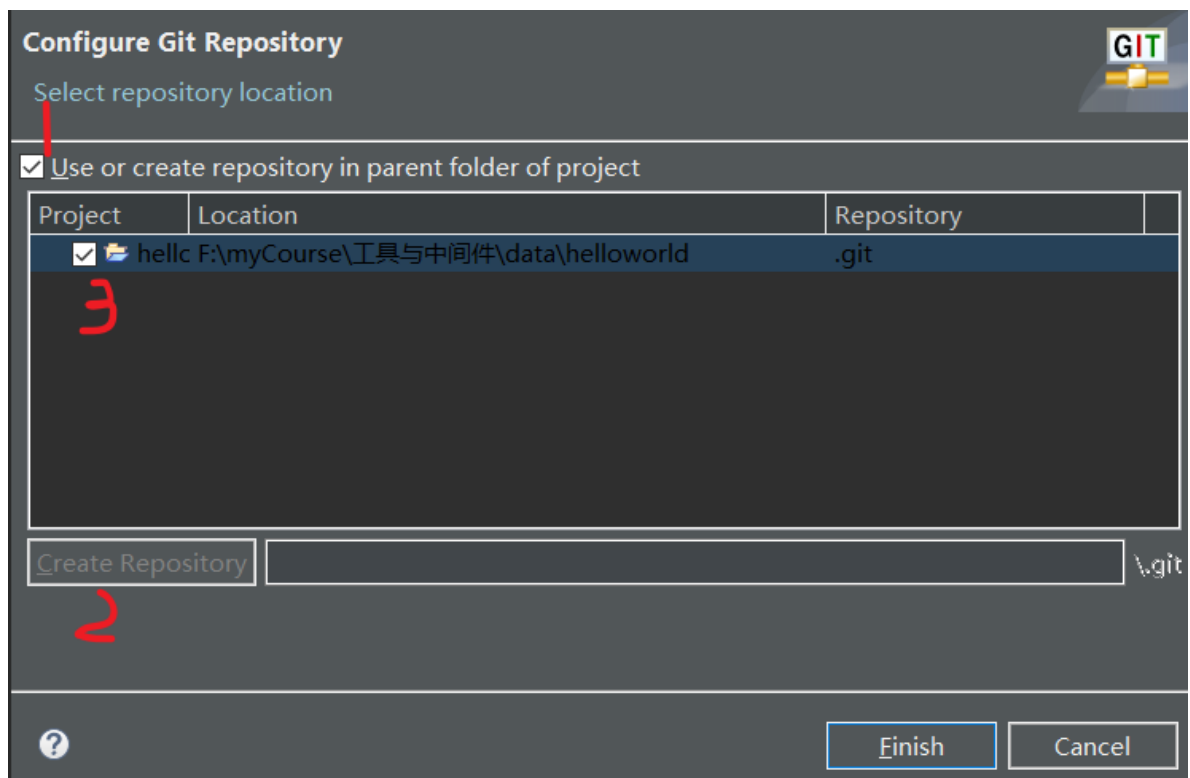
配置Share Project



7: 配置仓库

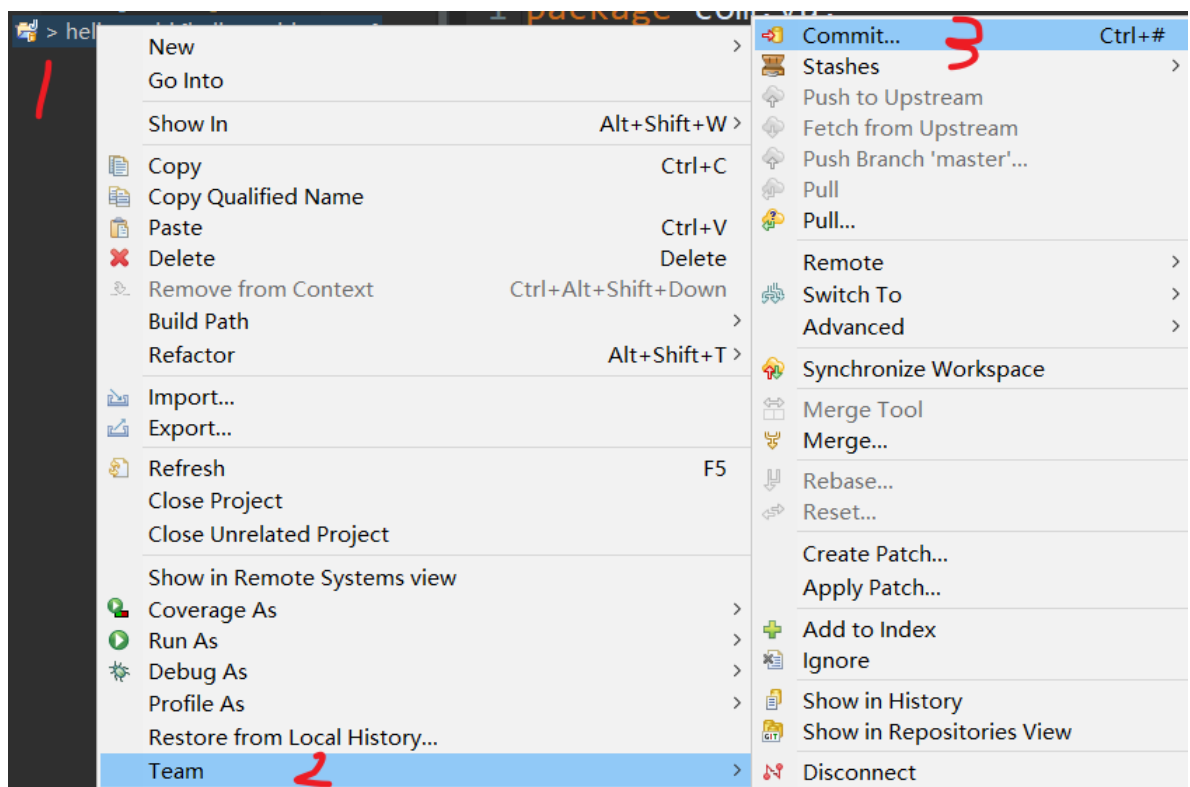


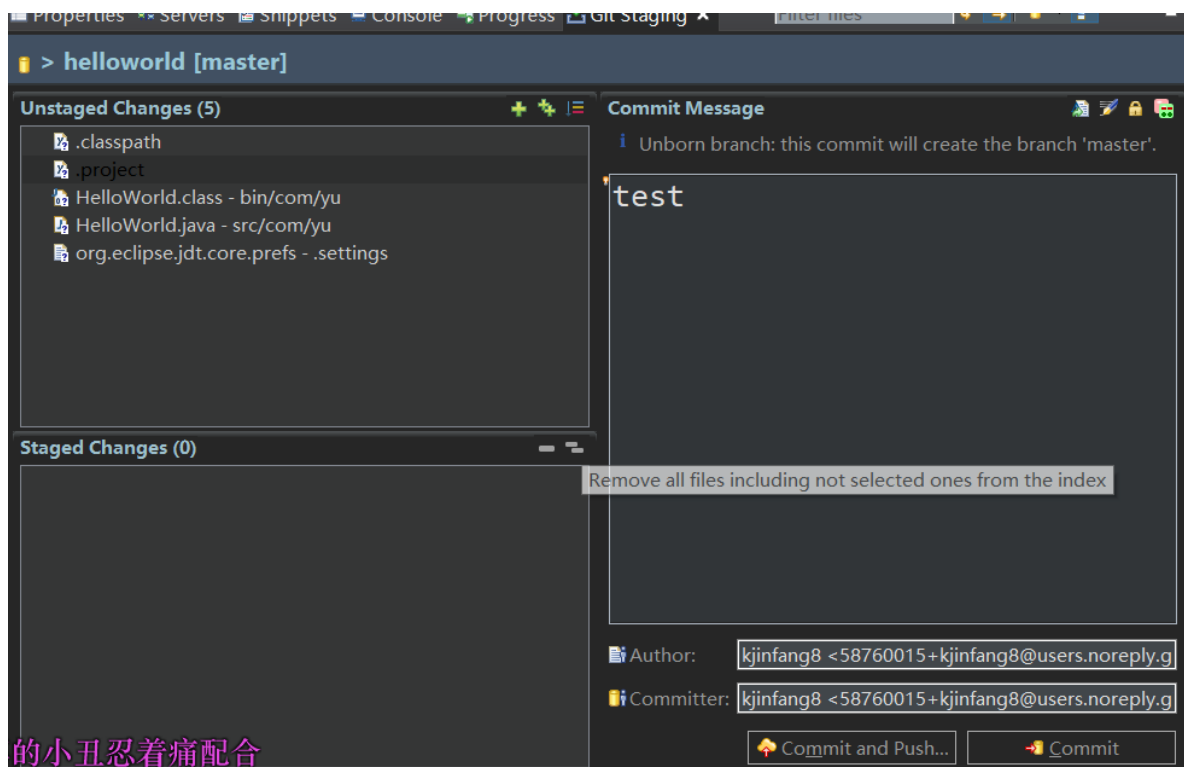
