

gitlab_fork模式

fork远程上游仓库到开发者个人仓库

以 github 开源项目 vue-router 为例

The top screenshot shows the GitHub repository page for `vuejs/vue-router`. The repository has 18k stars and 5k forks. A red arrow points to the 'Fork' button in the top right corner. Below the repository name, there is a table of files and their commit history:

File	Commit	Time
<code>.circleci</code>	<code>ci: use yarn</code>	2 years ago
<code>.github</code>	<code>chore: remove patreon [skip ci]</code>	7 months ago
<code>assets</code>	<code>chore: add browserstack logo (#2709)</code>	2 years ago

The bottom screenshot shows the user's personal repository `liaolongdong/vue-router`, which was forked from `vuejs/vue-router`. A red arrow points to the repository name. The repository has 14 branches and 86 tags. Below the repository name, there is a table of files and their commit history:

File	Commit	Time
<code>.circleci</code>	<code>ci: use yarn</code>	2 years ago
<code>.github</code>	<code>chore: remove patreon [skip ci]</code>	7 months ago
<code>.vscode</code>	<code>feat(compiler): add 'comments' option</code>	last month
<code>assets</code>	<code>chore: add browserstack logo (vuejs#2709)</code>	2 years ago

关联上游远程仓库

```
# 查看本地项目关联远程仓库地址
git remote -v

# 删除origin关联的远程仓库地址
git remote remove origin

# 重命名关联仓库名称
git remote rename <repo> <new-repo>

# 添加远程仓库新地址
git remote add origin <url>
```

本地与上游仓库代码、分支同步

- 一、源仓库新增加了分支，如何同步到自己的仓库，
- 二、源仓库某个分支代码更新了，如何同步到本地仓库相应的分支

问题一：同步新分支到fork仓库

- 1、首先我们先克隆fork仓库

```
git clone https://github.com/liaolongdong/vue-router.git
```

- 2、然后增加源仓库

```
git remote add upstream https://github.com/vuejs/vue-router.git # (upstream 为源仓库名字，
```

- 3、然后拉取源仓库分支

```
git checkout -b branchName upstream/branchName # (branchName为分支名字)
```

