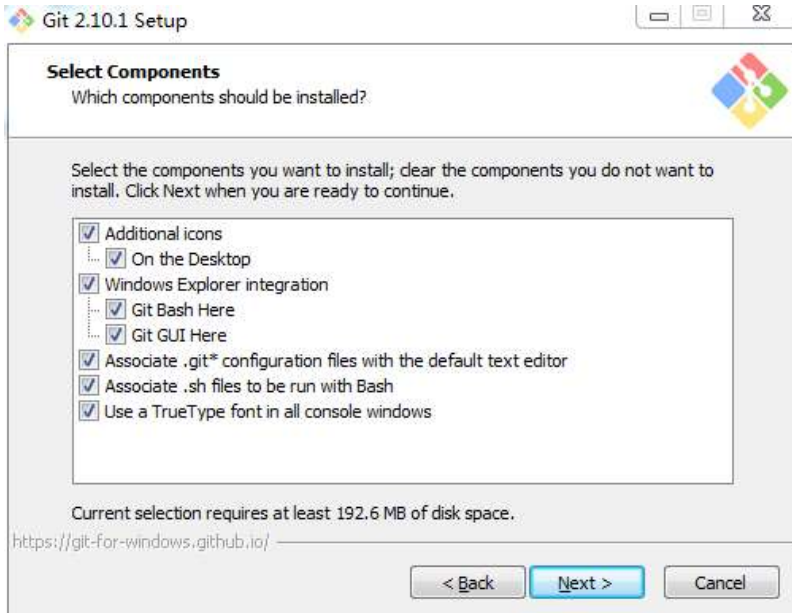


第一部分: 安装

1. 下载地址: <https://git-scm.com/download/win>; 如果速度慢, 使用 迅雷下载;
2. 点击安装, 然后下一步, 直到下面这个页面:



建议: 按照上面所示方式选中复选框;

- 3 点击下一步, 直到出现这个页面:



建议: 这个页面是选择git使用的命令行, 建议使用第一个git自带的;

4. 点击下一步, 直到出现下面这个页面:



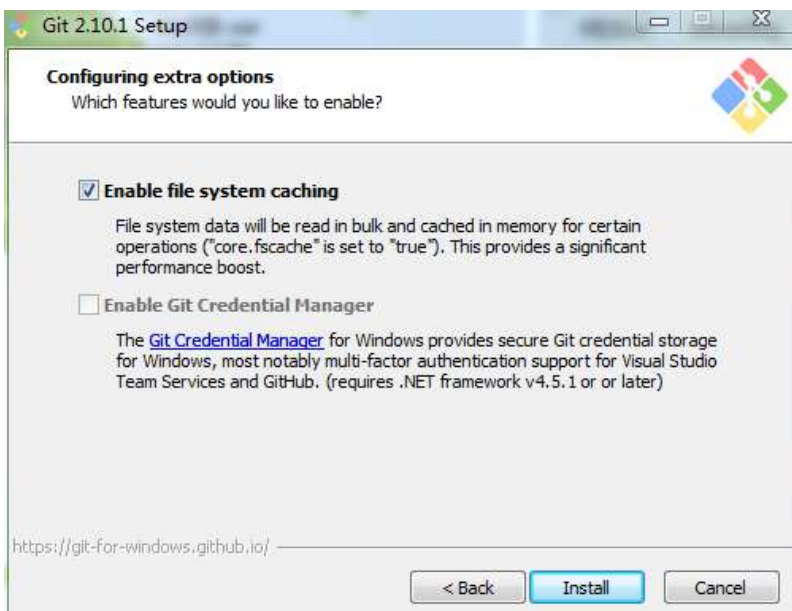
建议：这个是选择行结束符，windows与linux行结束符不一致；建议选择第一个，这样git会自动转换；

