

Windows App开发环境安装

1.Node 环境 : 选择合适自己的方式进行安装

Win64 -- <https://nodejs.org/dist/v4.2.4/node-v4.2.4-x64.msi>

2.Yeoman 环境: npm install -g yo

```
C:\Users\Administrator\Desktop>npm install yo -g
npm WARN deprecated npmconf@2.1.2: this package has been reintegrated into npm and is now out of date with respect to npm

> spawn-sync@1.0.15 postinstall C:\Users\Administrator\AppData\Roaming\npm\node_modules\yo\node_modules\tabtab\node_modules\inquirer\node_modules\external-editor\node_modules\spawn-sync
> node postinstall

> spawn-sync@1.0.15 postinstall C:\Users\Administrator\AppData\Roaming\npm\node_modules\yo\node_modules\yeoman-environment\node_modules\inquirer\node_modules\external-editor\node_modules\spawn-sync
> node postinstall

C:\Users\Administrator\AppData\Roaming\npm\yo-complete -> C:\Users\Administrator\AppData\Roaming\npm\node_modules\yo\lib\completion\index.js
C:\Users\Administrator\AppData\Roaming\npm\yo -> C:\Users\Administrator\AppData\Roaming\npm\node_modules\yo\lib\cli.js

> yo@1.8.4 postinstall C:\Users\Administrator\AppData\Roaming\npm\node_modules\yo
> yodoctor

Yeoman Doctor
Running sanity checks on your system

✓ Global configuration file is valid
✓ NODE_PATH matches the npm root
✓ Node.js version
✓ No .bowerrc file in home directory
✓ No .yo-rc.json file in home directory
✗ npm version

Your npm version is outdated.

Upgrade to the latest version by running:
npm install -g npm
```

```
npm install -g npm
```

See this guide if you're having trouble upgrading:

<https://github.com/npm/npm/wiki/Troubleshooting#upgrading-on-windows>

Found potential issues on your machine :(<

yo@1.8.4 C:\Users\Administrator\AppData\Roaming\npm\node_modules\yo

```
|----- cli-list@0.1.8
|----- titleize@1.0.0
|----- async@1.5.2
|----- humanize-string@1.0.1 <decamelize@1.2.0>
|----- opn@3.0.3 <object-assign@4.1.0>
|----- user-home@2.0.0 <os-homedir@1.0.1>
|----- string-length@1.0.1 <strip-ansi@3.0.1>
|----- figures@1.7.0 <escape-string-regexp@1.0.5, object-assign@4.1.0>
|----- yeoman-character@1.1.0 <supports-color@3.1.2>
|----- repeating@2.0.1 <is-finite@1.0.1>
|----- chalk@1.1.3 <escape-string-regexp@1.0.5, supports-color@2.0.0, ansi-style
s@2.2.1, has-ansi@2.0.0, strip-ansi@3.0.1>
|----- root-check@1.0.0 <sudo-block@1.2.0, downgrade-root@1.2.2>
|----- sort-on@1.3.0 <arrify@1.0.1, dot-prop@2.4.0>
|----- parse-help@0.1.1 <execall@1.0.0>
|----- cross-spawn@3.0.1 <lru-cache@4.0.1, which@1.2.10>
|----- configstore@1.4.0 <object-assign@4.1.0, os-tmpdir@1.0.1, graceful-fs@4.1.
5, xdg-basedir@2.0.0, uuid@2.0.2, osenv@0.1.3, write-file-atomic@1.1.4, mkdirp@0
.5.1>
|----- npm-keyword@4.2.0 <object-assign@4.1.0, pinkie-promise@2.0.1, registry-ur
l@3.1.0>
|----- package-json@2.3.3 <registry-url@3.1.0, semver@5.3.0, rc@1.1.6>
|----- got@5.6.0 <lowercase-keys@1.0.0, timed-out@2.0.0, is-redirect@1.0.0, is-p
lain-obj@1.1.0, object-assign@4.1.0, read-all-stream@3.1.0, is-stream@1.1.0, nod
e-status-codes@1.0.0, is-retry-allowed@1.1.0, duplex2@0.1.4, unzip-response@1.
0.0, pinkie-promise@2.0.1, url-parse-lax@1.0.0, create-error-class@3.0.2, readab
le-stream@2.1.4, parse-json@2.2.0>
|----- update-notifier@0.6.3 <is-npm@1.0.0, latest-version@2.0.0, semver-diff@2.
1.0, configstore@2.0.0, boxen@0.3.1>
|----- yosay@1.2.0 <strip-ansi@3.0.1, ansi-regex@2.0.0, ansi-styles@2.2.1, wrap
ansi@2.0.0, cli-boxes@1.0.0, pad-component@0.0.1, taketalk@1.0.0, string-width@1
.0.2>
|----- inquirer@0.11.4 <strip-ansi@3.0.1, ansi-regex@2.0.0, ansi-escapes@1.4.0,
```

```

rx-lite@3.1.2, through@2.3.8, cli-width@1.1.1, run-async@0.1.0, readline2@1.0.1,
string-width@1.0.2, cli-cursor@1.0.2)
|----- fullname@2.1.0 <pify@2.3.0, pinkie-promise@2.0.1, npmconf@2.1.2>
|----- meow@3.7.0 <decamelize@1.2.0, trim-newlines@1.0.0, map-obj@1.0.1, object-
assign@4.1.0, minimist@1.2.0, camelcase-keys@2.1.0, redent@1.0.0, loud-rejection
@1.6.0, normalize-package-data@2.3.5>
|----- read-pkg-up@1.0.1 <find-up@1.1.2, read-pkg@1.1.0>
|----- lodash@3.10.1
|----- insight@0.7.0 <object-assign@4.1.0, tough-cookie@2.3.1, lodash.debounce@3
.1.1, os-name@1.0.3, inquirer@0.10.1, request@2.74.0>
|----- yeoman-doctor@2.1.0 <object-values@1.0.0, log-symbols@1.0.2, semver@5.3.0
, each-async@1.1.1, bin-version-check@2.1.0, twig@0.8.9>
|----- yeoman-environment@1.6.3 <log-symbols@1.0.2, escape-string-regexp@1.0.5,
text-table@0.2.0, untildify@2.1.0, debug@2.2.0, diff@2.2.3, mem-fs@1.1.3, groupe
d-queue@0.3.2, inquirer@1.1.2, globby@4.1.0, lodash@4.15.0>
|----- tabtab@1.3.2 <object-assign@4.1.0, minimist@1.2.0, debug@2.2.0, mkdirp@0.
5.1, npmlog@2.0.4, inquirer@1.1.2>

C:\Users\Administrator\Desktop>yo -v
? =====
? =====
We're constantly looking for ways to make yo better!
May we anonymously report usage statistics to improve the tool over time?
More info: https://github.com/yeoman/insight & http://yeoman.io
===== Yes
? 'Allo! What would you like to do? Install a generator
? Search npm for generators:

  _____
  |         |
  |  <o>  |
  |_____|
  |  'U'  |
  |  A    |
  |  ~    |
  |_____|
  |  'o'  |
  |_____|

  _____
  |         |
  | Bye from us! |
  | Chat soon.   |
  | Yeoman team  |
  | http://yeoman.io |
  |_____|
  |         |
  |_____|

```

安装完成

3.Gulp 环境：npm install -g gulp


```

C:\Users\Administrator\Desktop>npm install gulp -g
npm WARN deprecated minimatch@2.0.10: Please update to minimatch 3.0.2 or higher
to avoid a RegExp DoS issue
npm WARN deprecated minimatch@0.2.14: Please update to minimatch 3.0.2 or higher
to avoid a RegExp DoS issue
npm WARN deprecated lodash@1.0.2: lodash@<3.0.0 is no longer maintained. Upgrade
to lodash@4.0.0.
npm WARN deprecated graceful-fs@1.2.3: graceful-fs v3.0.0 and before will fail o
n node releases >= v7.0. Please update to graceful-fs@^4.0.0 as soon as possible
. Use 'npm ls graceful-fs' to find it in the tree.
C:\Users\Administrator\AppData\Roaming\npm\gulp -> C:\Users\Administrator\AppData
a\Roaming\npm\node_modules\gulp\bin\gulp.js
gulp@3.9.1 C:\Users\Administrator\AppData\Roaming\npm\node_modules\gulp
├── interpret@1.0.1
├── pretty-hrtime@1.0.2
├── deprecated@0.0.1
├── archy@1.0.0
├── minimist@1.2.0
├── semver@4.3.6
├── tildify@1.2.0 (os-homedir@1.0.1)
├── chalk@1.1.3 (ansi-styles@2.2.1, escape-string-regexp@1.0.5, supports-colo
r@2.0.0, strip-ansi@3.0.1, has-ansi@2.0.0)
├── v8flags@2.0.11 (user-home@1.1.1)
├── orchestrator@0.3.7 (sequencify@0.0.7, stream-consume@0.1.0, end-of-stream
@0.1.5)
├── vinyl-fs@0.3.14 (mkdirp@0.5.1, graceful-fs@3.0.9, defaults@1.0.3, strip-b
om@1.0.0, vinyl@0.4.6, through2@0.6.5, glob-stream@3.1.18, glob-watcher@0.0.6)
├── gulp-util@3.0.7 (array-uniq@1.0.3, array-differ@1.0.0, object-assign@3.0.
0, lodash._reevaluate@3.0.0, lodash._reescape@3.0.0, lodash._reinterpolate@3.0.0
, beeper@1.1.0, replace-ext@0.0.1, vinyl@0.5.3, fancy-log@1.2.0, has-gulplog@0.1
.0, gulplog@1.0.0, through2@2.0.1, multipipe@0.1.2, lodash.template@3.6.2, datef
ormat@1.0.12)
├── liftoff@2.3.0 (lodash.isstring@4.0.1, lodash.isplainobject@4.0.6, lodash.
mapvalues@4.6.0, extend@3.0.0, rechoir@0.6.2, flagged-respawn@0.3.2, resolve@1.1
.7, fined@1.0.1, findup-sync@0.4.2)

```

安装完成

4.Nginx 环境:

Win -- <http://nginx.org/download/nginx-1.8.0.zip>

解压之后为了方便使用,可以配置到系统全局的Path变量中,配置后可以
直接在命令行使用相关命令

a.复制解压之后的文件目录路径,如:

