

## 1 安装客户端

官网下载: <https://git-scm.com/downloads>

一直点击下一步安装即可

在桌面空白处右键出现红框中的内容即安装成功。



## 2 配置git的用户名和邮箱

点击“Git Bash Here”,打开命令窗口

### 1. 设置用户名

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/gittest  
$ git config --global user.name "redacted"
```

### 2. 设置邮箱

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/gittest  
$ git config --global user.email "redacted"
```

### 3. 查看配置的用户名和邮箱

```
git config --global --list
```

### 3 创建项目

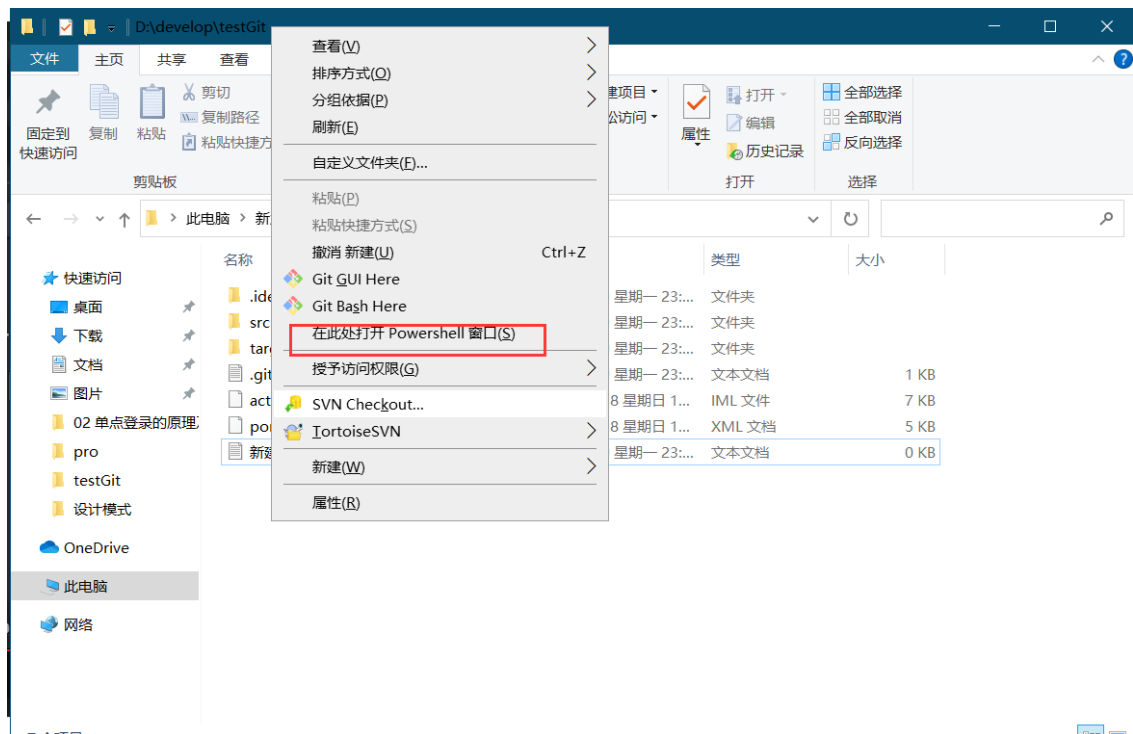
## 4 上传文件

### 1 配置忽略文件、文件夹上传

1. 创建.gitignore文件

2. 初始化项目

在当前项目目录下，打开命令终端,Shift+右键



执行命令：

```
git init
```

如图：



3. 将文件放到暂存区

执行命令

```
git add .
```

```
nothing added to commit but untracked files present (use "git add" to track)
PS D:\develop\testGit> git add .
warning: LF will be replaced by CRLF in activemq.iml.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in pom.xml.
The file will have its original line endings in your working directory
PS D:\develop\testGit> █
```