5. 点击下一步，直到出现下面这个页面：



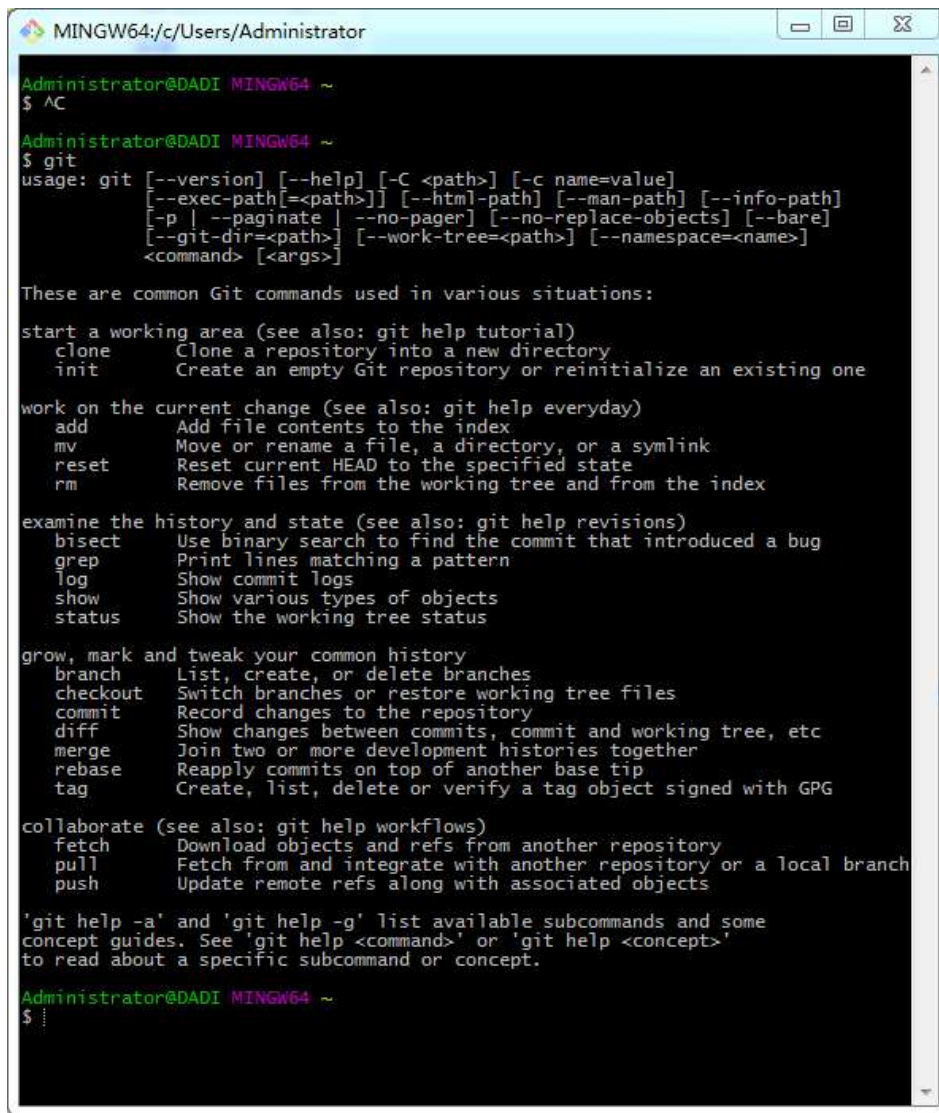
建议：选择命名行窗口，建议第一个；

6. 点击下一步，直到出现下面这个页面：



建议：是否开启文件缓存，选第一个；点击install；

7 安装成功后：击桌面上的git快捷方式打开命名行，运行git命名，出现如下界面则成功：



```
MINGW64:/c/Users/Administrator

Administrator@DADI MINGW64 ~
$ AC

Administrator@DADI MINGW64 ~
$ git
usage: git [--version] [--help] [-C <path>] [-c name=value]
         [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
         [-p | --paginate | --no-pager] [--no-replace-objects] [--bare]
         [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
         <command> [<args>]

These are common Git commands used in various situations:


start a working area (see also: git help tutorial)
  clone      Clone a repository into a new directory
  init       Create an empty Git repository or reinitialize an existing one

work on the current change (see also: git help everyday)
  add        Add file contents to the index
  mv         Move or rename a file, a directory, or a symlink
  reset      Reset current HEAD to the specified state
  rm         Remove files from the working tree and from the index

examine the history and state (see also: git help revisions)
  bisect     Use binary search to find the commit that introduced a bug
  grep       Print lines matching a pattern
  log        Show commit logs
  show       Show various types of objects
  status     Show the working tree status

grow, mark and tweak your common history
  branch     List, create, or delete branches
  checkout   Switch branches or restore working tree files
  commit     Record changes to the repository
  diff       Show changes between commits, commit and working tree, etc
  merge      Join two or more development histories together
  rebase     Reapply commits on top of another base tip
  tag        Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)
  fetch      Download objects and refs from another repository
  pull       Fetch from and integrate with another repository or a local branch
  push       Update remote refs along with associated objects

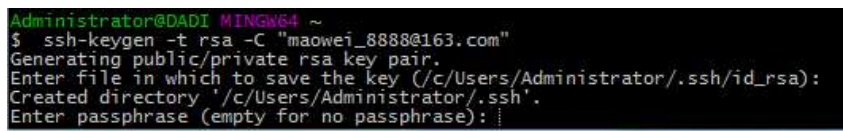
'git help -a' and 'git help -g' list available subcommands and some
concept guides. See 'git help <command>' or 'git help <concept>'
to read about a specific subcommand or concept.

Administrator@DADI MINGW64 ~
$
```

第二部分: windows配置git SSH服务:

1. 生成SSH密钥对:

命名行运行：ssh-keygen -t rsa -C "你的邮箱地址";



```
MINGW64:/c/Users/Administrator

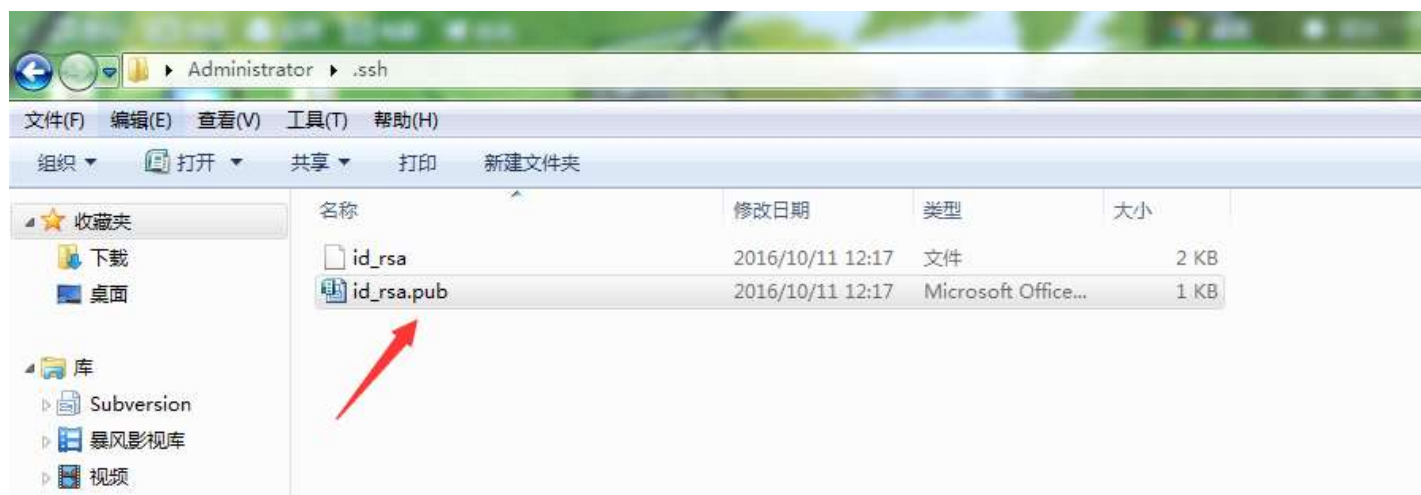
Administrator@DADI MINGW64 ~
$ ssh-keygen -t rsa -C "maowei_8888@163.com"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/Administrator/.ssh/id_rsa):
Created directory '/c/Users/Administrator/.ssh'.
Enter passphrase (empty for no passphrase):
```