(C:\Users\PromeYang\Downloads\nginx-1.8.0)

b.我的电脑 -> 属性 -> 高级 -> 环境变量, 编辑<系统变量> - Path

c.在变量值输入框的最后面<输入> ; ,然后<粘贴>步骤1复制的路径,一
直接<确定>保存修改

配置完成后,可以同时按下 win+r ,输入 cmd 启动命令行工具,现在已经

可以直接使用以下常用命令

5. 获取脚手

```
C:\Users\Administrator\Desktop>npm install generator-sync -g
npm WARN deprecated minimatch@2.0.10: Please update to minimatch 3.0.2 or higher
to avoid a RegExp DoS issue
npm WARN deprecated CSSselect@0.4.1: the module is now available as 'css-select'
npm WARN deprecated minimatch@0.3.0: Please update to minimatch 3.0.2 or higher
to avoid a RegExp DoS issue
npm WARN deprecated CSSwhat@0.4.7: the module is now available as 'css-what'
-
> generator-sync@1.2.0 postinstall C:\Users\Administrator\AppData\Roaming\npm\node_modules\generator-sync
> node scripts/post-install.js

generator-sync@1.2.0 C:\Users\Administrator\AppData\Roaming\npm\node_modules\generator-sync
├── del@0.1.3 (is-path-cwd@1.0.0, each-async@1.1.1, is-path-in-cwd@1.0.0, globby@0.1.1, rimraf@2.5.4)
├── yeoman-generator@0.17.7 (dargs@2.1.0, diff@1.4.0, isbinaryfile@2.0.4, async@0.9.2, underscore.string@2.4.0, mime@1.3.4, text-table@0.2.0, lodash@2.4.2, iconv-lite@0.4.13, run-async@0.1.0, shelljs@0.3.0, nopt@3.0.6, glob@4.5.3, cross-spawn@0.2.9, class-extend@0.1.2, rimraf@2.5.4, mkdirp@0.5.1, debug@1.0.4, chalk@0.5.1, file-utils@0.2.2, grouped-queue@0.3.2, findup-sync@0.1.3, cheerio@0.17.0, request@2.74.0, github-username@1.1.1, gruntfile-editor@0.2.0, download@1.0.7, inquirer@0.7.3)
```

安装完成

初始化项目框架

在工作路径创建1个项目空文件夹

如:D:\Project\test

进入test文件夹, `Shift + 鼠标右键`,选择在此处打开命令窗口

在命令行输入 `yo sync` 初始化模板

```

D:\Project\test>yo sync
node_modules 软连接创建完毕!
? 初始的静态资源: apicloud模板
  create tasks\gulpfile-dev.js
  create src\css\.npmignore
  create src\feature\.npmignore
  create src\html\.npmignore
  create src\icon\.npmignore
  create src\image\.npmignore
  create src\index.html
  create src\launch\.npmignore
  create src\res\.npmignore
  create src\sass\.npmignore
  create src\script\.npmignore
  create src\wgt\.npmignore
  create conf\mime.types
  create conf\nginx.promesync.conf
  create conf\temp.promesync.conf
  create prome-sync
  create prome-sync.bat
  create gulpfile.js
  create package.json

```

I'm all done. Running **npm install** for you to install the required dependencies.
If this fails, try running the command yourself.

```

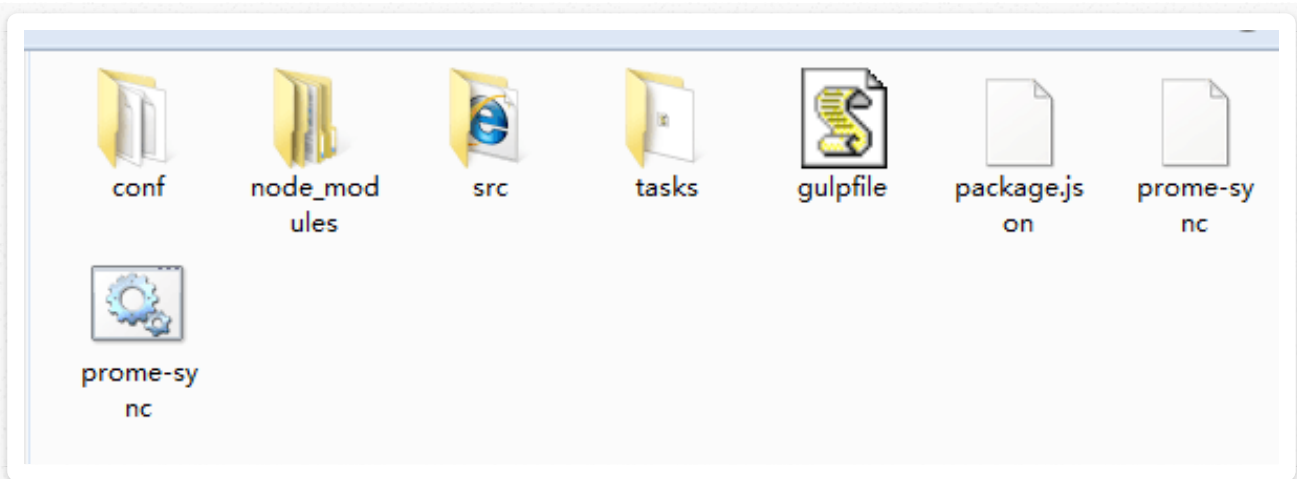
npm WARN package.json test@0.0.01 No README data
npm WARN unmet dependency D:\Project\test\node_modules\prome-sync\node_modules\socket.io\node_modules\socket.io-adapter\node_modules\socket.io-parser requires debug@'0.7.4' but will load
npm WARN unmet dependency D:\Project\test\node_modules\prome-sync\node_modules\socket.io\node_modules\debug,
npm WARN unmet dependency which is version 2.2.0
资源初始化完毕! 现在可以 coding...
[00:33:43] Warning: gulp version mismatch:
[00:33:43] Global gulp is 3.9.1