8: 创建仓库



点击finish

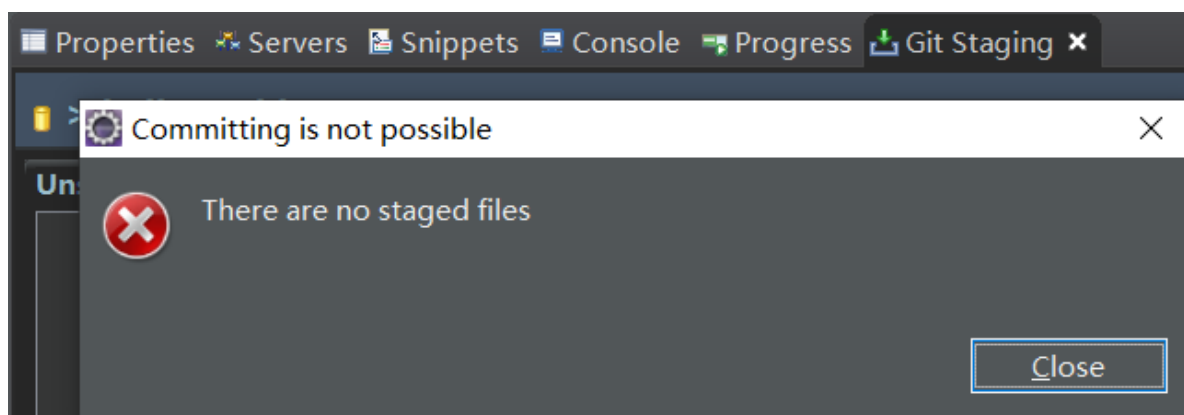
9 : 提交项目





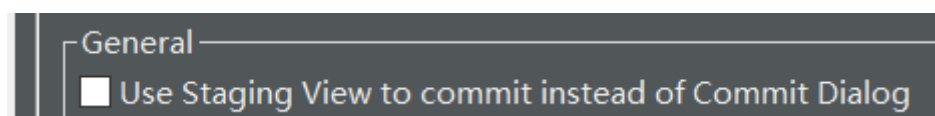