2输入你的秘钥密码:

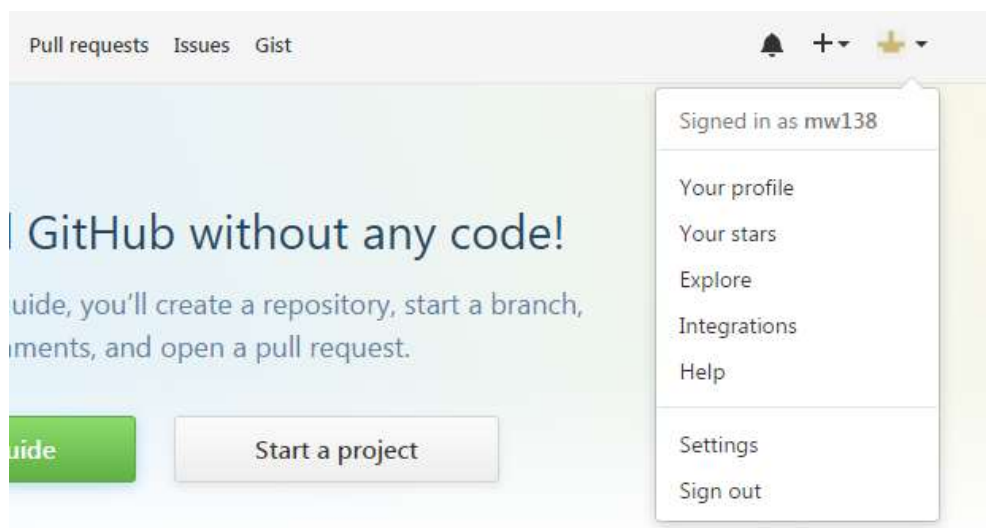
```
Administrator@DADI MINGW64 ~
$ ssh-keygen -t rsa -C "maowei_8888@163.com"
Generating public/private rsa key pair.
Enter file in which to save the key (C:/Users/Administrator/.ssh/id_rsa):
Created directory '/c/Users/Administrator/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/Administrator/.ssh/id_rsa.
Your public key has been saved in /c/Users/Administrator/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:0ej7NKPLvGFBumz0pSFn0eOKFnSZZnhwozs2H2ns0dw maowei_8888@163.com
The key's randomart image is:
+---[RSA 2048]-----+
|
| o.o
| ..B*o
| B+o .
| + * = .
| + S B + E
| o O & +
| + * B
| . + = o
| *o.
+---[SHA256]-----+

Administrator@DADI MINGW64 ~
$
```

3 找到这个文件:用记事本打开, 然后复制内容



4 进入git, 从这里打开信息设置页面: 在这里添加生成的秘钥;



Personal settings

Profile

Account

Emails

Notifications

Billing

SSH and GPG keys


Security

Blocked users

Repositories

Public profile

Profile picture



Upload new picture

You can also drag and drop a picture

Name

Public email

Don't show my email address

You can add or remove verified email addresses in your profile

Bio

SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.



the computer for desktop of 27

SSH

Added on 10 Oct 2016 — Last used within the last 2 days

Delete


?

Check out our guide to [generating SSH keys](#) or [troubleshoot common SSH Problems](#).

SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.



