

## 创建一个文件

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:12:31]
$ vi 1.txt

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:12:56]
$ cat 1.txt
这是一个Git测试

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:13:01]
$
```

## 查看状态

我们通过git status可以查看当前仓库的变化，显示红色的文件代表是新建的或者是修改的。

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:13:26]
$ git status
On branch master

No commits yet

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

    1.txt

nothing added to commit but untracked files present (use "git add" to track)

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:13:28]
```

## 添加到暂存区

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:15:22]
$ git add 1.txt

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:15:36]
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

        new file:   1.txt

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:15:57]
$
```

可以看到刚才的文件变成了绿色，代表这个文件只是加到了暂存区，并没有提交到本地仓库。

## 提交到仓库

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:17:20]
$ git commit -m '提交1.txt'
[master (root-commit) 5e6b272] 提交1.txt
Committer: 李阳 <liyang@liyangdeMacBook-Pro.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 1.txt

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:17:31]
$ git status
On branch master
nothing to commit, working tree clean

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:17:48]
```

## 修改文件

我们在1.txt里面随便添加点内容

## 查看修改内容

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:19:07]
$ git diff 1.txt
```

```
diff --git a/1.txt b/1.txt
index a9b244d..518109e 100644
--- a/1.txt
+++ b/1.txt
@@ -1,2 @@
 这是一个Git测试
+这是修改内容
(END)
```

通过这个命令，我们可以看此文件修改的内容，按q可以退出查看。

## 提交修改后内容

执行的步骤跟前面一样

```
# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:22:18]
$ git add 1.txt

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master x [21:22:21]
$ git commit -m '修改了1.txt内容'
[master 9d9b773] 修改了1.txt内容
Committer: 李阳 <liyang@liyangdeMacBook-Pro.local>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)

# liyang @ liyangdeMacBook-Pro in ~/Desktop/project on git:master o [21:22:31]
$
```