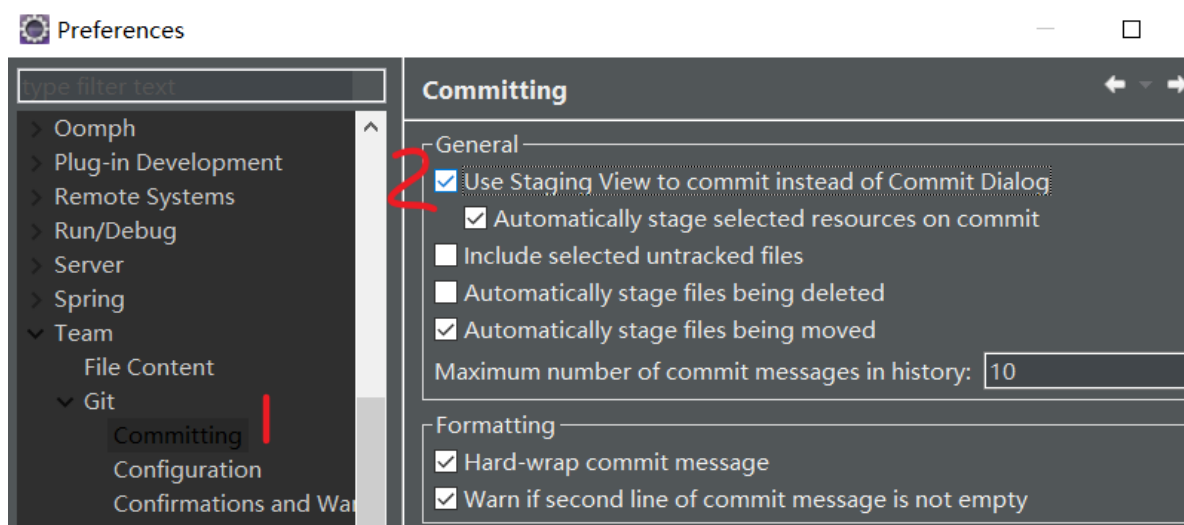
的小丑忍着痛配合

提交报错

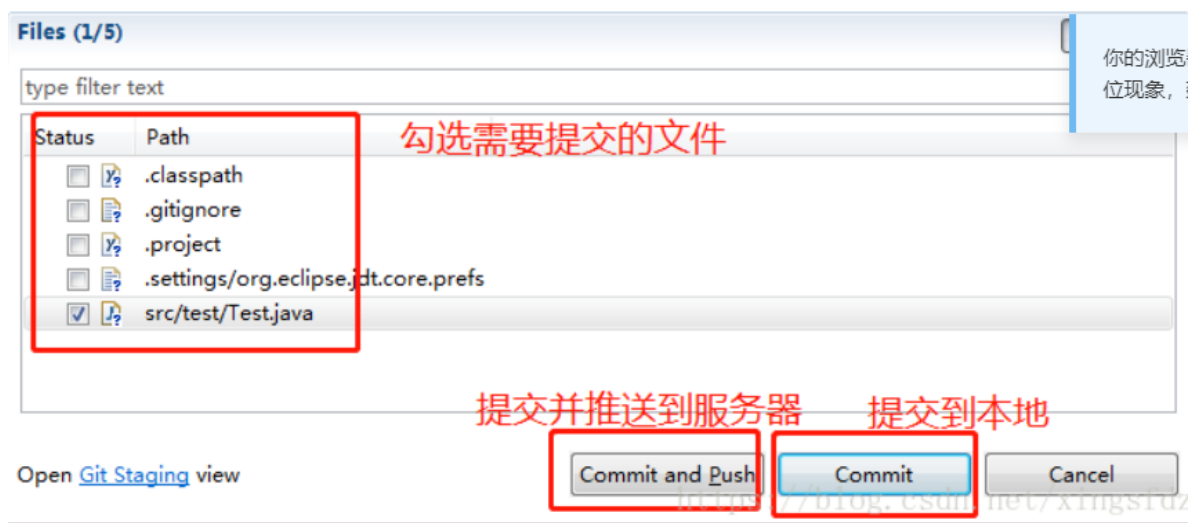
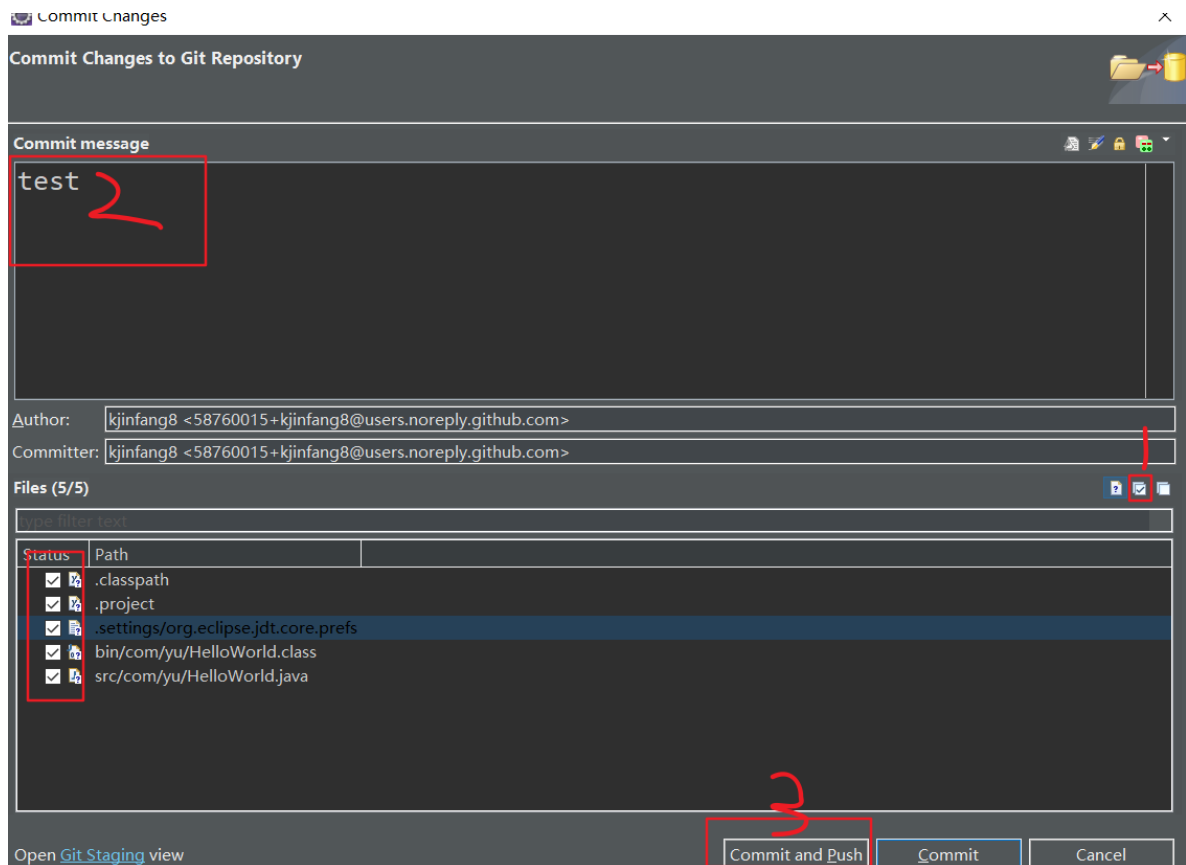