```

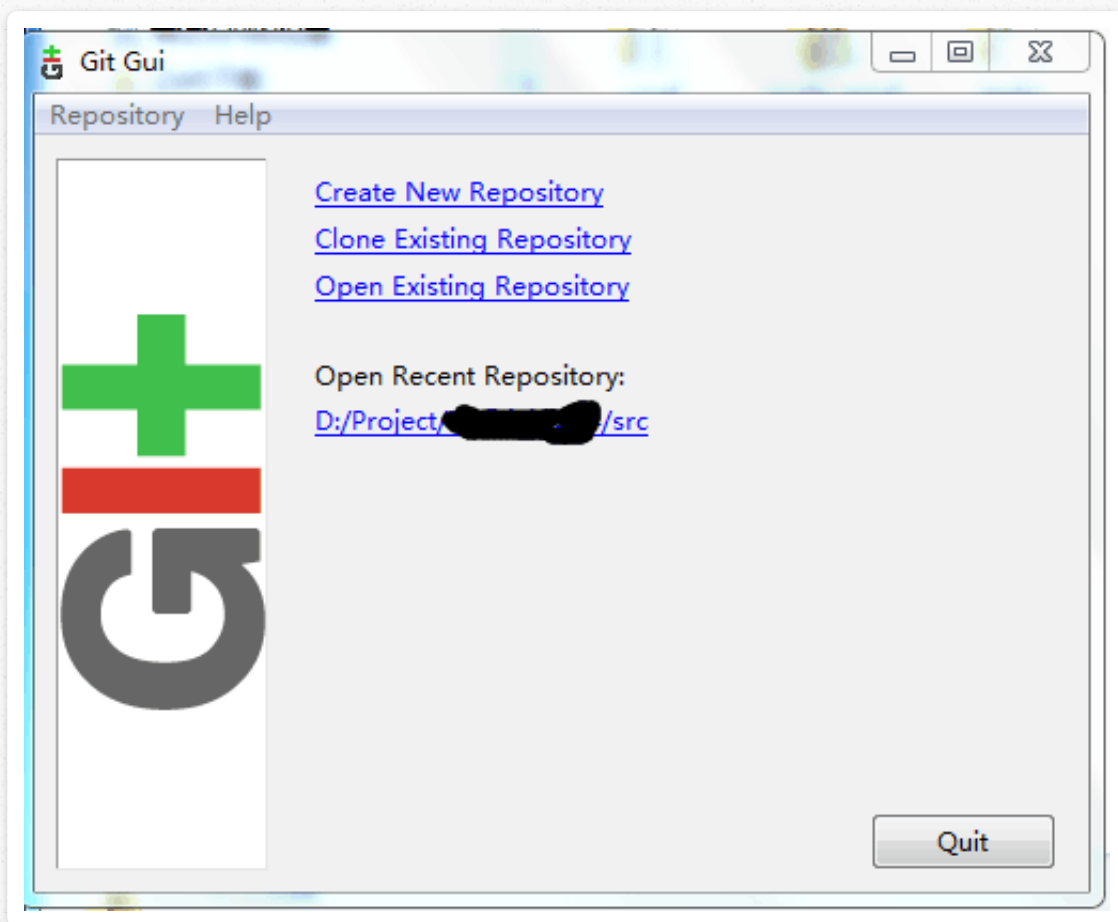
在工作目录创建项目空文件夹

如:D:\Project\test

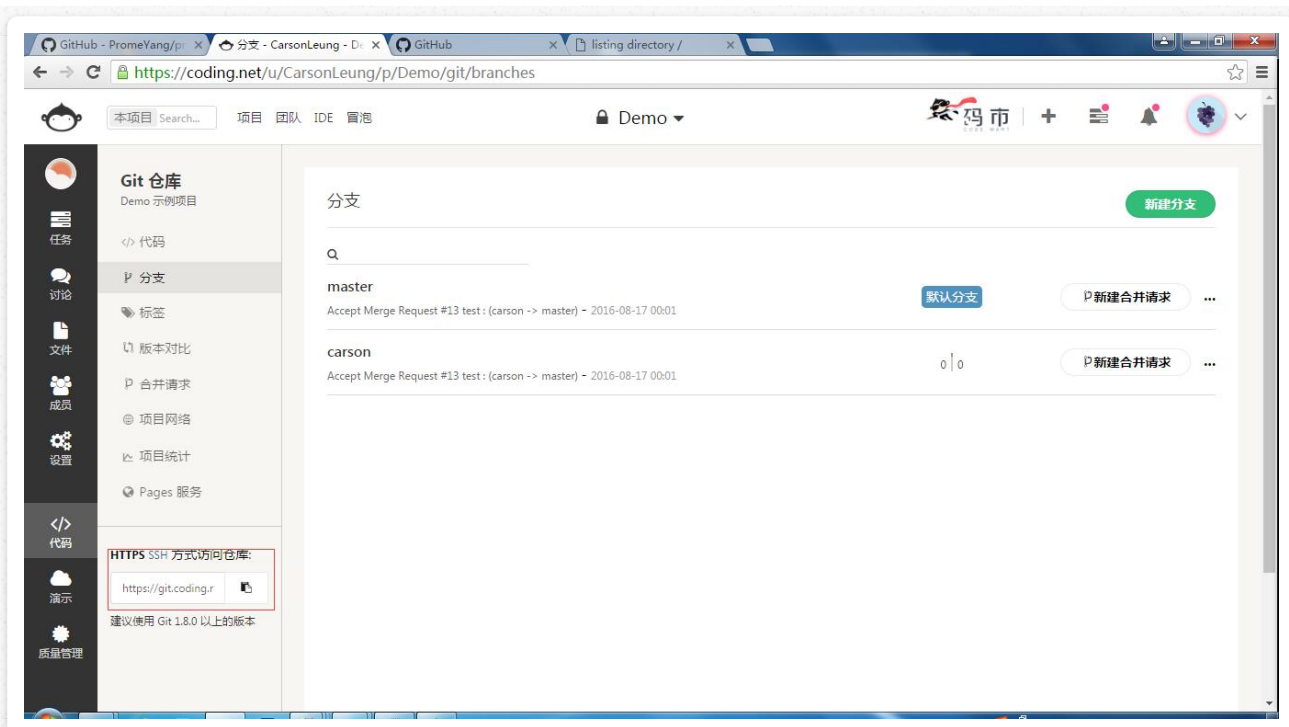
把项目的src文件delete掉



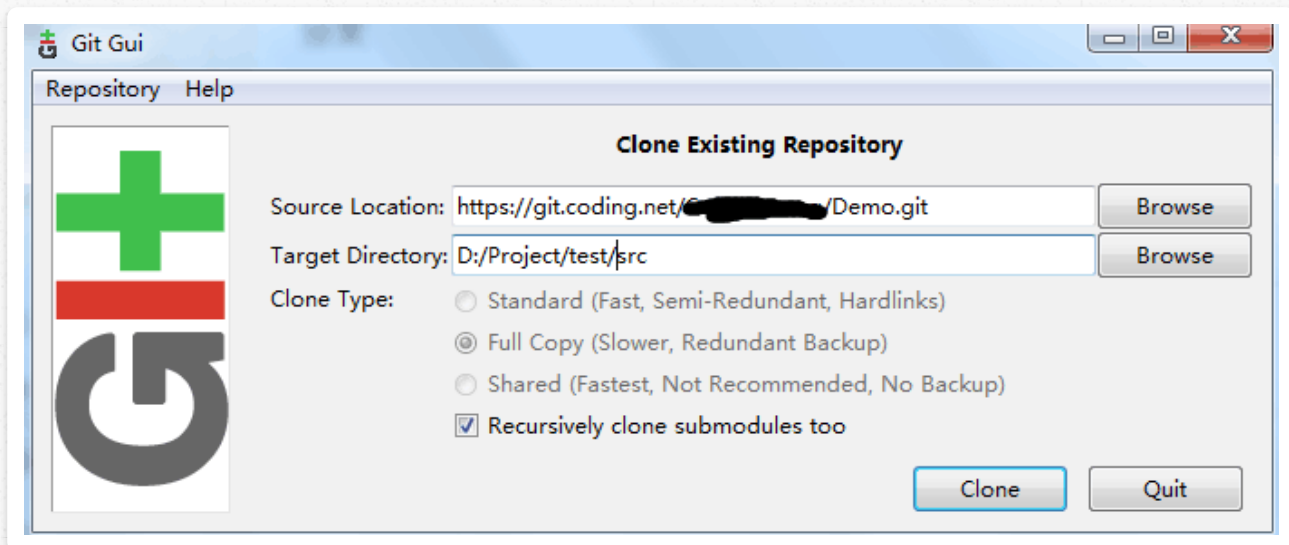
在当前目录,右键选择Git GUI Here



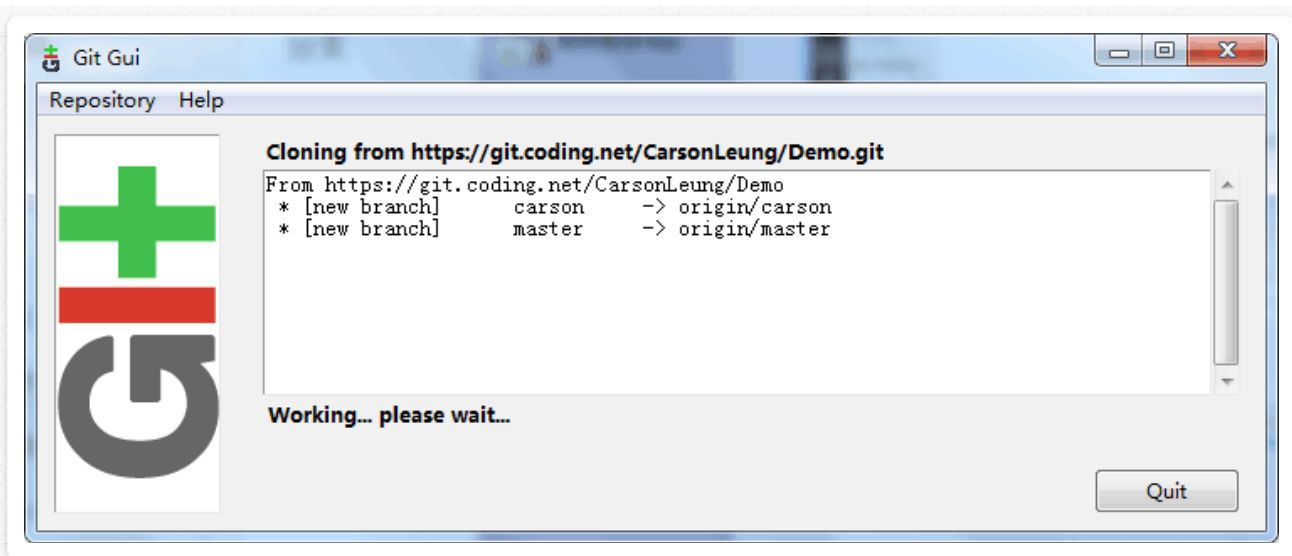
选择Clone Existing Repository
此刻在coding copy 主干的link