the computer for desktop of 27

Fingerprint: 36:3c:62:4e:53:b5:53:f9:4a:c5:eb:07:1a:85:9e:1a

SSH

Added on 10 Oct 2016 — Last used within the last 2 days

Delete

Title

the computer for desktop of fsd

Key

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

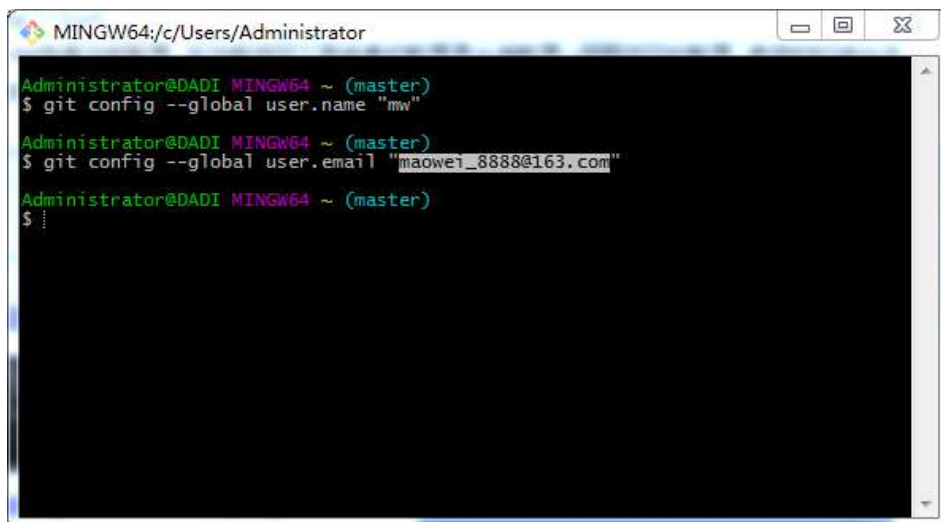
Add SSH key

第三部分：配置全局用户名和邮箱

1. 命令行运行以下指令：

```
git config --global user.name "你的用户名"
```

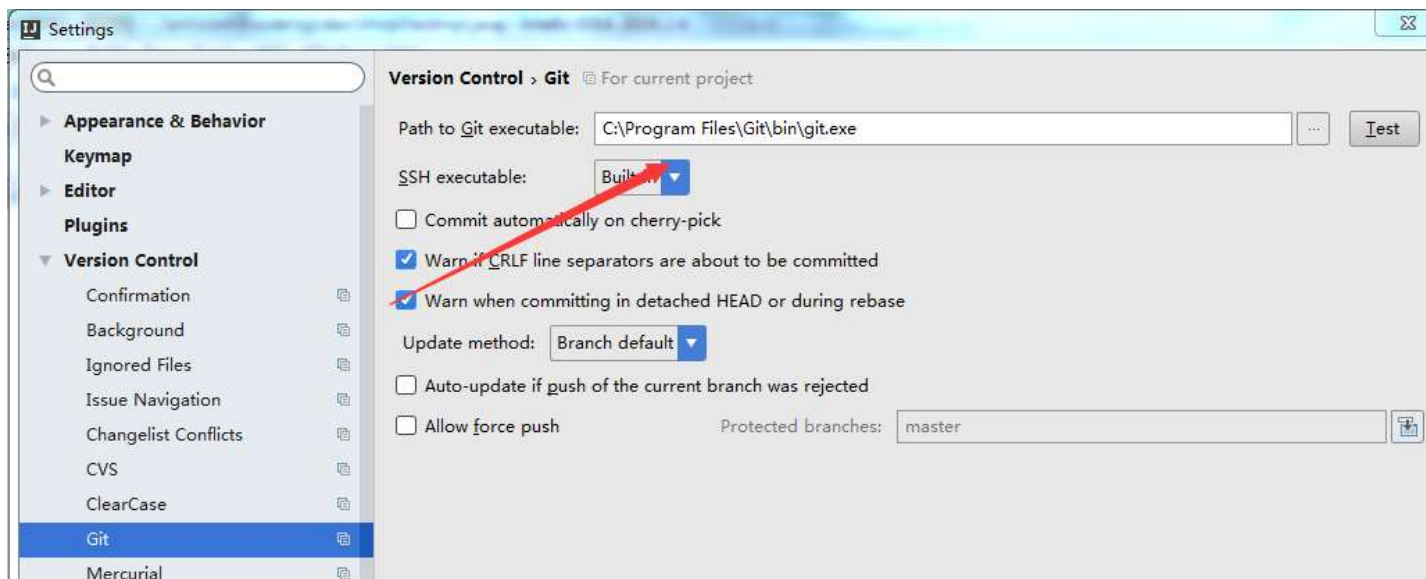
```
git config --global user.email "你的邮箱"
```



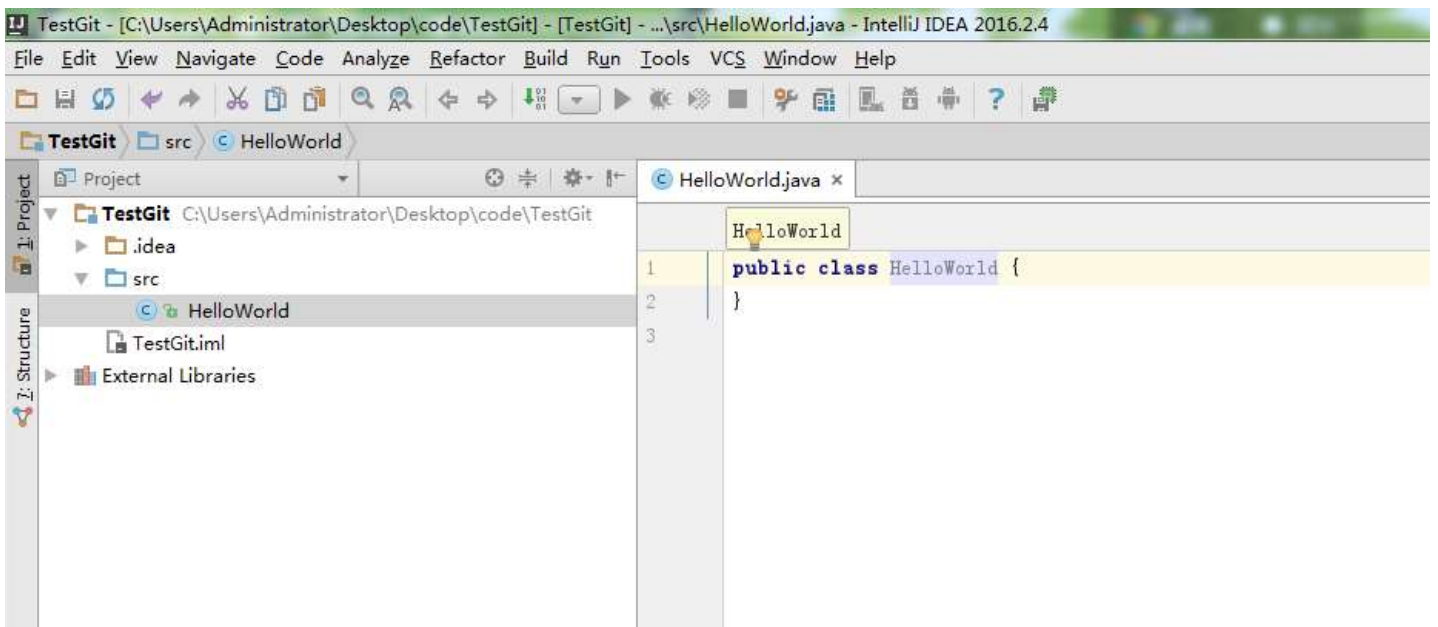
```
Administrator@DADI MINGW64 ~ (master)
$ git config --global user.name "mw"
Administrator@DADI MINGW64 ~ (master)
$ git config --global user.email "maowei_8888@163.com"
Administrator@DADI MINGW64 ~ (master)
$
```