没有这个files文件 <https://jingyan.baidu.com/article/9faa7231fb828f473c28cb83.html>

讲解方案：把第2步的勾去掉



10 : 设置提交信息



11 : 设置git参数

Destination Git Repository

Enter the location of the destination repository.



Remote name:

Location

URI:

Host:

Repository path:

Connection

Protocol:

Port:

Authentication

User:

Password:

☒ Store in Secure Store



< Back

Next >


Finish

Cancel

12 : 指定分支


Push Branch master


Push to branch in remote



Select a remote and the name the branch should have in the remote.

Source:

 master

 59e9b23 test

Destination:

Remote:


Branch:

☒ Configure upstream for push and pull

When pulling:

☐ Force overwrite branch in remote if it exists and has diverged

Show [advanced push](#) dialog



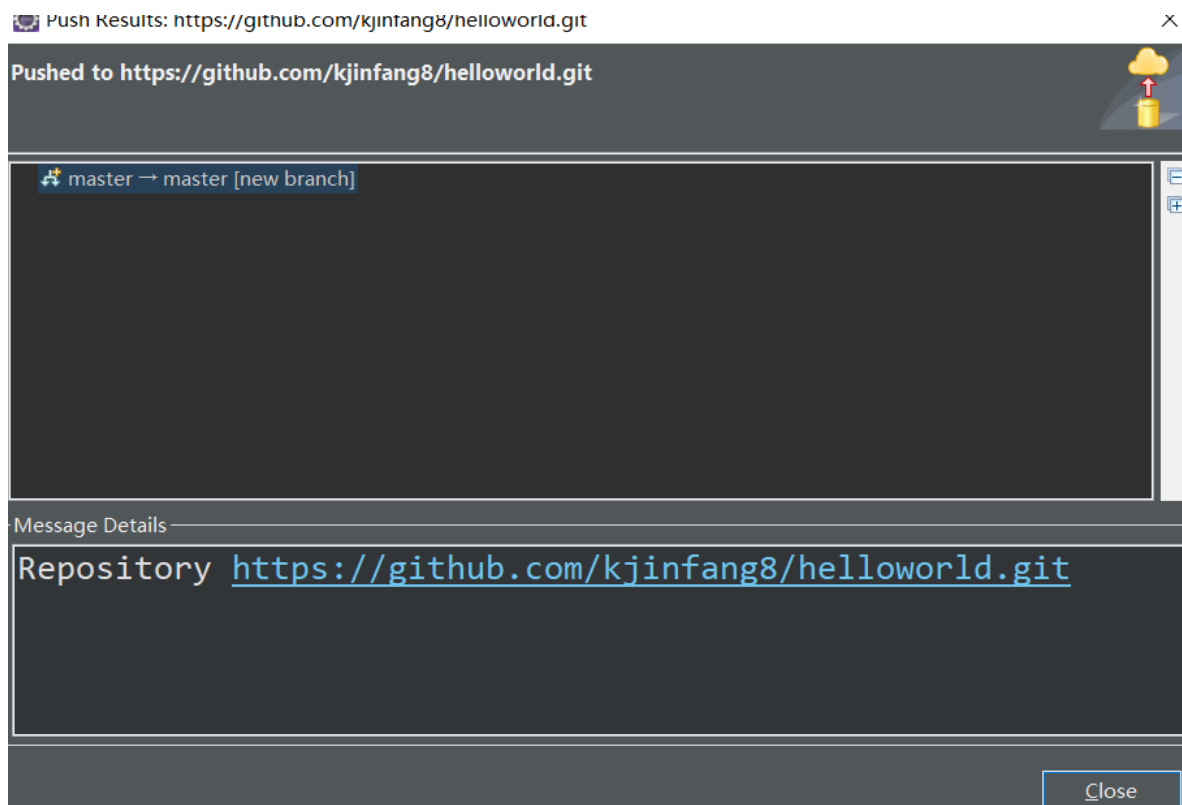
< Back

Next >

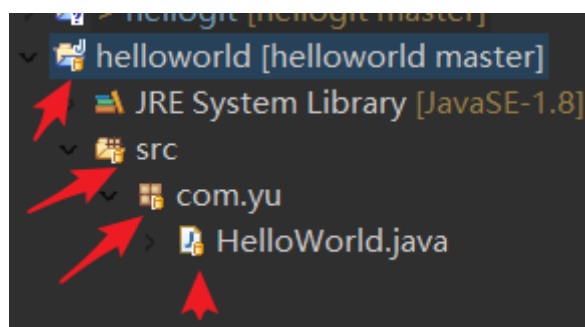
Finish

Cancel

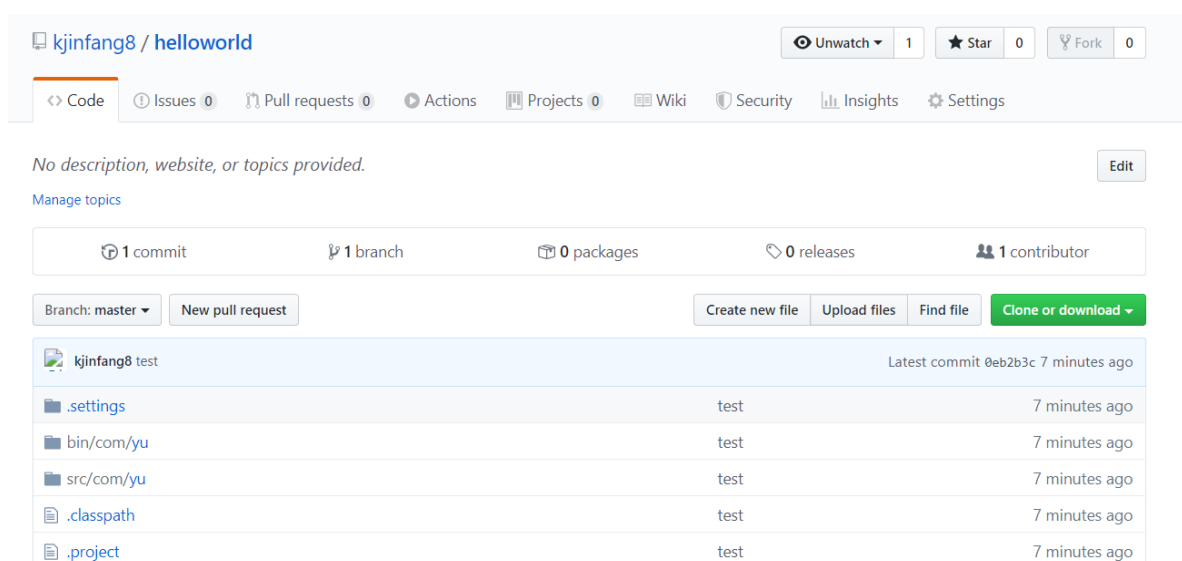
13 : 提交成功



14 : 图标变化



15 : 观察github上的项目



四、Git 修改自己的代码

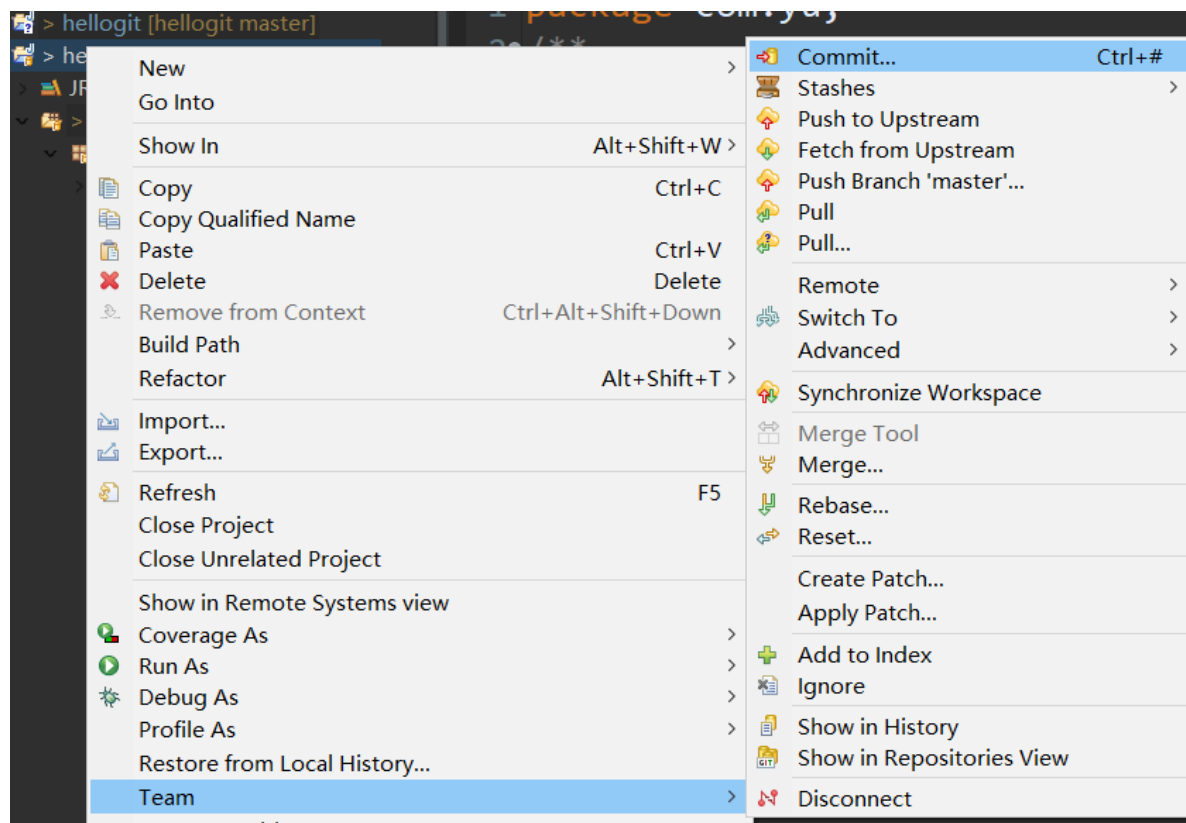
1 : 基于自己的项目进行修改

在自己的eclipse项目中修改

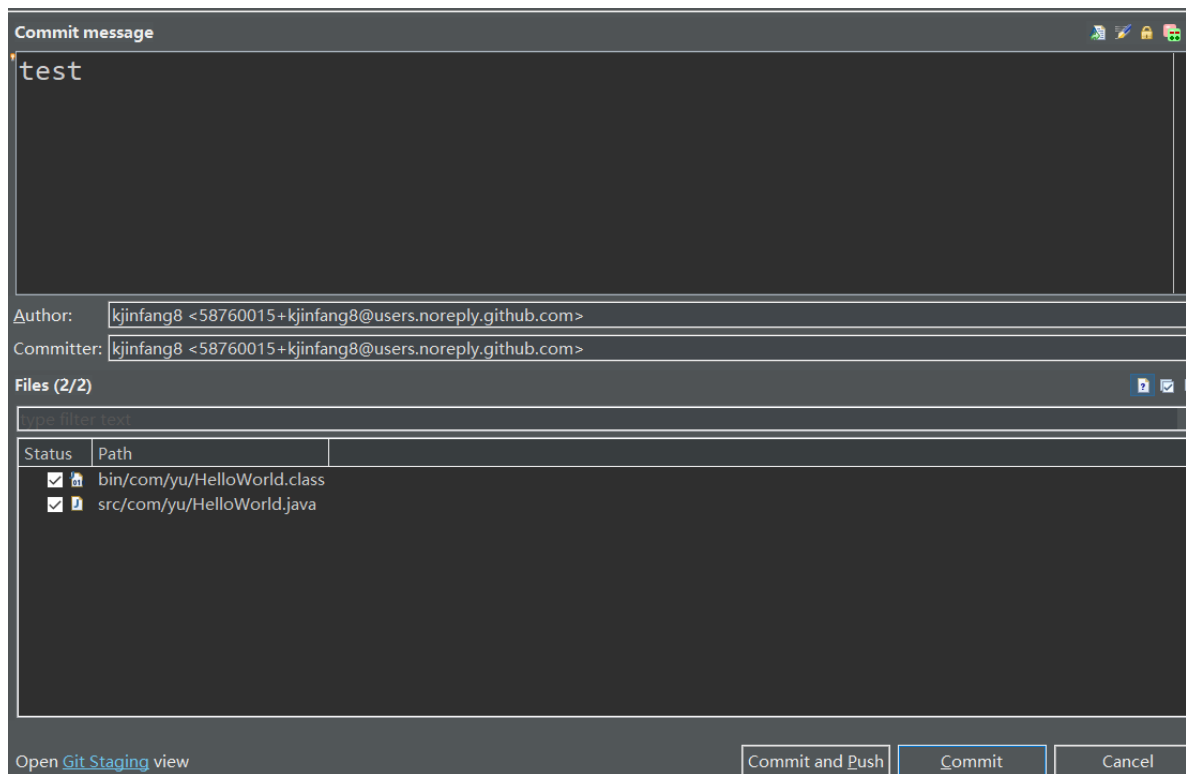
2 : 对HelloWorld随便做点修改

```
public class HelloWorld {  
    public static void main(String[] args) {  
        System.out.println("hello xiaoniuz git!!之第一次修改"  