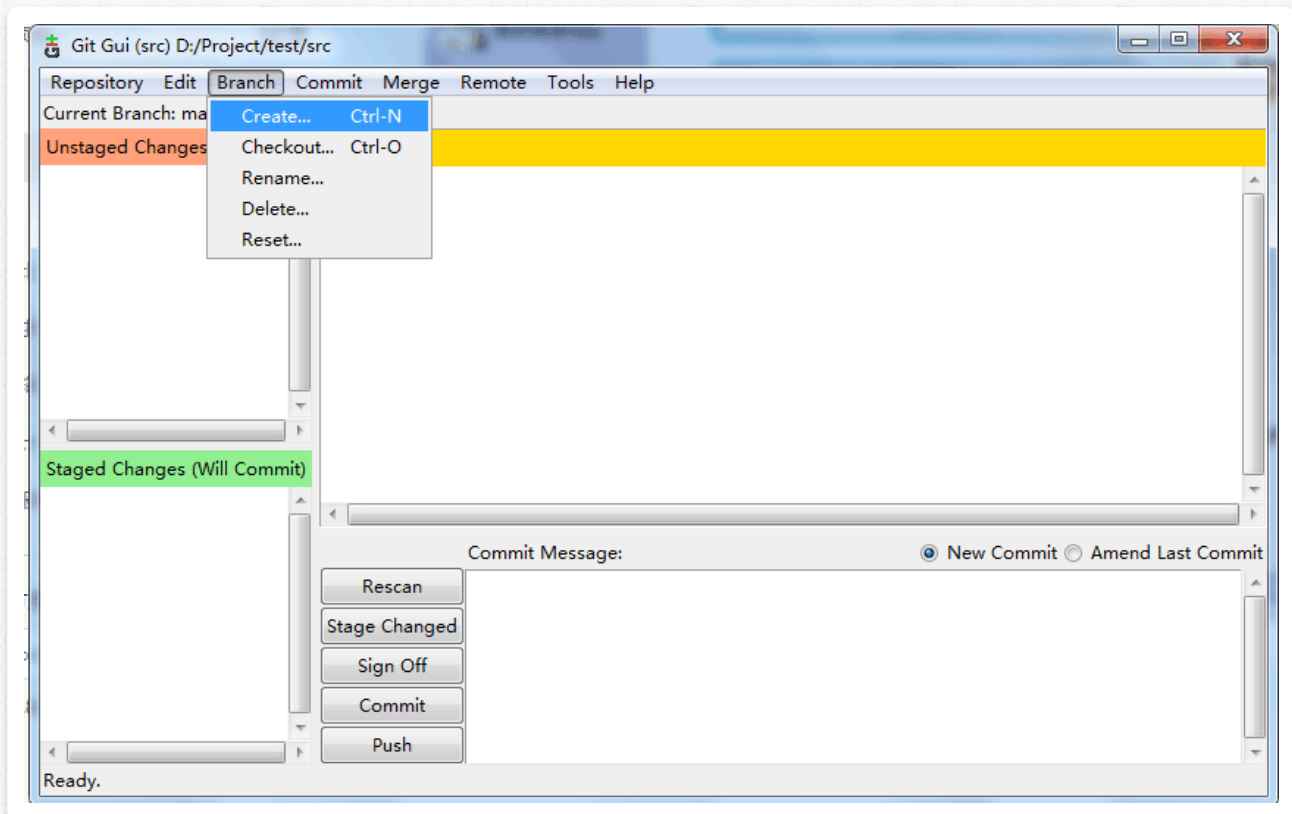
把link粘贴到

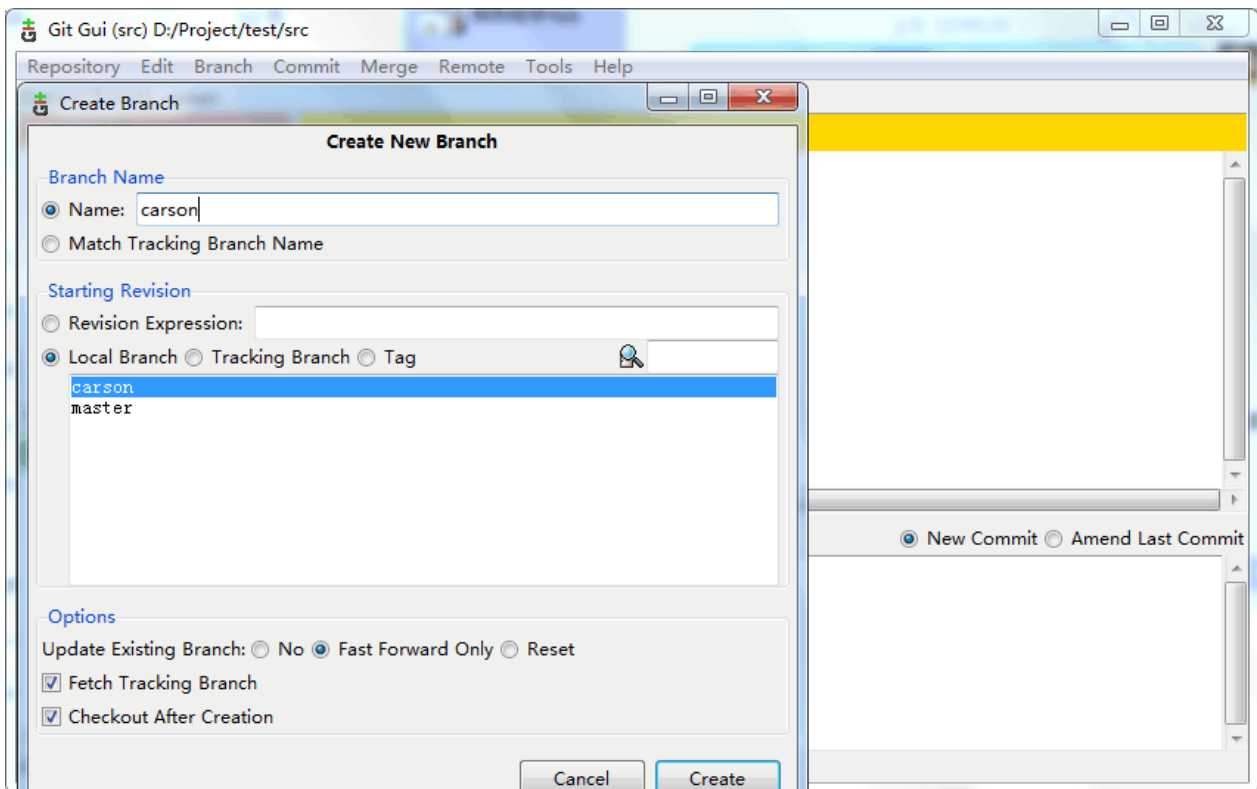


Clone

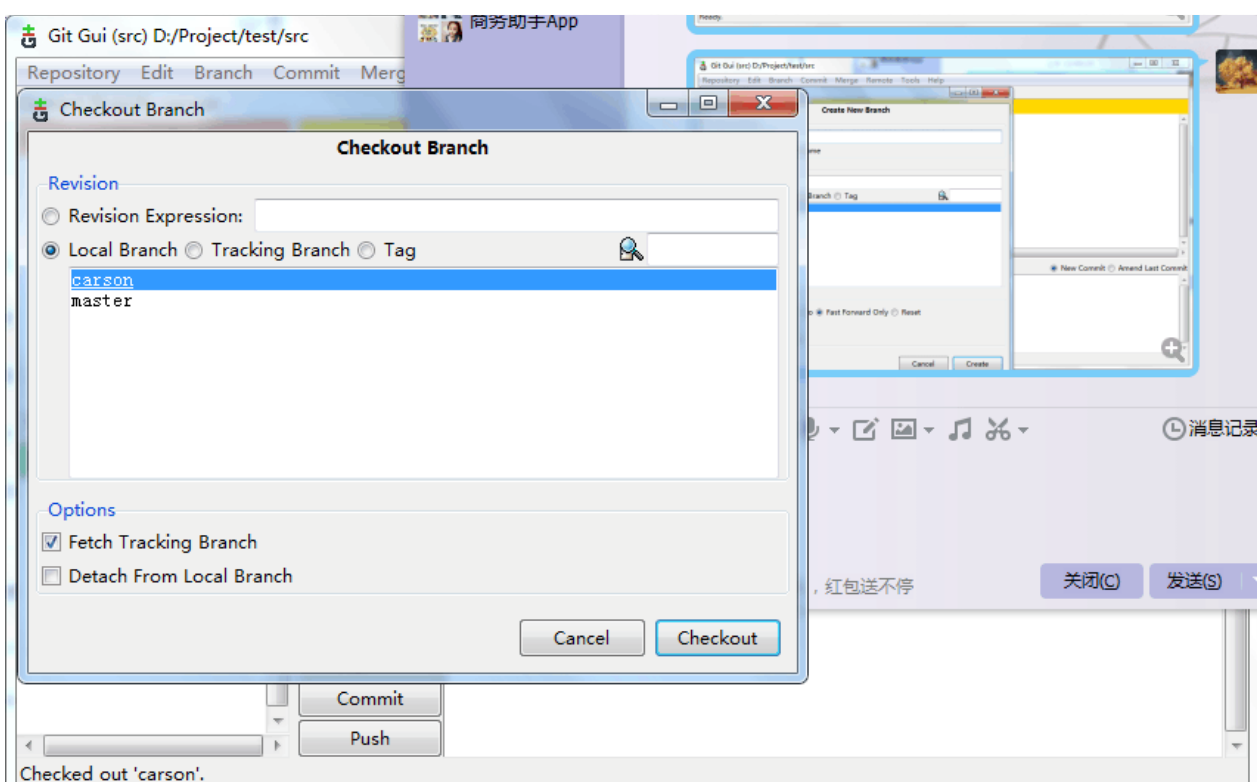


Clone完之后,创建一个本地的branch

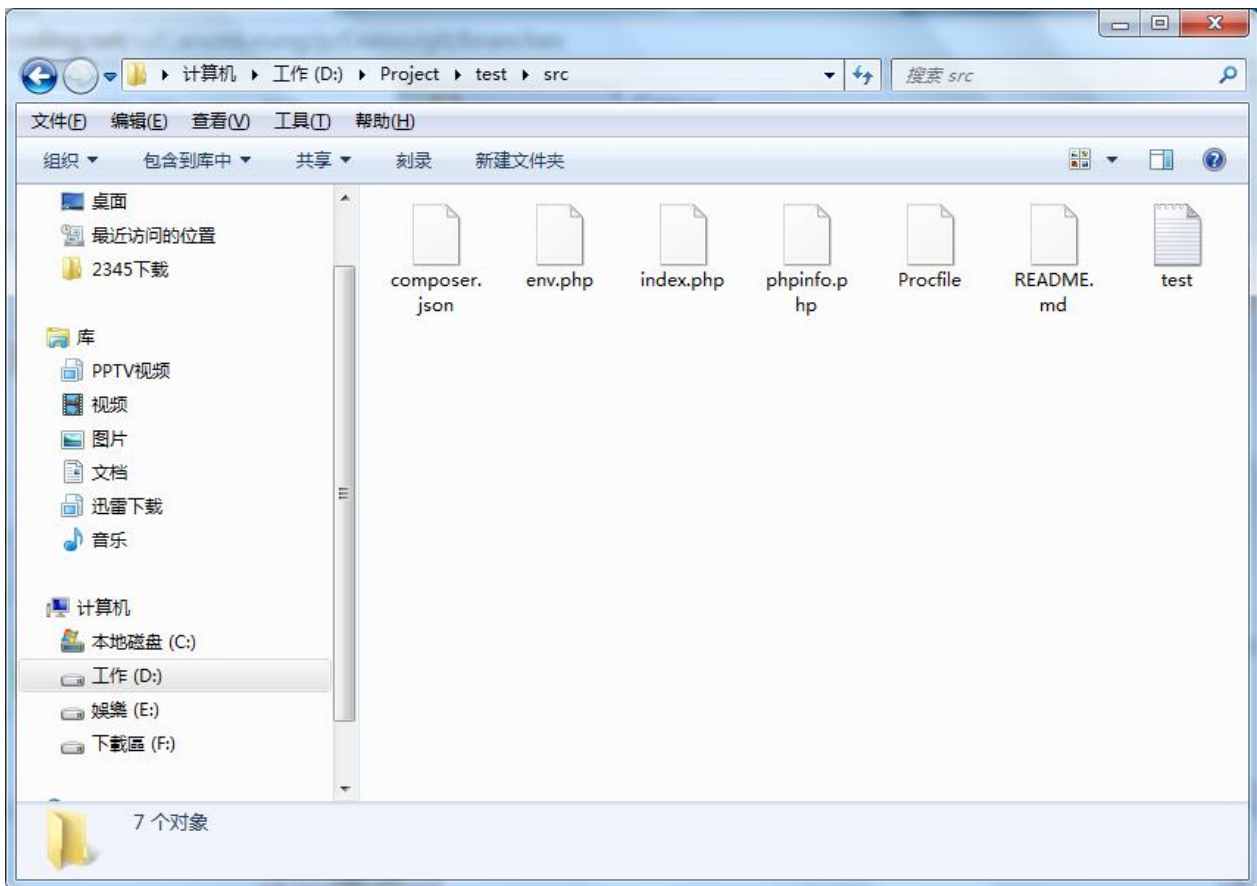




创建完毕后,Checkout



Checkout完毕,此时D:\Project\test的项目文件夹有1个叫src的分支文件夹

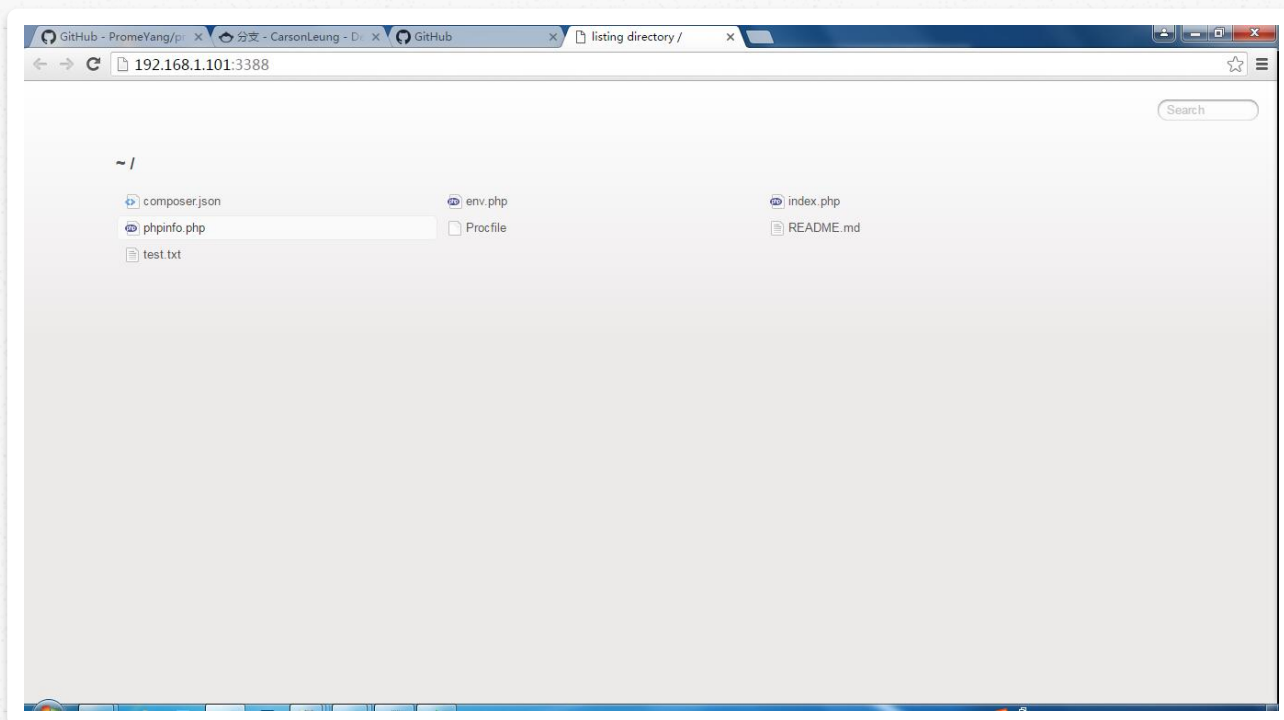


在src文件夹 `Shift + 鼠标右键` 选择在此处打开命令窗口
输入gulp

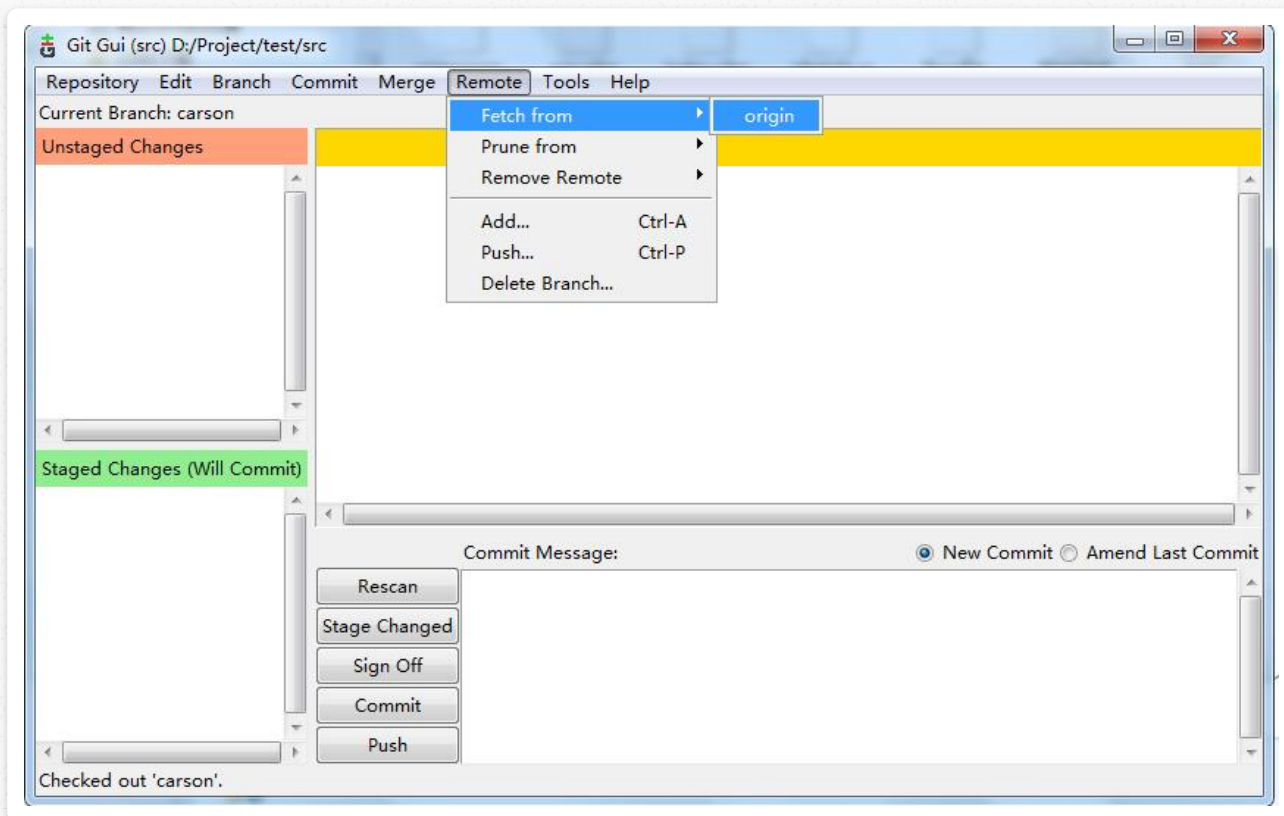
```
gulp
D:\Project\千千商务助手\src>gulp
[00:00:40] Warning: gulp version mismatch:
[00:00:40] Global gulp is 3.9.1
[00:00:40] Local gulp is 3.8.11
[00:00:40] Working directory changed to D:\Project\千千商务助手
[00:00:44] Using gulpfile D:\Project\千千商务助手\gulpfile.js
[00:00:44] Starting 'dev_conn'...
[00:00:44] Finished 'dev_conn' after 56 ms
[00:00:44] Starting 'default'...
[00:00:44] Finished 'default' after 12 ms