第四部分：IDEA 配置

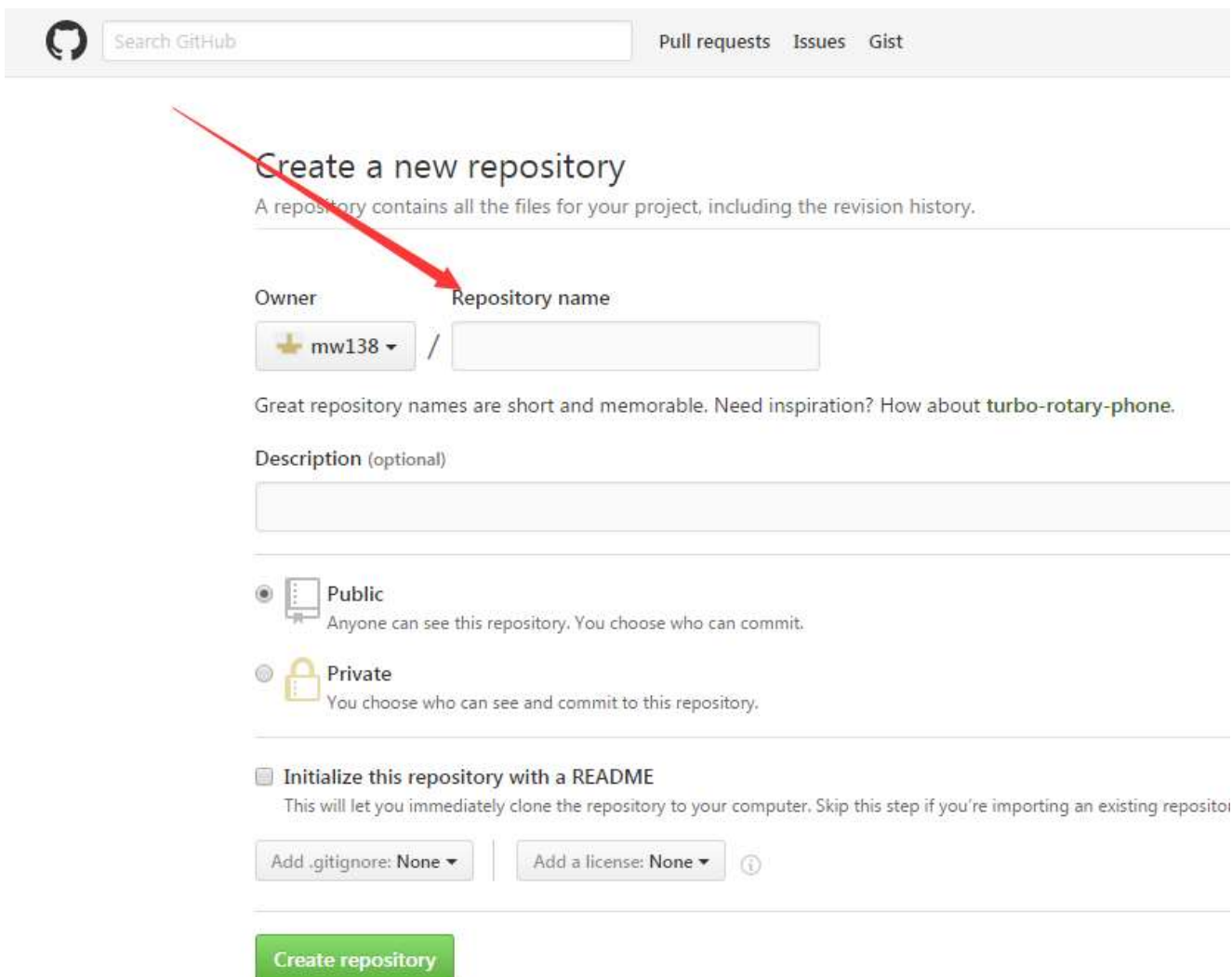
1 配置git路径



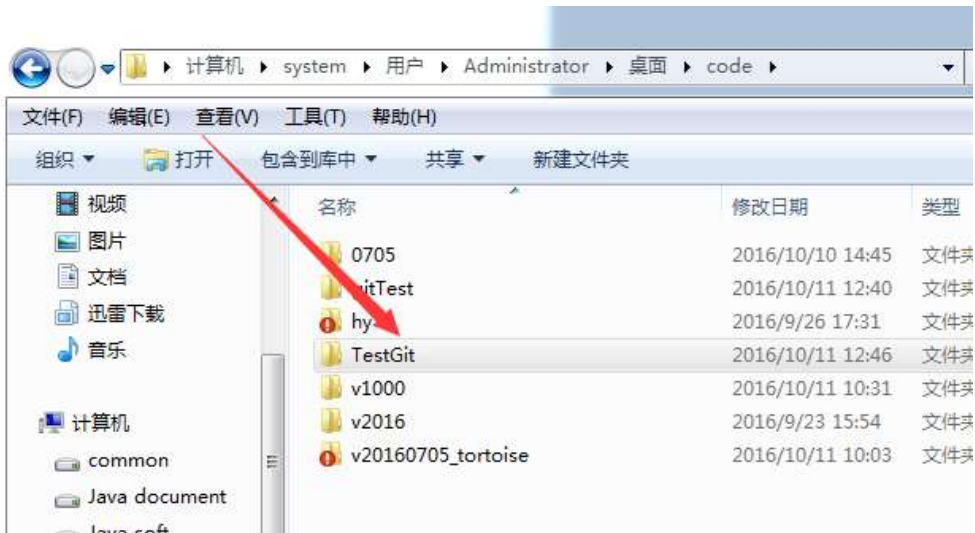
2. 新建一个项目：TestGit，src下创建一个HelloWorld.java文件，项目路径：C:\Users\Administrator\Desktop\code\TestGit



3 打开github, 新建仓库TestGit;



2 打开项目所在文件夹, 在文件夹上右键运行: git bash here



3 命名行依次运行以下命名:

git init

git add src

git commit -m "first commit"

git remote add origin https://github.com/mw138/TestGit.git

git push -u origin master

4 如果不出错误提示输入用户名, 密码:

```

MINGW64:/c/Users/Administrator/Desktop/code/TestGit
Administrator@DADI MINGW64 ~/Desktop/code/TestGit (master)
$ git add src
bash: $: command not found

Administrator@DADI MINGW64 ~/Desktop/code/TestGit (master)
$
Administrator@DADI MINGW64 ~/Desktop/code/TestGit (master)
$ git add src
git commit -m "first commit"
git remote add origin https://github.com/mw138/TestGit.git
git push -u origin master
git init
Initialized empty Git repository in C:/Users/Administrator/Desktop/code/TestGit/.git/