    }  
}
```

3 : 提交修改



4 : 输入提交信息



5 : 提交成功



让其他人修改你的代码，最后再来看合并后的效果

五、Git 修改别人的代码

1、Fork

基于别人的项目，做一次克隆复制，克隆一个一样的项目到你的账号上

Fork英文是叉子的意思，表示在原项目的基础上，出现了分支。

2、在github上进行Fork操作

1. 首先用自己的账号密码登陆
2. 访问到你要修改的账号的项目连接: <https://github.com/how2j/hellogit>

3. 点击右上角的 Fork 按钮

The screenshot shows the GitHub interface for the repository `how2j/hellogit`. At the top right, the **Fork** button is highlighted with a red box. Below the repository header, the user's forked repository `kjinfang8/hellogit-1` is shown, with the repository name circled in red. The interface includes tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, and Insights. Below the repository header, there is a section for repository statistics (8 commits, 1 branch, 0 packages, 0 releases, 1 contributor) and a table of files in the `master` branch.

| File | Content | Time |
|---------------------------|---------|-------------|
| <code>.settings</code> | test | 2 years ago |
| <code>src/hellogit</code> | test | 2 years ago |
| <code>.classpath</code> | test | 2 years ago |
| <code>.gitignore</code> | test | 2 years ago |
| <code>.project</code> | test | 2 years ago |

3、随便做点修改

点击Fork之后，hellogit就会被克隆一份到你的账号上，接着在你的github上找到你克隆过来的项目

Popular repositories

The screenshot shows the 'Popular repositories' section on GitHub. It displays two repository cards. The first card is for `hellogit` (测试仓库). The second card is for `hellogit-1` (Forked from how2j/hellogit), which is circled in red. The `hellogit-1` card also shows a Java logo.

点击这个项目，进入到下面的页面

kjinfang8 / hellogit-1
forked from how2j/hellogit
Watch 0
Star 0
Fork 551

Code
Pull requests 0
Actions
Projects 0
Wiki
Security
Insights
Settings

No description, website, or topics provided. Edit

[Manage topics](#)

8 commits
1 branch
0 packages
0 releases
1 contributor

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

This branch is even with how2j:master. Pull request Compare

| | |
|--------------|-------------------------------------|
| how2j test | Latest commit 49cc0f2 on 4 Aug 2017 |
| .settings | test 2 years ago |
| src/hellogit | test 2 years ago |
| .classpath | test 2 years ago |
| .gitignore | test 2 years ago |
| .project | test 2 years ago |

找到要修改的 .java 文件

kjinfang8 / hellogit-1
forked from how2j/hellogit

Code
Pull requests 0
Actions
Projects

Branch: master
hellogit-1 / src / hellogit /

This branch is even with how2j:master.

how2j test

..