[B8] Access URLs:
-----
Local: http://localhost:3399
External: http://192.168.1.101:3399
-----
[B8] Serving files from: src
[B8] Access URLs:
-----
Local: http://localhost:3388
External: http://192.168.1.101:3388
-----
[B8] Serving files from: src

半:
```

此时项目即可通过ip+端口访问



在Git拉取最新代码



拉取完毕后,合并到本地分支

Git Gui (src): fetch origin

Fetching new changes from origin

From https://git.coding.net/CarsonLeung/Demo
729dc96..0bed655 master -> origin/master

Success

Close

Git Gui (src) D:/Project/test/src

Repository Edit Branch Commit Merge Remote Tools Help

Current Branch: carson

Local Merge... Ctrl-M

Unstaged Changes

Abort Merge...

Staged Changes (Will Commit)

Commit Message:

☒ New Commit ☐ Amend Last Commit

Rescan

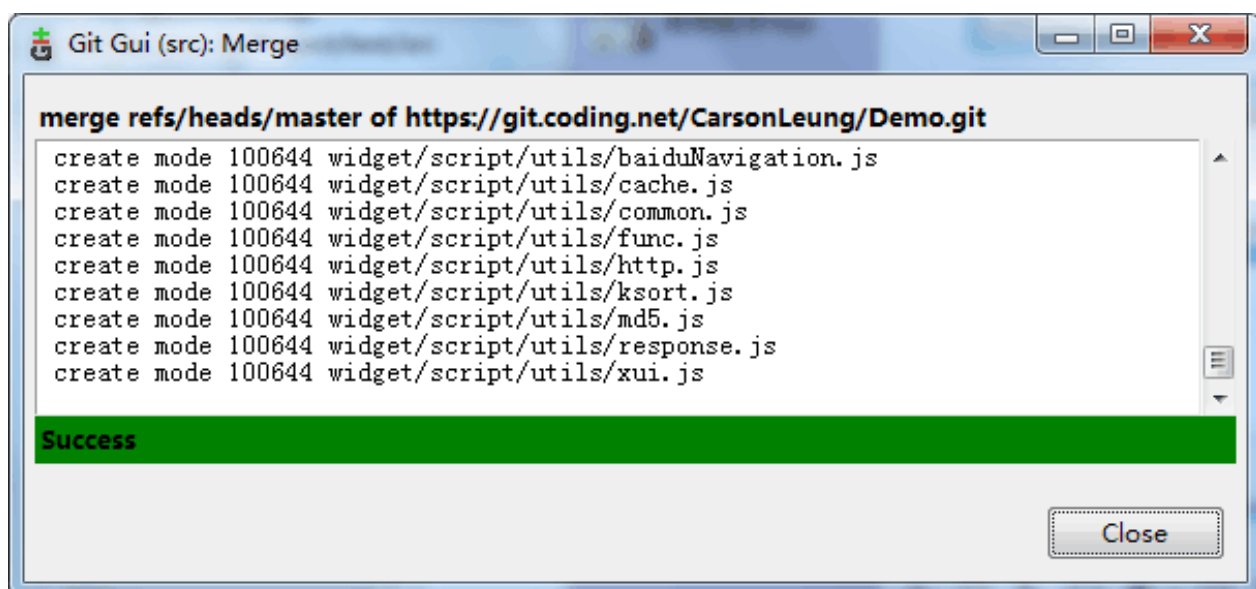
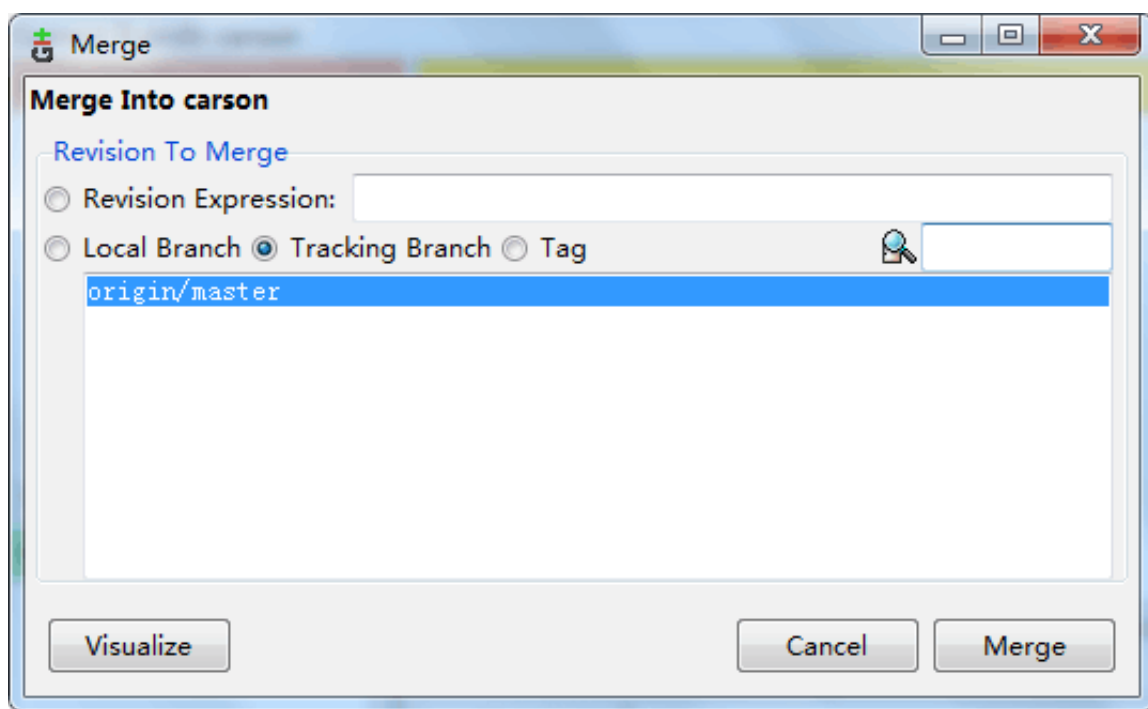
Stage Changed