Administrator@DADI MINGW64 ~/Desktop/code/TestGit (master)
$ git add src

Administrator@DADI MINGW64 ~/Desktop/code/TestGit (master)
$ git commit -m "first commit"
[master (root-commit) 86987d5] first commit
1 file changed, 2 insertions(+)
create mode 100644 src/HelloWorld.java

Administrator@DADI MINGW64 ~/Desktop/code/TestGit (master)
$ git remote add origin https://github.com/mw138/TestGit.git

Administrator@DADI MINGW64 ~/Desktop/code/TestGit (master)
$ git push -u origin master
Username for 'https://github.com':

```

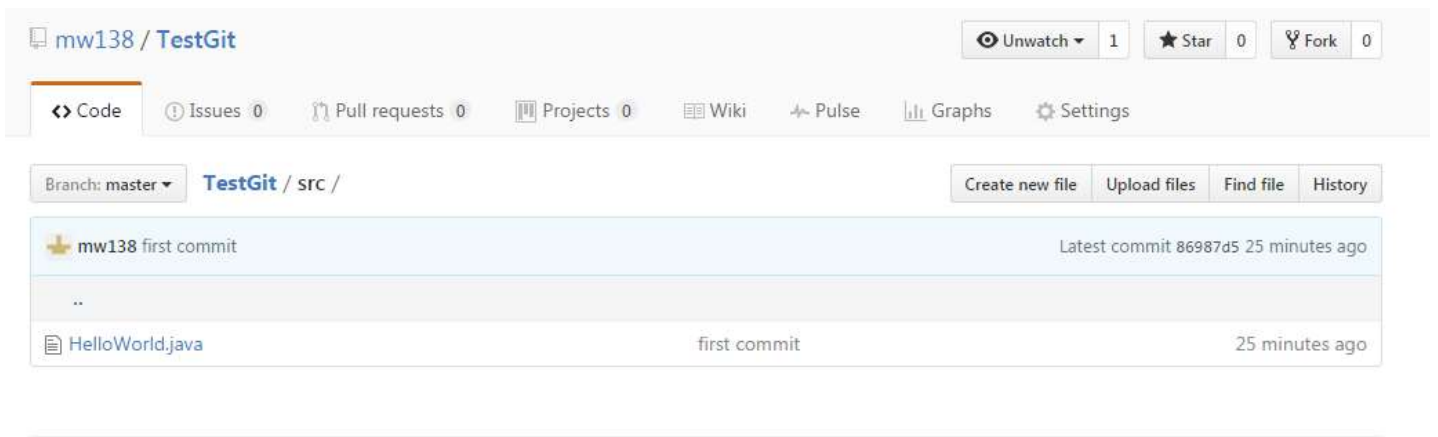
5 输入用户名密码后,开始提交,出现下面提示则成功

```

Username for 'https://github.com': mawei_8888@163.com
Counting objects: 4, done.
Writing objects: 100% (4/4), 276 bytes | 0 bytes/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To https://github.com/mw138/TestGit.git
    86987d5..86987d5  master -> master (forced update)

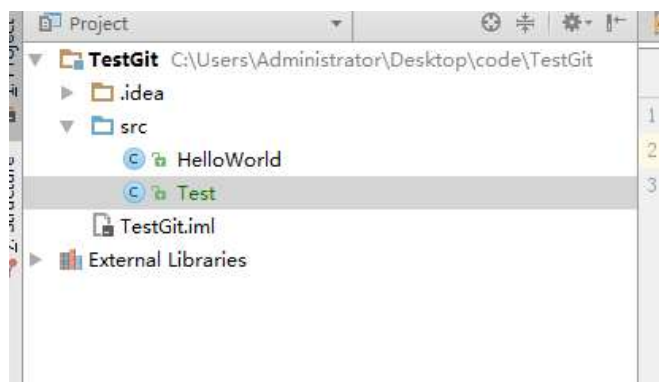
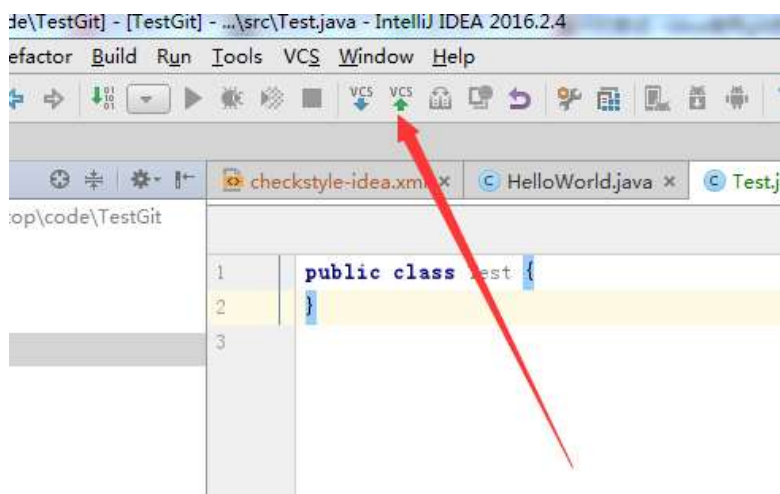
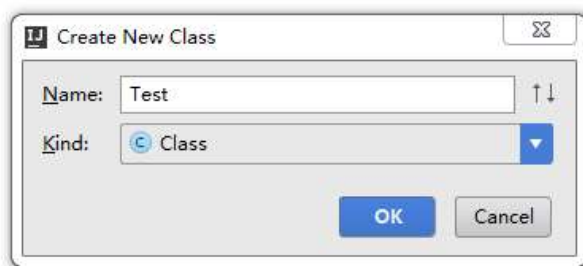
```