- 4、然后上传到fork仓库

```
git push origin branchName
```

问题二：同步分支代码

- 1、首先切换到需要更新的分支

```
git checkout -b branchName origin/branchName
```

- 2、拉取源仓库分支内容

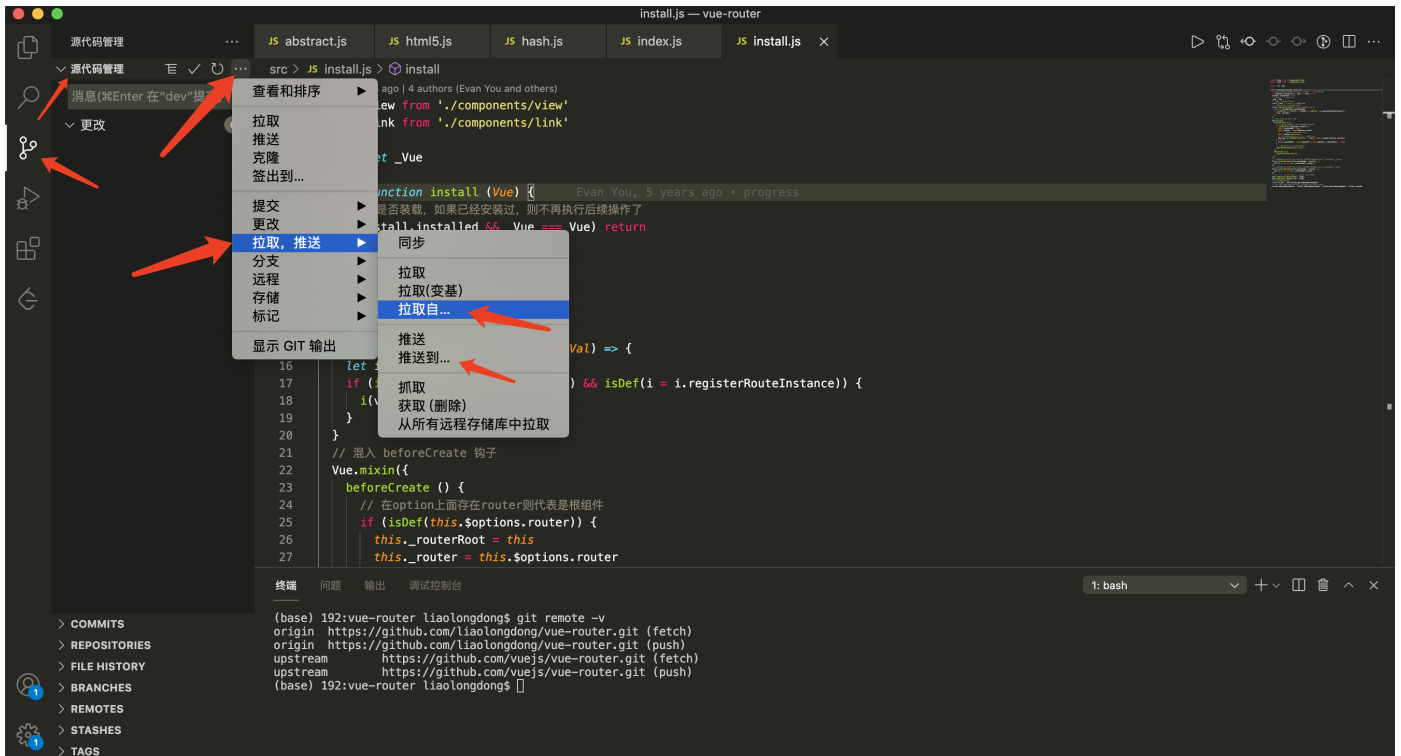
```
git pull upstream branchName
```

3、然后上传到fork仓库

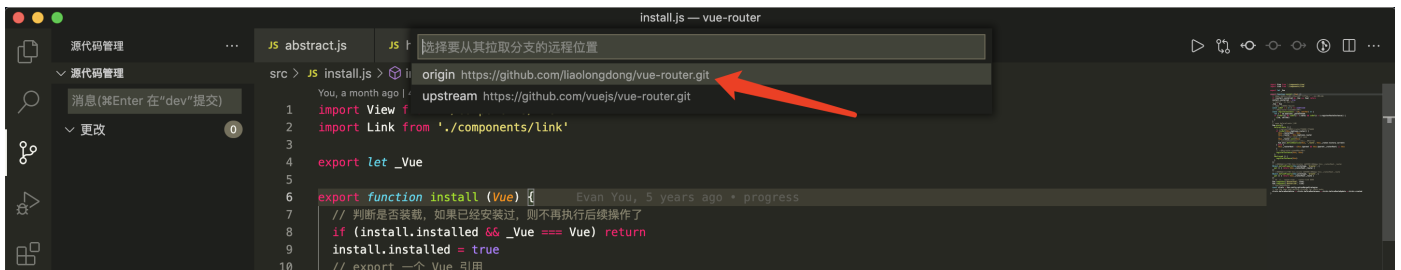
```
git push origin branchName
```

使用vscode完成更新上游远程仓库代码并推送到下游(个人/本地)远程仓库

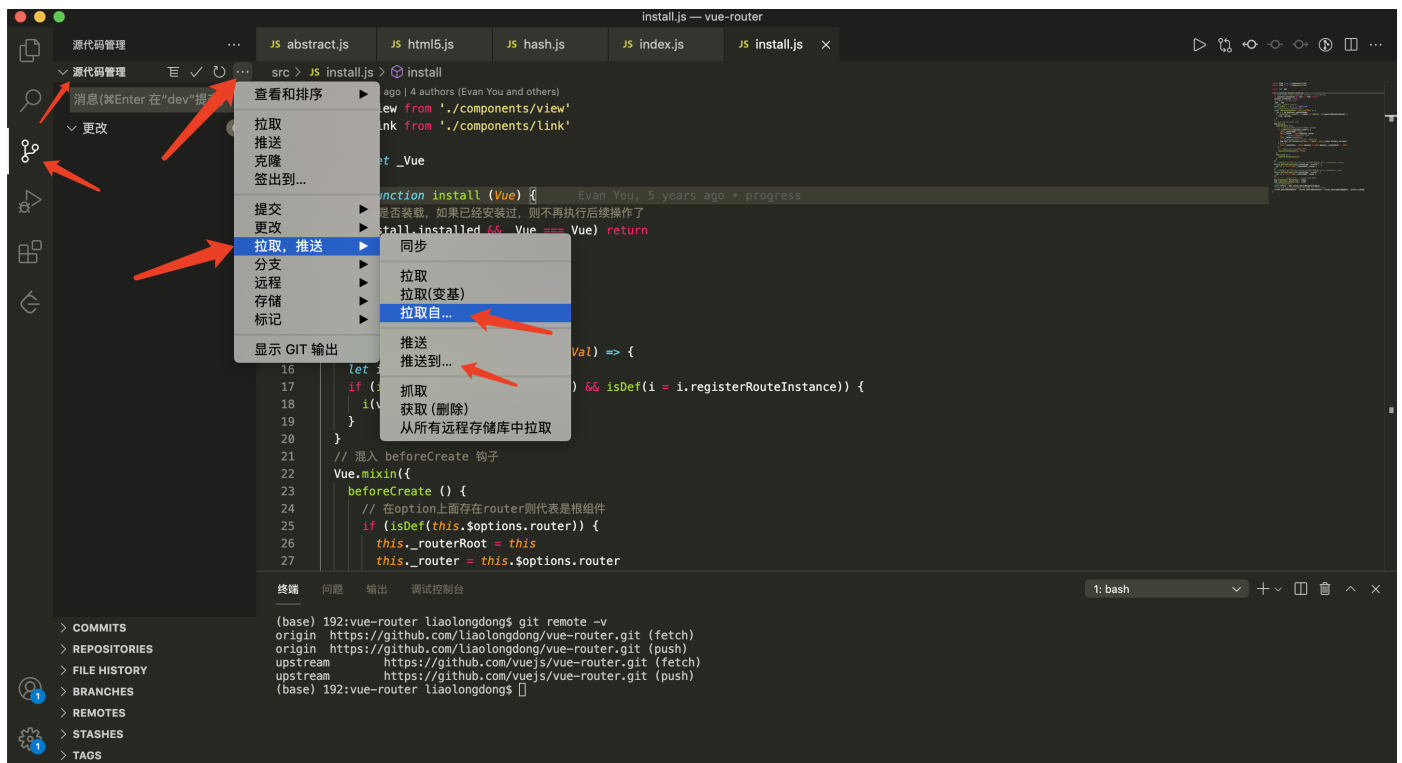
1. 使用vscode完成更新上游远程仓库代码并推送到下游(个人/本地)远程仓库



2. 拉取哪个仓库的代码更新到本地



3. 拉取与本地对应的分支更新到本地



推送到远程仓库，和以上类似

gitlab仓库使用fork模式下的同步