Sign Off

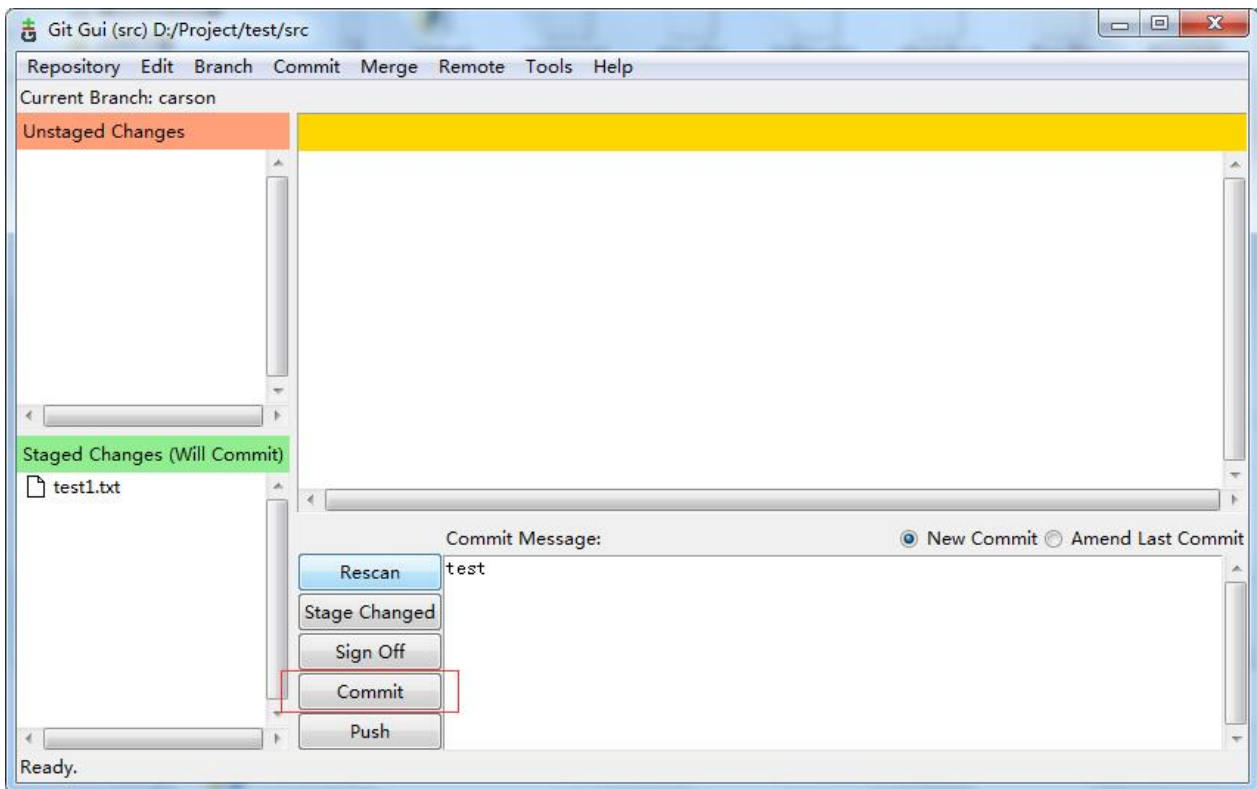
Commit

Push

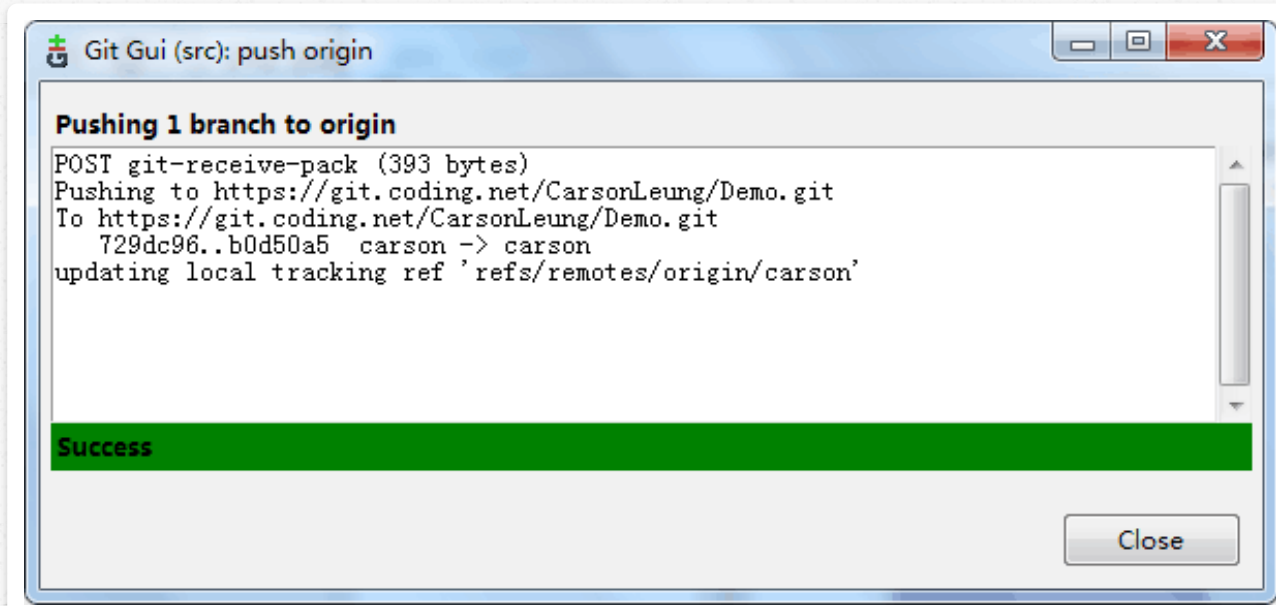
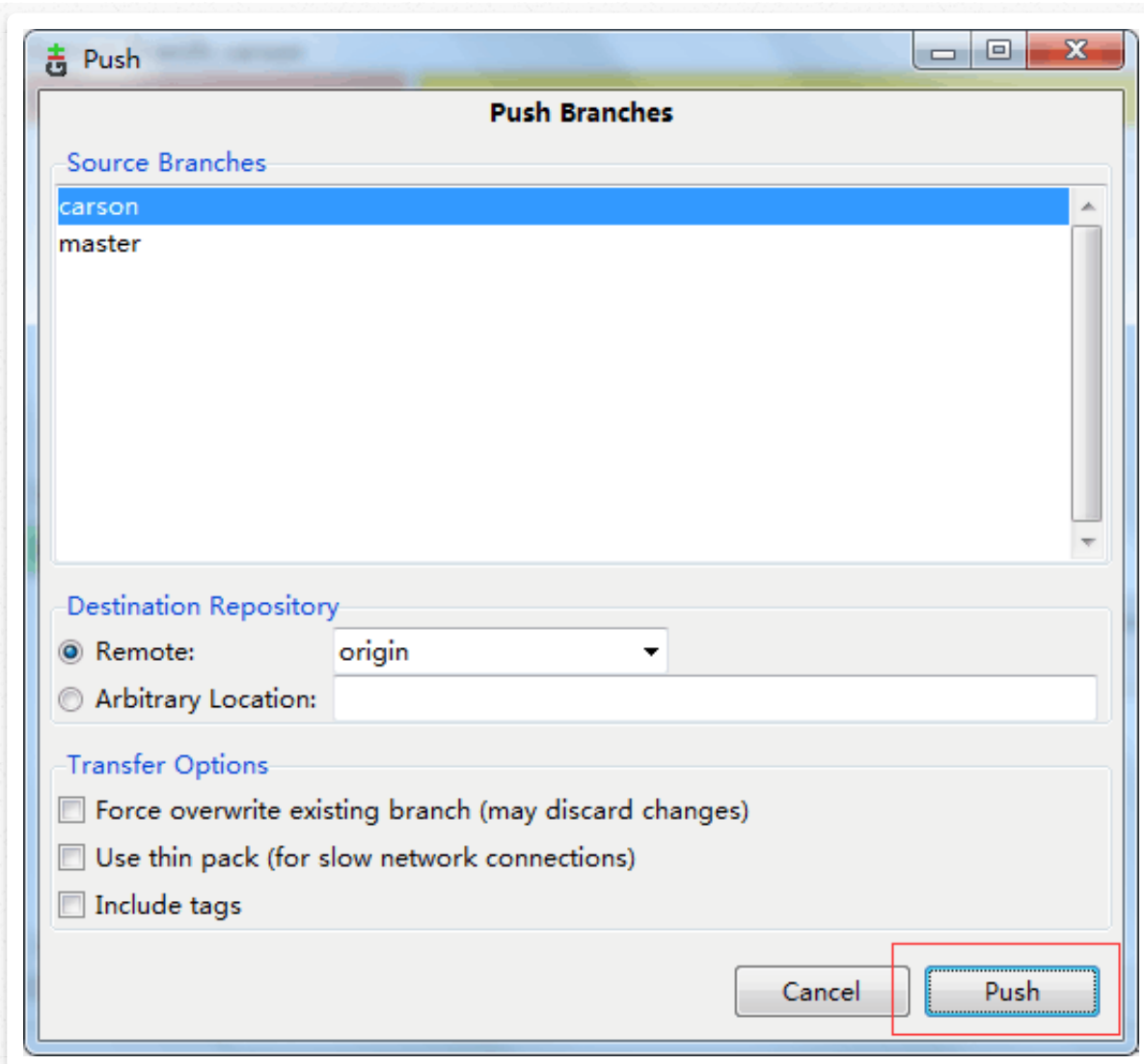
Checked out 'carson'.