6 打开github验证: 可以看出确实提交上去了

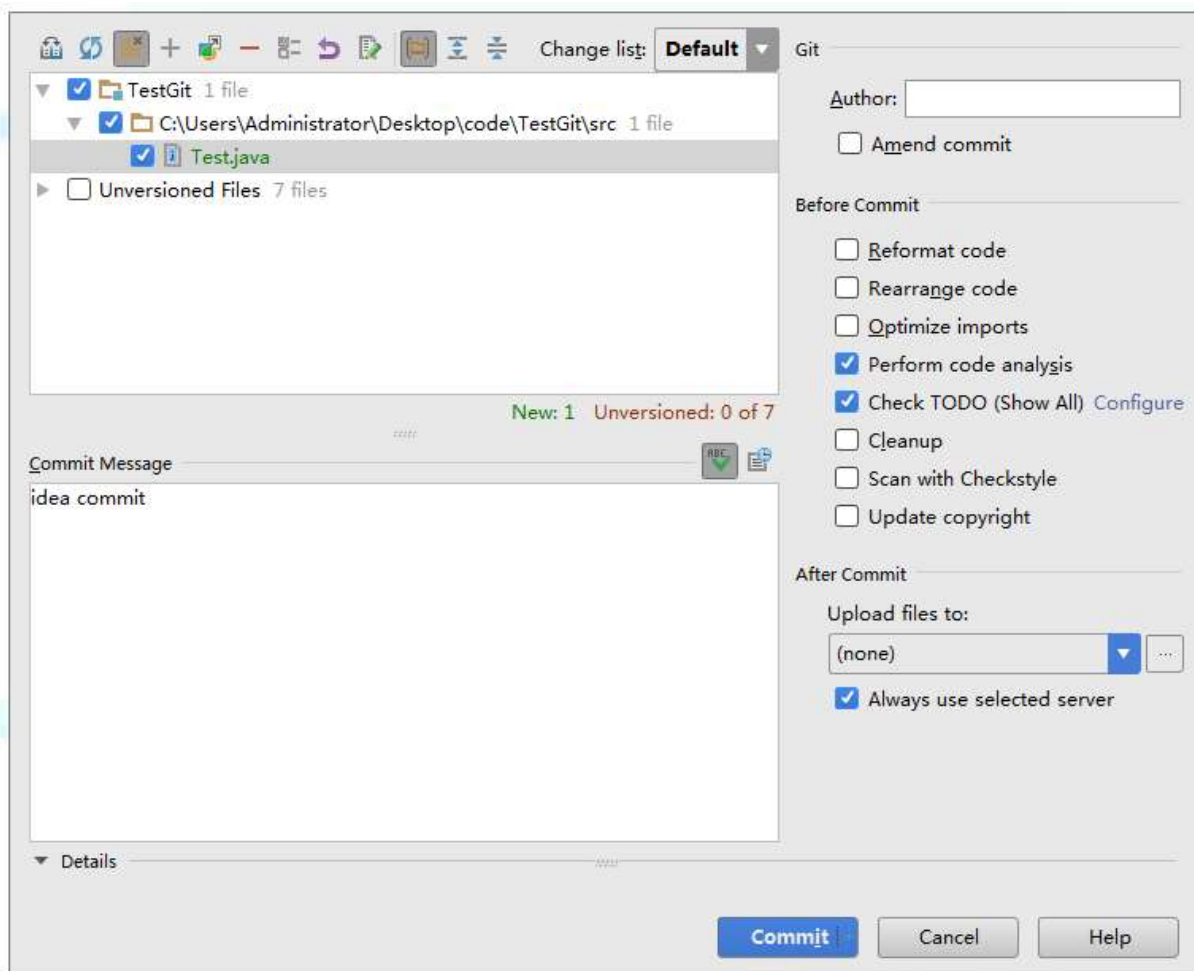
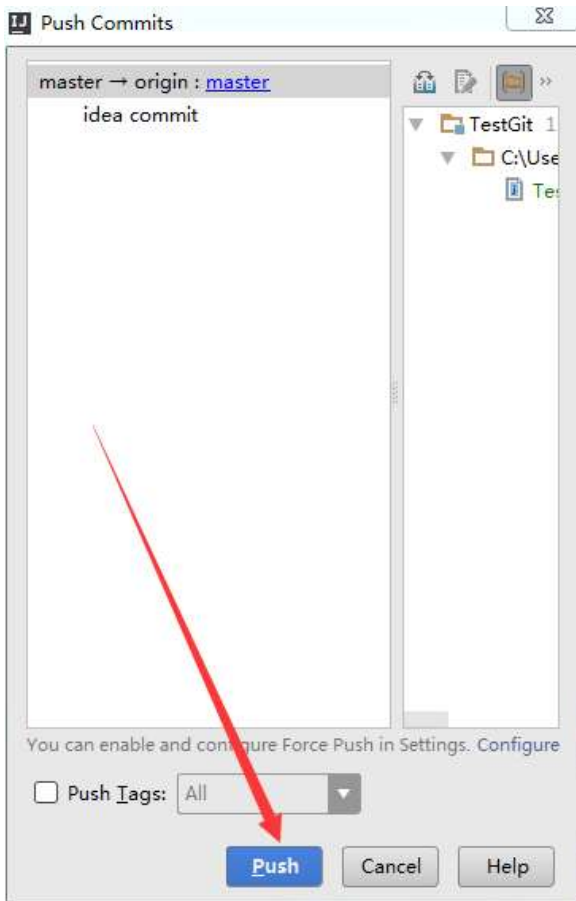