HelloGit.java

点击文件

9 lines (6 sloc)
141 Bytes
Raw
Blame
History

```

1 package hellogit;
2
3 public class HelloGit {
4     public static void main(String[] args) {
5
6
7         System.out.println("Hello Git abc ");
8     }
9 }

```

点击修改按钮

9 lines (6 sloc) | 141 Bytes

RawBlameHistory

```
1 package hellogit;
2
3 public class HelloGit {
4     public static void main(String[] args) {
5
6
7         System.out.println("Hello Git abc ");
8     }
9 }
```

开始修改

<> Edit filePreview changes

```
1 package hellogit;
2
3 public class HelloGit {
4     public static void main(String[] args) {
5
6
7         System.out.println("Hello Git abc yu update ");
8     }
9 }
10
```

提交修改原因

Commit changes

Update HelloGit.java

修改提交

☒ Commit directly to the master branch.
☐ Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

2Commit changesCancel

查看修改后的数据

Branch: master hellogit-1 / src / hellogit / HelloGit.javaFind fileCopy path

kjinfang8 Update HelloGit.java644c343 now

2 contributors

9 lines (6 sloc) | 151 BytesRawBlameHistory

```
1 package hellogit;
2
3 public class HelloGit {
4     public static void main(String[] args) {
5
6
7         System.out.println("Hello Git abc yu update ");
8     }
9 }
```

4、发起New Pull Request

回到你的github主页

Popular repositories

hellogit

测试仓库

helloworld


Java

hellogit-1

Forked from how2j/hellogit

Java

点击helloworld-1仓库

 **kjinfang8 / hellogit-1**
forked from how2j/hellogit

Watch 0Star 0Fork 551

[Code](#) [Pull requests 0](#) [Actions](#) [Projects 0](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)


No description, website, or topics provided. [Edit](#)

[Manage topics](#)

9 commits1 branch0 packages0 releases1 contributor


Branch: masterNew pull requestCreate new fileUpload filesFind fileClone or download

This branch is 1 commit ahead of how2j:master. [Pull request](#) [Compare](#)

 **kjinfang8** Update HelloGit.java Latest commit 644c343 2 minutes ago

| | | |
|--------------|----------------------|---------------|
| .settings | test | 2 years ago |
| src/hellogit | Update HelloGit.java | 2 minutes ago |
| .classpath | test | 2 years ago |
| .gitignore | test | 2 years ago |
| .project | test | 2 years ago |

点击项目合并请求，这是站在原项目主的角度的一个动词，即发起一次请求，希望原项目主，可以把你的改动，**拉进**到他的项目里去。

 **kjinfang8 / hellogit-1**
forked from how2j/hellogit

Watch 0Star 0Fork 551

[Code](#) [Pull requests 0](#) [Actions](#) [Projects 0](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)


No description, website, or topics provided. [Edit](#)

[Manage topics](#)

10 commits1 branch0 packages0 releases1 contributor

Branch: masterNew pull request **点击**Create new fileUpload filesFind fileClone or download

This branch is 2 commits ahead of how2j:master. [Pull request](#) [Compare](#)

 **kjinfang8** Update HelloGit.java Latest commit 0319591 1 minute ago

| | | |
|--------------|----------------------|--------------|
| .settings | test | 2 years ago |
| src/hellogit | Update HelloGit.java | 1 minute ago |
| .classpath | test | 2 years ago |
| .gitignore | test | 2 years ago |

5、比较改变的地方

这里是在点击上一步之后的显示

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base repository: how2j/hellogit

base: master

head repository: kjinfang8/hellogit-1

compare: master

✓ Able to merge. These branches can be automatically merged.

Create pull request

Discuss and review the changes in this comparison with others.

1 commit

1 file changed

0 commit comments

1 contributor

Commits on Dec 11, 2019

kjinfang8

Update HelloGit.java

Verified

644c343

Showing 1 changed file with 1 addition and 1 deletion.

src/hellogit/HelloGit.java

@@ -4,6 +4,6 @@

4 public static void main(String[] args) {

5

6

7 - System.out.println("Hello Git abc");

8 }

9 }

4 public static void main(String[] args) {

5

6

7 + System.out.println("Hello Git abc yu update");

8 }

9 }

6、填写修改原因

点击create pull request

Create pull request

Discuss and review the changes in this comparison with others.

Update HelloGit.java

Write

Preview

AA B i “ <> 🔗 ☰ ☷ ✓ @ 🚩 ↶

修改提交测试

Attach files by dragging & dropping, selecting or pasting them.

2

☒ Allow edits from maintainers. [Learn more](#)

Create pull request

7、修改提交完成

提交成功后，会跳转到源项目主的仓库中，会显示你填写的提交信息

how2j / hellogit Watch

Code Issues 4 Pull requests 434 Actions Projects 0 Wiki Security Insights

Update HelloGit.java #453

Open kjinfang8 wants to merge 1 commit into how2j:master from kjinfang8:master


Conversation 0 Commits 1 Checks 0 Files changed 1

@kjinfang8 commented now

修改提交测试 2

Update HelloGit.java Verified 644c343

Add more commits by pushing to the master branch on kjinfang8/hellogit-1.

 This branch has no conflicts with the base branch
Only those with write access to this repository can merge pull requests.