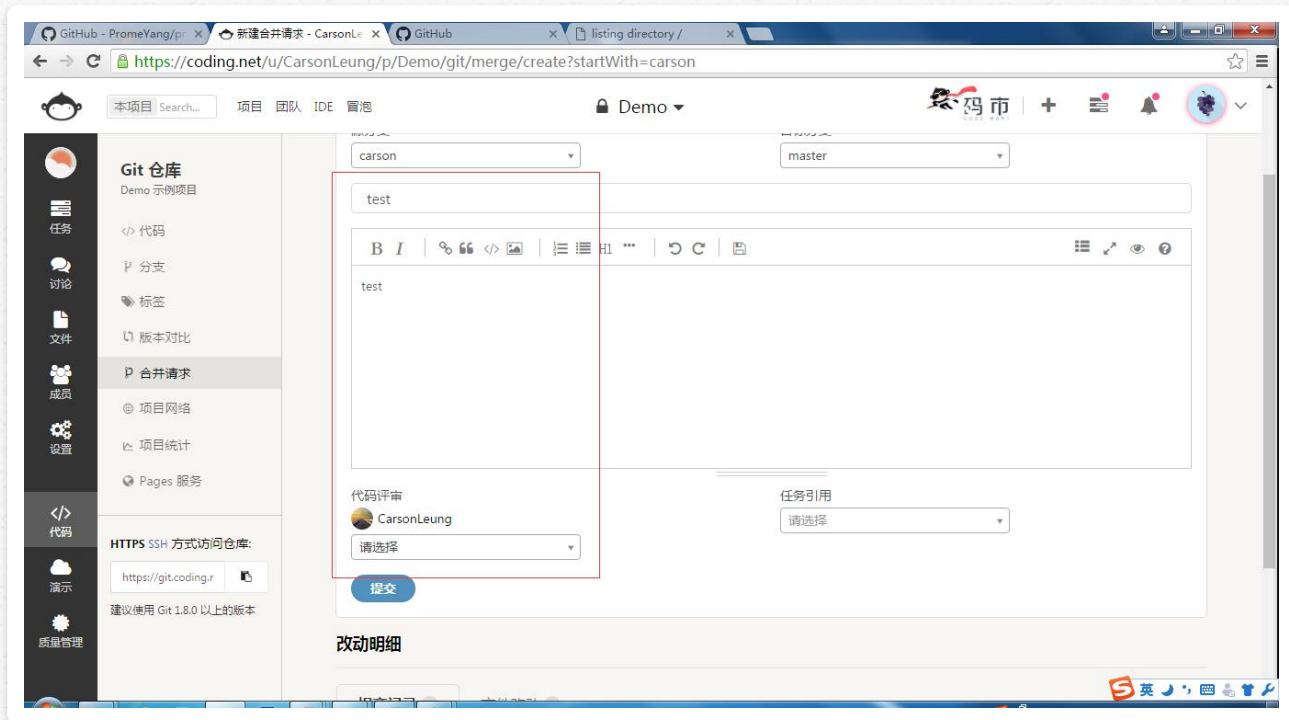
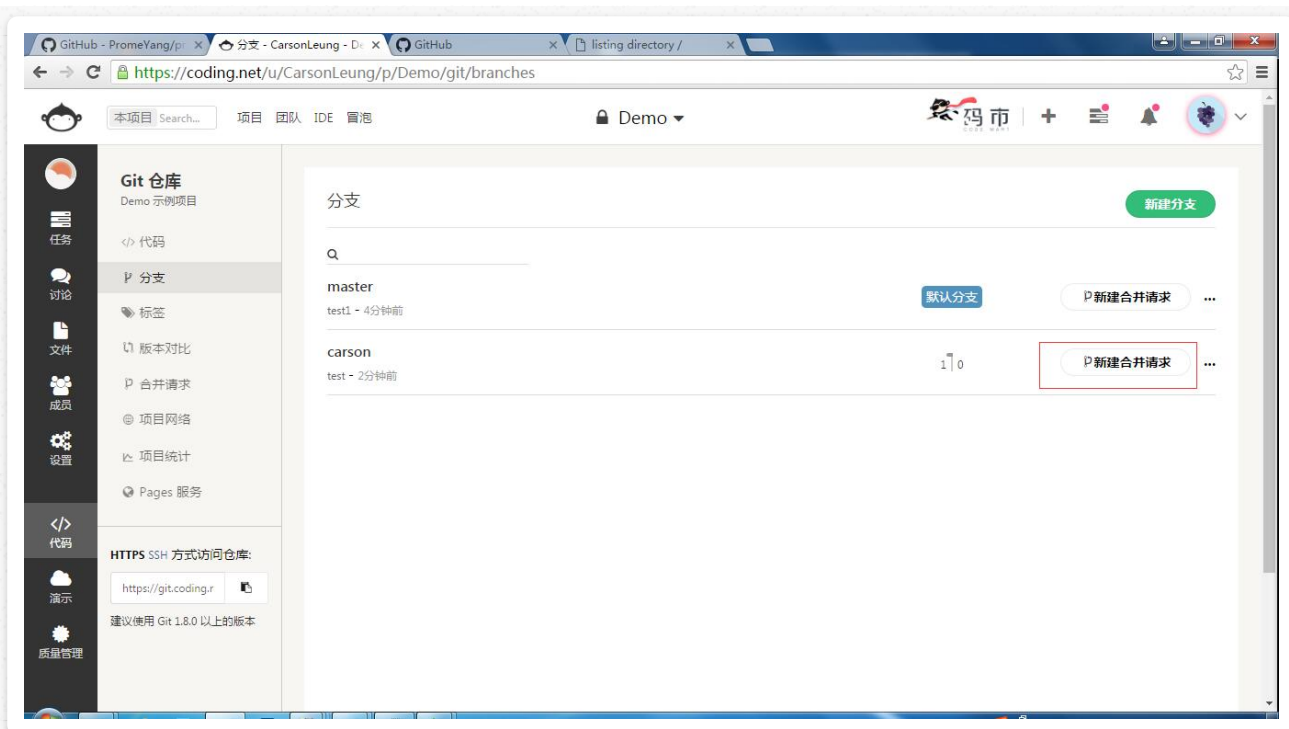
提交自己修改的代码