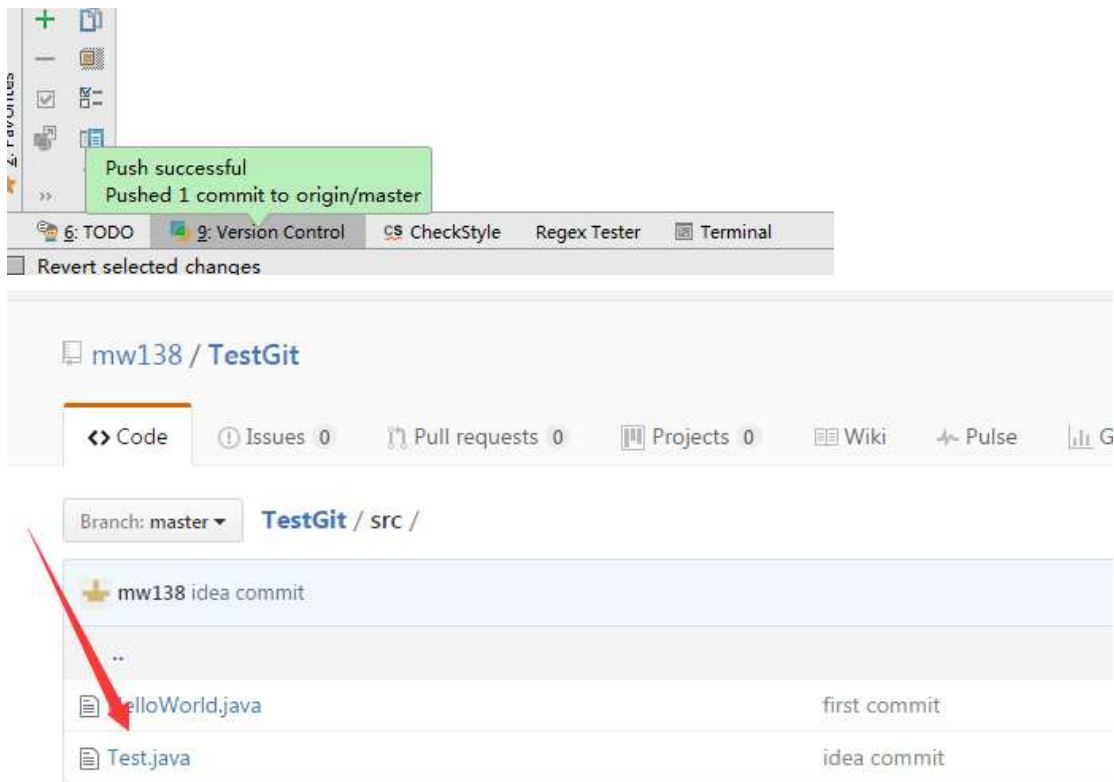
7 至此, 该项目已经加入到了github的版本控制, 在idea上可以进行提交和更新了;

新建一个Test文件, 然后提交到版本库, 步骤如下:



idea上: vcs --> git --> push





注意事项:

1如果第一次使用git, idea会提示输入github用户名, 密码;

2如果出现提示 提示没有本地分支, 运行以下命名:

git branch --set-upstream master origin/master

至此: 大功告成!!!