#### 4. 将暂存区的代码提交到远程仓库

执行命令

```
git commit -m 第一次上传文件
```

```
The file will have its original line endings in your working directory
PS D:\develop\testGit> git commit -m 第一次上传文件
[master (root-commit) db12736] 第一次上传文件
33 files changed, 718 insertions(+)
create mode 100644 .gitignore
create mode 100644 activemq.iml
create mode 100644 pom.xml
create mode 100644 src/main/java/colony/MessageConsumer.java
create mode 100644 src/main/java/colony/MessageProducer.java
create mode 100644 src/main/java/queue/MessageConsumer.java
create mode 100644 src/main/java/queue/MessageProducer.java
create mode 100644 src/main/java/spring/ConsumerMessageListener.java
create mode 100644 src/main/java/spring/ConsumerTest.java
create mode 100644 src/main/java/spring/ProduceService.java
create mode 100644 src/main/java/spring/ProduceServiceImpl.java
create mode 100644 src/main/java/spring/ProducerTest.java
create mode 100644 src/main/java/topic/MessageTopicConsumer.java
create mode 100644 src/main/java/topic/MessageTopicProducer.java
create mode 100644 src/main/resources/consumer.xml
create mode 100644 src/main/resources/producer.xml
create mode 100644 target/classes/colony/MessageConsumer$1.class
create mode 100644 target/classes/colony/MessageConsumer.class
create mode 100644 target/classes/colony/MessageProducer.class
create mode 100644 target/classes/consumer.xml
create mode 100644 target/classes/producer.xml
create mode 100644 target/classes/queue/MessageConsumer$1.class
create mode 100644 target/classes/queue/MessageConsumer.class
create mode 100644 target/classes/queue/MessageProducer.class
create mode 100644 target/classes/spring/ConsumerMessageListener.class
create mode 100644 target/classes/spring/ConsumerTest.class
create mode 100644 target/classes/spring/ProduceService.class
create mode 100644 target/classes/spring/ProduceServiceImpl$1.class
create mode 100644 target/classes/spring/ProduceServiceImpl.class
create mode 100644 target/classes/spring/ProducerTest.class
create mode 100644 target/classes/topic/MessageTopicConsumer$1.class
create mode 100644 target/classes/topic/MessageTopicConsumer.class
create mode 100644 target/classes/topic/MessageTopicProducer.class
PS D:\develop\testGit> █
```

#### 5. 远程服务

```
git remote add origin git@gitee.com:dml111727/testGit.git
```

推送到GitHub

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

如果出现以下错误:

```
PS D:\develop\testGit> git push -u origin master
git@gitee.com: Permission denied (publickey).
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.
```

<https://www.cnblogs.com/janve/p/10946630.html>解决上述问题

#### 5. 验证上传是否成功

刷新gitee的页面，我们的项目代码在上面即可

## 5 删除文件

#### 1. 手动删除

1. 手动删除文件
2. 查看文件状态

```
git status
```

```
nothing to commit, working tree clean
PS D:\develop\testGit> git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    dddd.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS D:\develop\testGit> _
```

#### 3. 把所有剩余的文件加到暂存区

```
git add .
```

#### 4. 再次查看项目状态

```
git status
```

```
nothing to commit, working tree clean
PS D:\develop\testGit> git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
    deleted:    dddd.txt

no changes added to commit (use "git add" and/or "git commit -a")
PS D:\develop\testGit> git add .
PS D:\develop\testGit> git status
On branch master
Your branch is ahead of 'origin/master' by 1 commit.
  (use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    deleted:    dddd.txt

PS D:\develop\testGit> _
```

## 5. 提交到远程仓库

```
git commit -m 第一次上传文件
```

## 2. 命令删除

### 1. 删除

```
git rm .\aaa.txt
```

### 2. 把所有剩余的文件加到暂存区

```
git add .
```

### 3. 提交到远程仓库

```
git commit -m 第一次上传文件
```

# 6 文件重命名

## 1. 手动重命名

1. 本地手动重命名文件
2. 将文件提交到远程仓库

```
git add 文件名  
git commit -m 备注
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git add .

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git commit -m 修改文件名
[master a37eee5] 修改文件名
1 file changed, 0 insertions(+), 0 deletions(-)
rename aaa.txt => bbb.txt (100%)

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ ll
total 16
-rw-r--r-- 1 Administrator 197121 6571 Oct 18 2020 activemq.xml
-rw-r--r-- 1 Administrator 197121 0 Jul 19 23:16 bbb.txt
-rw-r--r-- 1 Administrator 197121 4293 Oct 18 2020 pom.xml
drwxr-xr-x 1 Administrator 197121 0 Jul 19 23:15 src/
drwxr-xr-x 1 Administrator 197121 0 Jul 19 23:15 target/

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$
```