六、同意其他人修改

七、删除数据仓库

1、找到你要删除的仓库

Popular repositories

hellogit 进入到你的项目仓库

测试仓库

helloworld

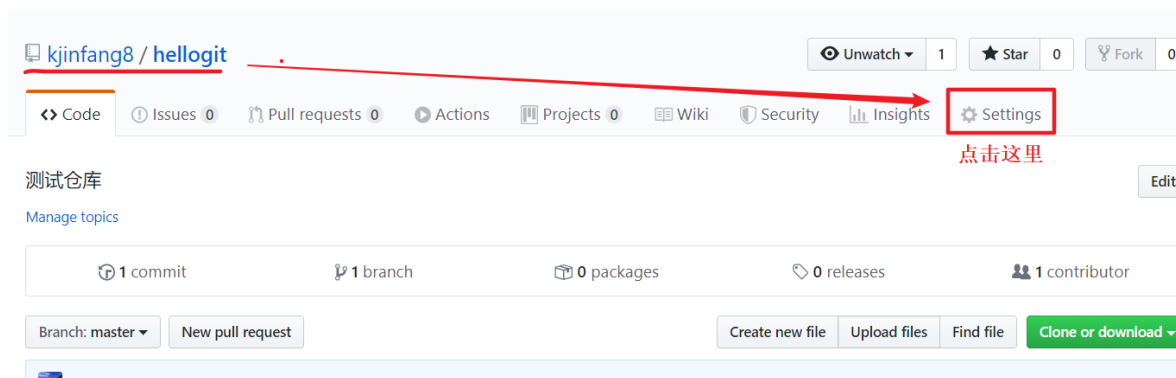
Java

hellogit-1

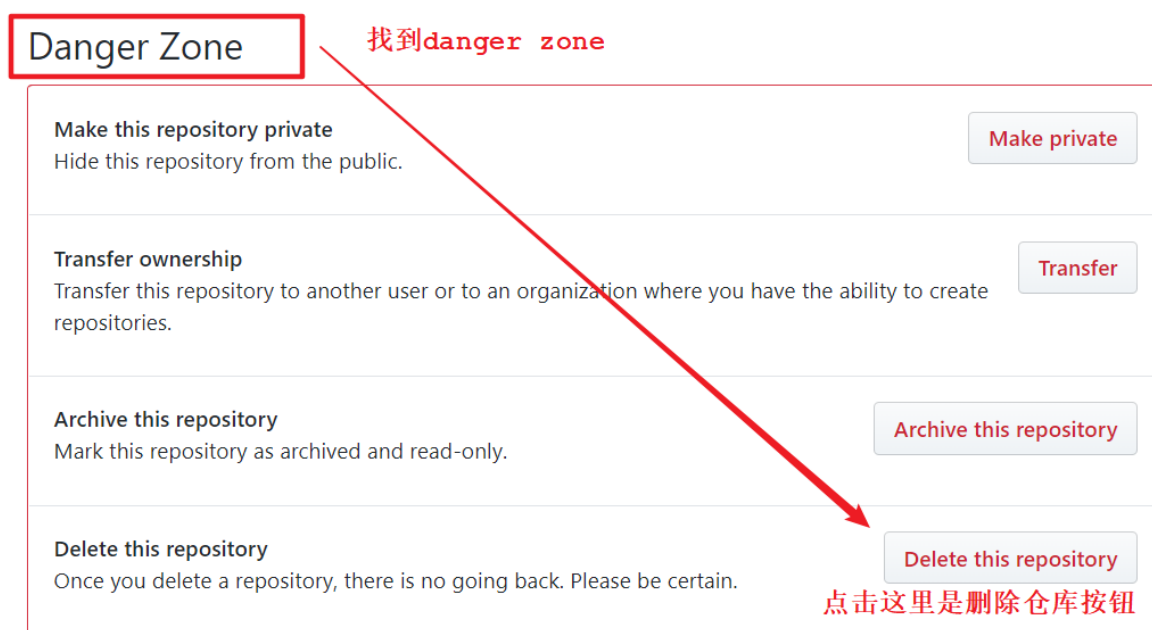
Forked from how2j/hellogit

Java

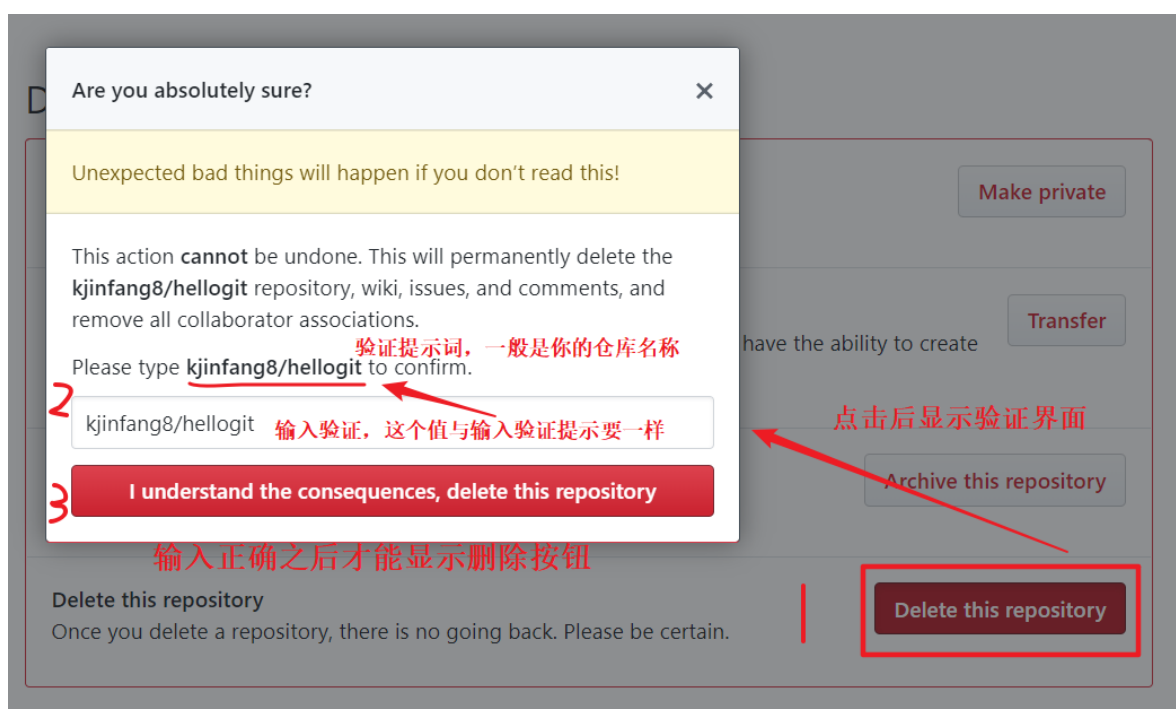
2、点击settings




3、基于上一步，继续往下滑动，找到danger zone，点击 delete this repository



4、输入删除验证提示







5、查看验证，是否删除成功



Search or jump to...


[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)



[Set status](#)


[Edit profile](#)

 Joined 22 hours ago

[Overview](#) [Repositories 2](#) [Projects 0](#) [Packages 0](#) [Stars 0](#) [Followers 0](#) [Following 0](#)


Popular repositories

[helloworld](#)

 Java

[hellogit-1](#)

Forked from how2j/hellogit

 Java

[Customize your pins](#)

这里就已经没有刚才的仓库了，证明已经删除成功。