

版本回退

有时候，我们希望改错了文件，希望退到上一个文件的状态，这个时候就需要用到版本回退的功能

查看提交历史

```
git log
```

```
commit 9d9b773241e75d1918ad0acfa03c511f4b90acc5 (HEAD -> master)
```

```
Author: 李阳 <liyang@liyangdeMacBook-Pro.local>
```

```
Date: Sun Dec 22 21:22:31 2019 +0800
```

```
    修改了1.txt内容
```

```
commit 5e6b27220a06e04b3a014b07bfb9517db3de7435
```

```
Author: 李阳 <liyang@liyangdeMacBook-Pro.local>
```

```
Date: Sun Dec 22 21:17:30 2019 +0800
```

```
    提交1.txt
```

```
(END)
```

退到上一版本

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:29:55]
```

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

```
HEAD is now at 5e6b272 提交1.txt
```

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:29:57]
```

```
$ cat 1.txt
```

```
这是一个Git测试
```

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:30:01]
```

```
$
```

```
git reset --hard HEAD^      //退到上一版本
```

```
git reset --hard HEAD^^     //退到上上一版本
```

```
git reset --hard HEAD~50    //退到前50版本
```

回到最新版本

通过git reflog 查看所有提交的版本号

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:33:54]
```

```
$ git reflog
```

```
5e6b272 (HEAD -> master) HEAD@{0}: reset: moving to HEAD^
```

```
9d9b773 HEAD@{1}: commit: 修改了1.txt内容
```

```
5e6b272 (HEAD -> master) HEAD@{2}: commit (initial): 提交1.txt
```

```
(END)
```

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:36:38]
$ git reset --hard 9d9b773
HEAD is now at 9d9b773 修改了1.txt内容

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:36:44]
$ cat 1.txt
这是一个Git测试
这是修改内容

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:36:46]
$
```

可以看到我们的内容又回来了。