## 2. 命令

### 1. 重命名

```
mv 原来的文件名 新的文件名
```

### 2. 提交

```
git add 文件名
git commit -m 备注
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ mv bbb.txt aaa.txt

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 4 commits.
(use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    bbb.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        aaa.txt

no changes added to commit (use "git add" and/or "git commit -a")

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git add aaa.txt

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git commit -m 命令行重命名
[master 95ef8bd] 命令行重命名
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 aaa.txt

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ |
```

## 7 查看文件前后变化

### 1. 查看文件修改记录

```
git log --pretty=oneline 文件名
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git log --pretty=oneline aaa.txt
95ef8bd113e74c4ecef4e189453c417fefdb5a4e (HEAD -> master) 命令行重命名
a37eee5911a0320c9c79a0360d1821423d1e3ec0 修改文件名
9355d30cc653485e72c740be6251d09ad803117d add file aaa.txt

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
```

### 2. 查看文件具体的一次提交的修改记录

```
git show 提交的编码
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git show 95ef8bd113e74c4ecef4e189453c417fefdb5a4e
commit 95ef8bd113e74c4ecef4e189453c417fefdb5a4e (HEAD -> master)
Author: dml111727 <904870008@qq.com>
Date:   Thu Jul 22 23:56:10 2021 +0800

    命令行重命名

diff --git a/aaa.txt b/aaa.txt
new file mode 100644
index 0000000..e69de29
```

### 3. 查看文件具体的变化

```
git log -p 文件名
```

```
commit b98ca07a2f62823cd51defa615c35f4580684677 (HEAD -> master)
Author: dml111727 <904870008@qq.com>
Date: Fri Jul 23 00:04:55 2021 +0800
```

编辑内容

```
diff --git a/aaa.txt b/aaa.txt
index e69de29..a33303b 100644
--- a/aaa.txt
+++ b/aaa.txt
@@ -0,0 +1 @@
+dm111727
\ No newline at end of file
```

```
commit 95ef8bd113e74c4ecef4e189453c417fefdb5a4e
Author: dml111727 <904870008@qq.com>
Date: Thu Jul 22 23:56:10 2021 +0800
```

命令行重命名

```
diff --git a/aaa.txt b/aaa.txt
new file mode 100644
index 0000000..e69de29
```

```
commit a37eee5911a0320c9c79a0360d1821423d1e3ec0
Author: dml111727 <904870008@qq.com>
Date: Thu Jul 22 23:54:21 2021 +0800
```

修改文件名

```
diff --git a/aaa.txt b/aaa.txt
deleted file mode 100644
index e69de29..0000000
```

```
commit 9355d30cc653485e72c740be6251d09ad803117d
Author: dml111727 <904870008@qq.com>
```

## 8 在未提交前还原到上一次提交状态(即清除当前修改未提交的内容)

### 1. 对比修改

#### 1. 查看文件修改前后内容

```
git diff
```

```
ADMINISTRATOR@WIN-QMLV06DVCDL MINGW64 /d/develop/testGit (mas
$ git diff
diff --git a/aaa.txt b/aaa.txt
index a33303b..7f5d5cb 100644
--- a/aaa.txt
+++ b/aaa.txt
@@ -1 +1,2 @@
-dm111727
\ No newline at end of file
+dm111727
+dm1
\ No newline at end of file
diff --git a/bbb.txt b/bbb.txt
deleted file mode 100644
index e69de29..0000000
```

红色内容为之前提交的内容，绿色内容为当前修改未提交的内容

### 2. 回退到未提交的状态

```
git checkout -- 要回退的文件名
```

## 9 追踪文件回退到最后一次提交

### 1. 追踪

```
git add 文件名
```

### 2. 撤销追踪

当文件执行1的命令之后，我们如果想回退到未提交的版的内容时，是没有效果的，即执行

```
git checkout -- 文件名
```

需要执行下面的命令撤销追踪

```
git restore HEAD 文件名
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git reset HEAD aaa.txt
Unstaged changes after reset:
M    aaa.txt

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 7 commits.
(use "git push" to publish your local commits)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   aaa.txt

no changes added to commit (use "git add" and/or "git commit -a")
```

### 3. 回退到最后一次提交的状态

```
git checkout -- 文件名
```

## 10 回退到指定版本



```

$ git log
commit 7b308cdc5316f111fb9a6be636949f6b4989d030 (HEAD -> master)
Author: dm1111727 <904870008@qq.com>
Date:   Mon Jul 26 22:01:34 2021 +0800

    版本5

commit b0428c5125043c3441f910eaca4b9c815dbb6aa7
Author: dm1111727 <904870008@qq.com>
Date:   Mon Jul 26 22:01:24 2021 +0800

    版本4

commit e05cc5674d11430238330b8cd6a7bb00f511afc9
Author: dm1111727 <904870008@qq.com>
Date:   Mon Jul 26 22:01:10 2021 +0800

    版本3

commit c6c86a5d6a20ed50a2499f5b31652218059ddc74
Author: dm1111727 <904870008@qq.com>
Date:   Mon Jul 26 22:01:01 2021 +0800

    版本2

commit 3707f64a2ace01956425213226f2241b073e09c7
Author: dm1111727 <904870008@qq.com>
Date:   Mon Jul 26 22:00:52 2021 +0800

    版本1

```

1. 回退到上一次版本,有多少个^就代表回退到几个版本

```
git reset --hard HEAD^
```

```

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git reset --hard HEAD^
fatal: cannot handle reset as a builtin

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git reset --hard HEAD^
HEAD is now at b0428c5 版本4

```

2. 回退到指定版本

```
git reset --hard 提交的版本id
```

```

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git reset --hard c6c86a5d6a20ed50a2499f5b31652218059ddc74
HEAD is now at c6c86a5 版本2

```

## 11 将指定文件回退到指定版本

并不是把所有文件都回退,指定的文件才会被回退

```
git checkout 版本id -- 要回退的文件名
```

## 12 将文件提交到远程仓库

```
git push origin 分支名称
```

## 13 添加标签

1. 添加到最后一次提交的代码中

```
git tag 标签名称
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git log
commit 13a4f37b62af240aeea998ff9eb05e596c80b354 (HEAD -> master, tag: v1.0)
Author: dml111727 <904870008@qq.com>
Date: Mon Jul 26 22:18:24 2021 +0800
```

修改两个文件做文件测试回退版本

2. 查看所有的标签

```
git tag
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git tag
v1.0
```

3. 给之前提交的代码添加标签

```
git tag 标签名 提交的id
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git tag v0.5 6e34dba6e995f0f1d4284fd6cf1f439305011f12

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git log
commit 13a4f37b62af240aeea998ff9eb05e596c80b354 (HEAD -> master, tag: v1.0)
Author: dml111727 <904870008@qq.com>
Date: Mon Jul 26 22:18:24 2021 +0800
```

修改两个文件做文件测试回退版本

```
commit 6e34dba6e995f0f1d4284fd6cf1f439305011f12 (tag: v0.5)
Author: dml111727 <904870008@qq.com>
Date: Mon Jul 26 22:13:30 2021 +0800
```

测试回退单个文件

4. 删除标签

```
git tag -d 标签名
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git tag -d v0.5
Deleted tag 'v0.5' (was 6e34dba)

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git log
commit 13a4f37b62af240aeea998ff9eb05e596c80b354 (HEAD -> master, tag: v1.0)
Author: dml111727 <904870008@qq.com>
Date: Mon Jul 26 22:18:24 2021 +0800

    修改两个文件做文件测试回退版本

commit 6e34dba6e995f0f1d4284fd6cf1f439305011f12
Author: dml111727 <904870008@qq.com>
Date: Mon Jul 26 22:13:30 2021 +0800

    测试回退单个文件

commit d06eb5fbd4098c02031b8949faa8e568b1ec7604
```

## 5. 将标签推送到远程仓库

```
git push origin 标签名
```

master ▾

🔗 分支 1 🏷️ 标签 0



dml111727 第一次上传文件 dbf2736 7天前

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git push origin v1.0
Enumerating objects: 39, done.
Counting objects: 100% (39/39), done.
Delta compression using up to 8 threads
Compressing objects: 100% (28/28), done.
Writing objects: 100% (38/38), 3.20 KiB | 818.00 KiB/s, done.
Total 38 (delta 13), reused 0 (delta 0), pack-reused 0
remote: Powered by GITEE.COM [GNK-6.0]
To gitee.com:dml111727/testGit.git
 * [new tag]          v1.0 -> v1.0

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
```

访问统计 仓库数据统计 仓库网络图 发行版 **标签** 提交 附件

标签名	描述	提交信息
🏷️ v1.0		13a4f37  2021-07-26 22:18

## 14 分支操作

### 14.1 查看已有分支

```
git branch
```

## 14.1 创建分支

### 1. 创建分支

```
git branch 分支名
```

```
Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (master)
$ git branch dev

Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (master)
$ git branch
dev
* master

Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (master)
$ git branch test

Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (master)
$ git branch
dev
* master
test

Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (master)
```

注意：分支的顺序由名字排序，而不是创建时间。

\*的分支为当前所在分支

## 14.2 切换分支

```
git checkout 分支名
```

## 14.3 删除分支

```
git branch -d 分支名
```

```
Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (dev)
$ git branch
* dev
master
test

Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (dev)
$ git branch -d test
Deleted branch test (was 13a4f37).

Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (dev)
$ git branch
* dev
master

Administrator@WIN-QMLVU6DV CDC MINGW64 /d/develop/testGit (dev)
```

注意：不能删除当前所在的分支

## 14.4 创建并切换分支

在哪个分支下面执行这条命令，代码就是那个本地分支的内容到新的分支中

```
git checkout -b 分支名
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (dev)
$ git checkout -b test
Switched to a new branch 'test'

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (test)
$ |
```

## 14.5 强制删除分支

```
git branch -D test
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (dev)
$ git branch -d test
error: The branch 'test' is not fully merged.
If you are sure you want to delete it, run 'git branch -D test'.

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (dev)
$ git branch -D test
Deleted branch test (was 7e5cfa3).

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (dev)
$ |
```

## 14.6 创建分支并与远端仓库进行关联

```
git fetch
git branch -av
```

```
$ git branch -av
dev                be33bf6 dev分支代码
master             5927137 [ahead 18] Merge branch 'dev' 这个
冲突之后的正确代码 解决了bbb.txt当中的冲突
test              be33bf6 dev分支代码
test2             be33bf6 dev分支代码
test3             5927137 Merge branch 'dev' 这个是解决冲突
正确代码 解决了bbb.txt当中的冲突
* test4           dbf2736 第一次上传文件
remotes/origin/dev be33bf6 dev分支代码
remotes/origin/master dbf2736 第一次上传文件

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (test4)
$ |
```

红色部分为远程分支()

```
git checkout -b 分支名 远程分支
```

```

remotes/origin/dev      be33bf6 dev分支代码
remotes/origin/master   dbf2736 第一次上传文件

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (test3)
$ git checkout -b test4 remotes/origin/master
Switched to a new branch 'test4'
Branch 'test4' set up to track remote branch 'master' from 'origin'.

```

## 15 合并分支

将指定分支合并到当前分支

```
git merge 分支名
```

```

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git merge dev
Updating 13a4f37..70ec387
Fast-forward
 bbb.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)

```

注意：被合并的分支是不受影响的，如上图，dev的分支代码不受影响

## 16 解决合并分支冲突

```
git merge dev
```

```

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git merge dev
Auto-merging bbb.txt
CONFLICT (content): Merge conflict in bbb.txt
Automatic merge failed; fix conflicts and then commit the result.

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master|MERGING)

```

打开冲突文件bbb.txt

```

1 测试回退单个文件
2 我要进行修改啦啦啦
3 测试并分支
4 <<<<<<< HEAD
5 maser分支代码 当前分支代码
6 =====
7 dev分支代码 合并进来的分支代码
8 >>>>>>> dev
9

```

## 1. 忽略其他分支，保留当前分支的代码

```
git merge --abort
```

## 2. 手动解决冲突

- 删除文件的<<<<HEAD和=====和>>>> dev，看是否保留那些内容，当前是保留了两个分支的内容

```
1 测试回退单个文件
2 我要进行修改啦啦啦
3 测试并分支
4
5 maser分支代码
6 dev分支代码
7
8
```

- git staus

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master|MERGING)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 16 commits.
  (use "git push" to publish your local commits)

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both modified:   bbb.txt

no changes added to commit (use "git add" and/or "git commit -a")
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master|MERGING)
```

两个地方被修改

- git add 文件名

- git commit

```
Merge branch 'dev'

# Conflicts:
#   bbb.txt
#
# It looks like you may be committing a merge.
# If this is not correct, please run
#   git update-ref -d MERGE_HEAD
# and try again.

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch master
# Your branch is ahead of 'origin/master' by 16 commits.
#   (use "git push" to publish your local commits)
#
# All conflicts fixed but you are still merging.
#
# Changes to be committed:
#   modified:   bbb.txt
#
~
~
```

输入解决冲突的文件和说明等，如：

按下i可以进行输入：





```
git commit -m 提交说明
```

```
Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$ git commit -m 解决冲突之后的代码
On branch master
Your branch is ahead of 'origin/master' by 18 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
$
```

## 17 查看版本路线

### 1. 查看版本路线

```
git log --online --graph
```

```
$ git log --oneline --graph
* 5927137 (HEAD -> master) Merge branch 'dev' 这个是解决冲突之后的正确代码 解决了bbb.txt当中的冲突
/ \
* be33bf6 (dev) dev分支代码
* | 2c40a39 master分支代码
|/
* 70ec387 测试合并分支
* 13a4f37 (tag: v1.0) 修改两个文件做文件测试回退版本
* 6e34dba 测试回退单个文件
* d06eb5f 版本5
* 1d6adeb 版本4
* 6ef34af 版本3
* c6c86a5 版本2
* 3707f64 版本1
* 14e4fc2 删除文件bbbb.txt
* b98ca07 编辑内容
* 95ef8bd 命令行重命名
* a37eee5 修改文件名
* 9355d30 add file aaa.txt
* 8903c53 commit delete file dddd.txt
* c398c53 test
* dbf2736 (origin/master) 第一次上传文件
```

## 18 删除远程仓库不想要的分支

### 1. 拉取所有的远程仓库

```
git fetch
```

### 2. 查看所有的仓库

```
git branch -av
```

```

Administrator@WIN-QMLVU6DVDCD MINGW64 /d/develop/testGit (test3)
$ git branch -av
dev                be33bf6 dev分支代码
master            5927137 [ahead 18] Merge branch 'dev' 这个是解决
冲突之后的正确代码 解决了bbb.txt当中的冲突
test              be33bf6 dev分支代码
test2            be33bf6 dev分支代码
* test3          5927137 Merge branch 'dev' 这个是解决冲突之后的
正确代码 解决了bbb.txt当中的冲突
remotes/origin/dev be33bf6 dev分支代码
remotes/origin/master dbf2736 第一次上传文件
remotes/origin/test3 5927137 Merge branch 'dev' 这个是解决冲突之后的
正确代码 解决了bbb.txt当中的冲突
Administrator@WIN-QMLVU6DVDCD MINGW64 /d/develop/testGit (test3)

```

红色字体为远程仓库

删除远程仓库：确保不需要了，确保已经合并

```
git push origin --delete test3
```

## 19 解决本地推送到远程仓库时代码冲突

1. 拉取远程仓库

```
git fetch
```

2. 查看所有仓库

```
git branch -av
```

3. 合并他人新提交的代码

```
git merge origin/分支名
```

编辑合并信息保存

再执行

```
git push
```

## 常用命令

### 查看项目改动

```
git status
```

红色代表还没加到暂存区

绿色为暂存区的文件 unstage

## 查看提交记录

1. 查看所有人的提交记录

```
git log
```

2. 查看指定人员的提交记录

```
git log --author='用户名'
```

3. 查看简略日志

```
git log --oneline
```

```
$ git log --oneline
5927137 (HEAD -> master) Merge branch 'dev' 这个是解决冲突之后的正确
解决了bbb.txt当中的冲突
be33bf6 (dev) dev分支代码
2c40a39 master分支代码
70ec387 测试合并分支
13a4f37 (tag: v1.0) 修改两个文件做文件测试回退版本
6e34dba 测试回退单个文件
d06eb5f 版本5
1d6adeb 版本4
6ef34af 版本3
c6c86a5 版本2
3707f64 版本1
14e4fc2 删除文件bbbb.txt
b98ca07 编辑内容
95ef8bd 命令行重命名
a37eee5 修改文件名
9355d30 add file aaa.txt
8903c53 commit delete file dddd.txt
c398c53 test
dbf2736 (origin/master) 第一次上传文件

Administrator@WIN-QMLVU6DVCDC MINGW64 /d/develop/testGit (master)
```