提交完成后, push到自己分支

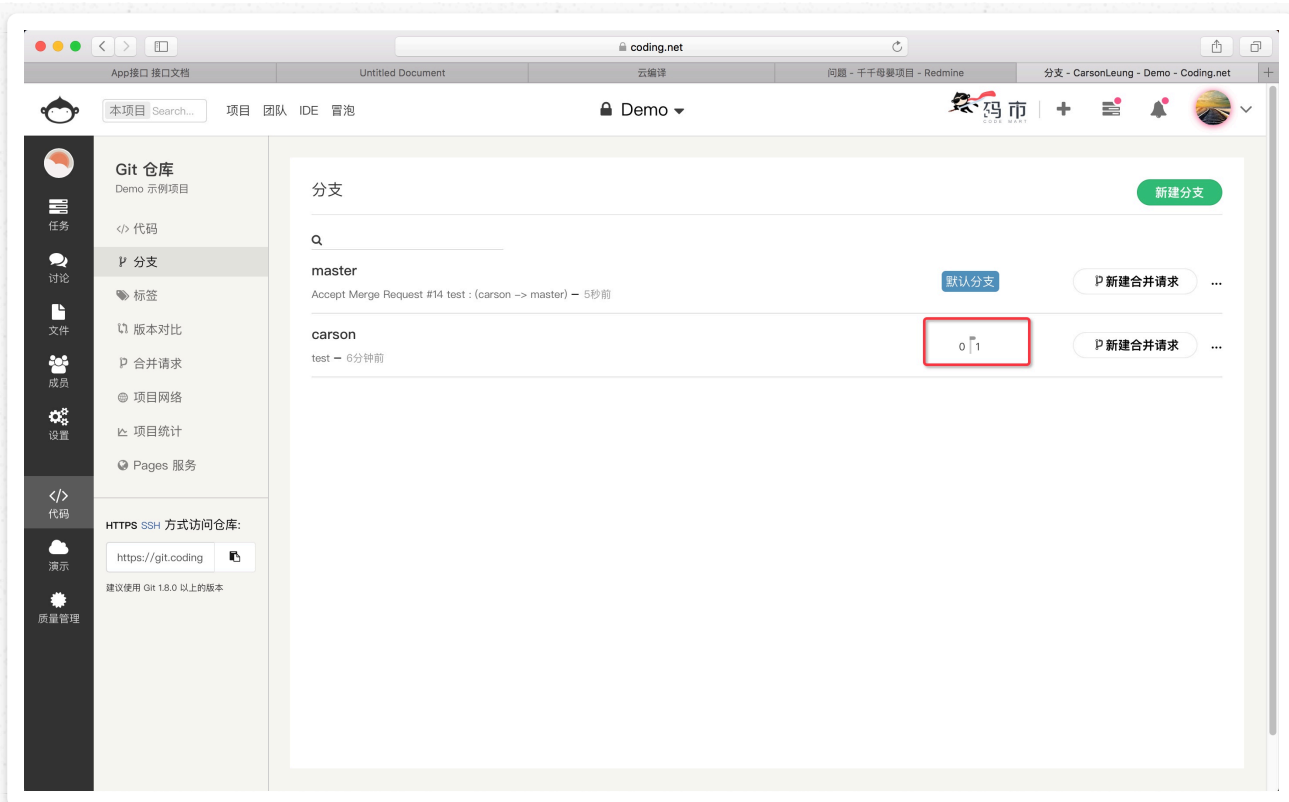


到coding项目-分支新建合并请求

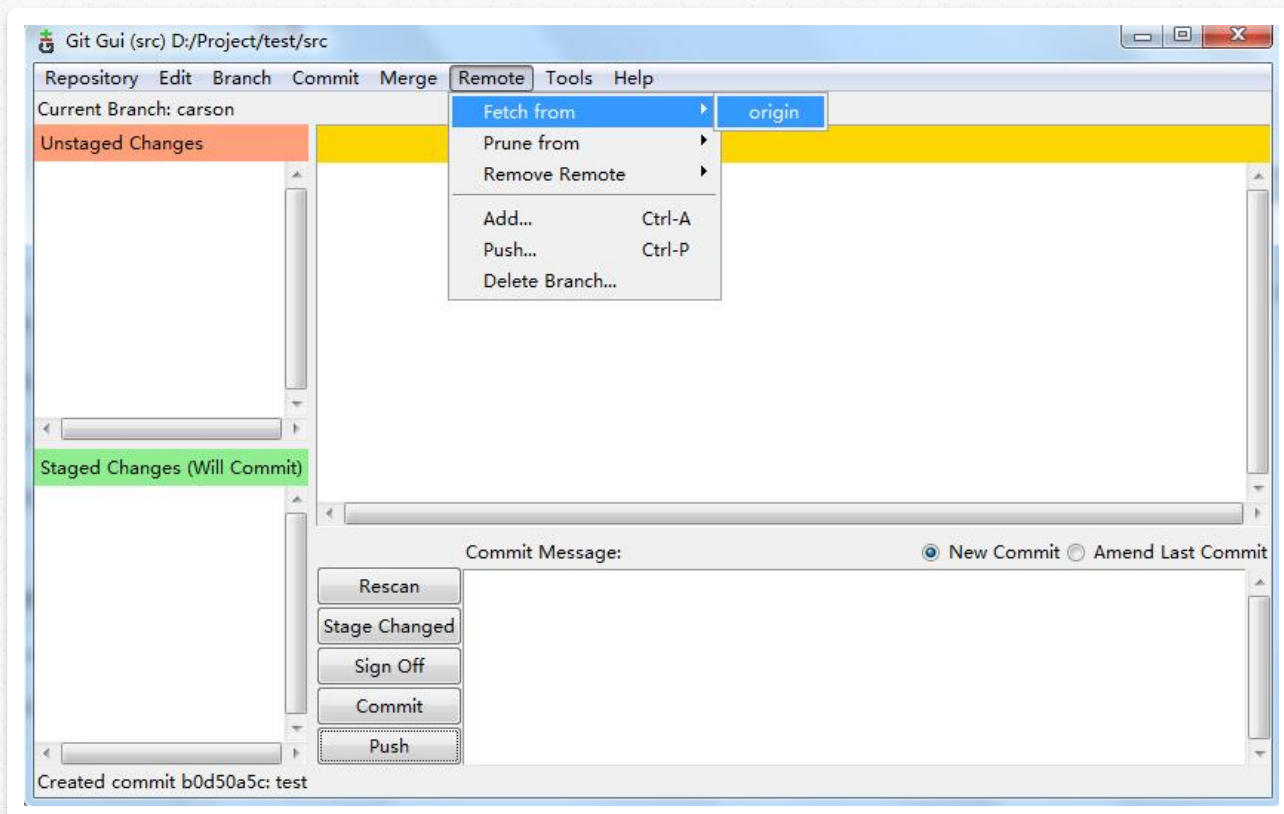


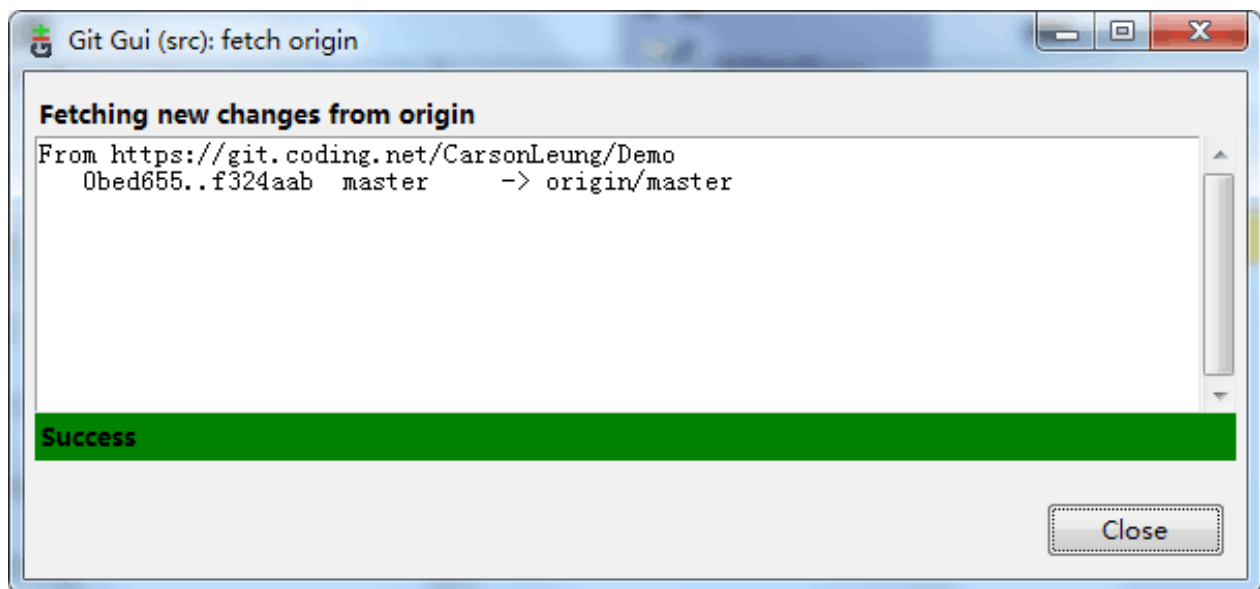
提交

合并完成后,coding的分支页面出现“比默认分支少了n个提交”

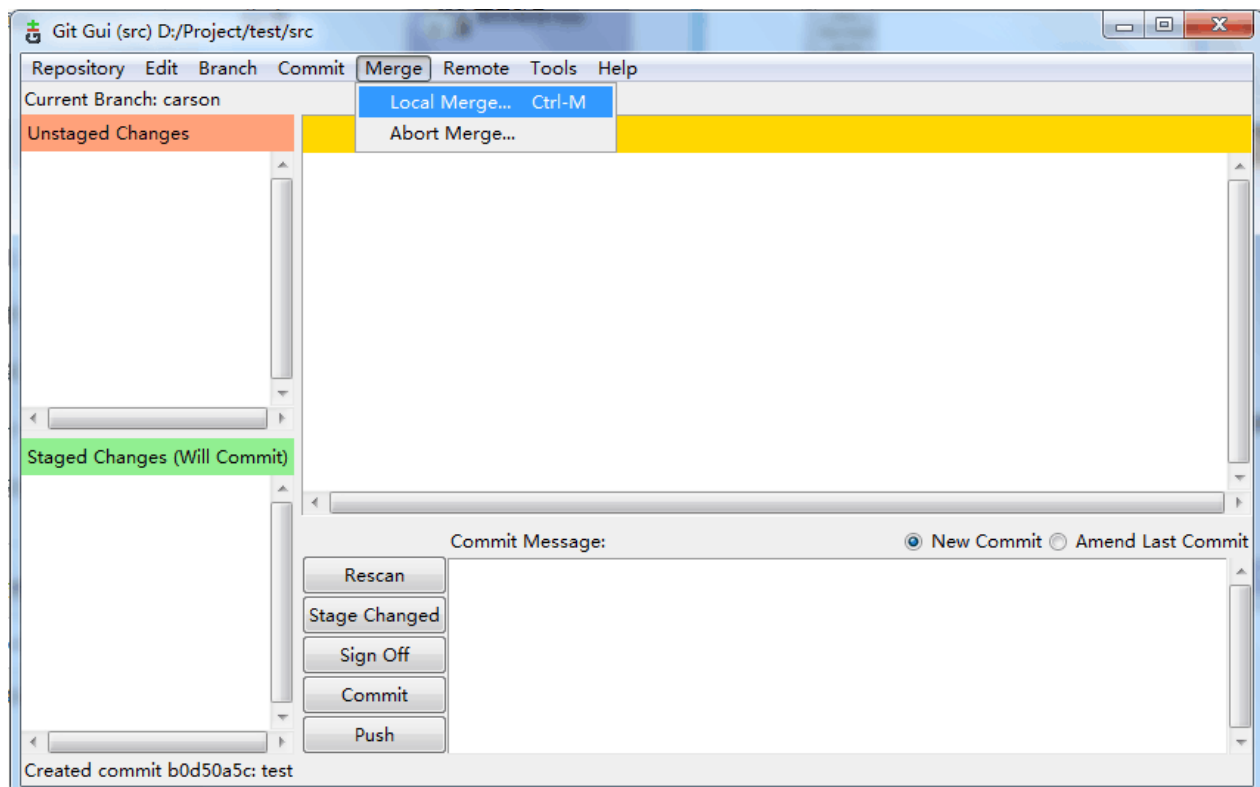


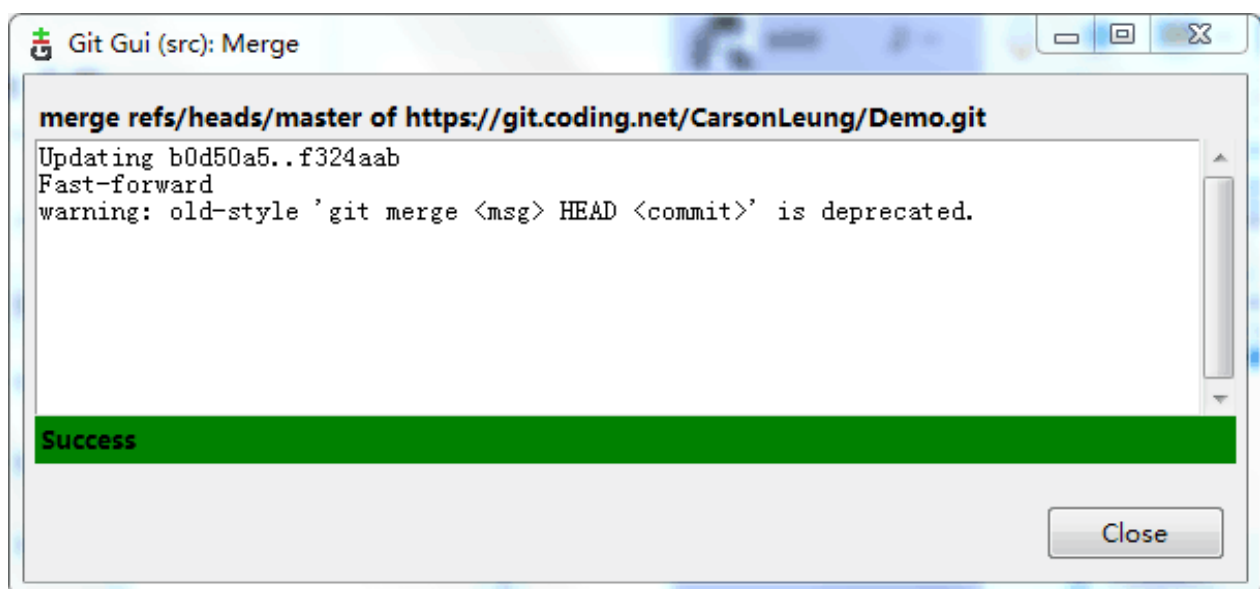
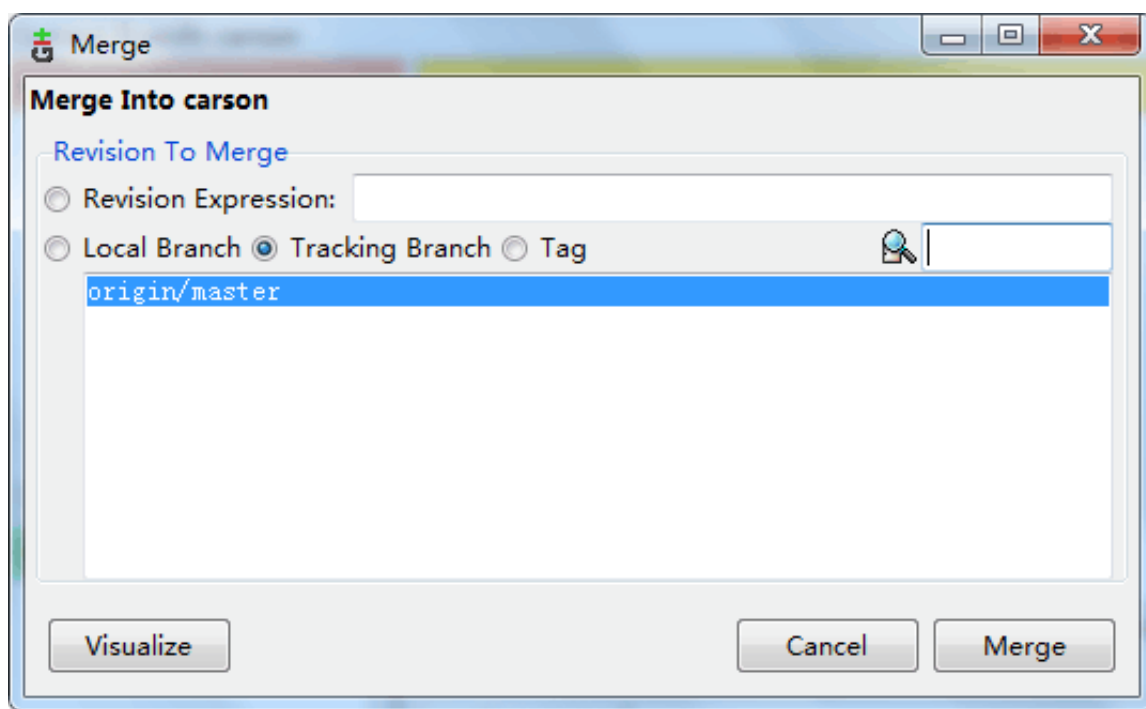
回到Git,重新拉取



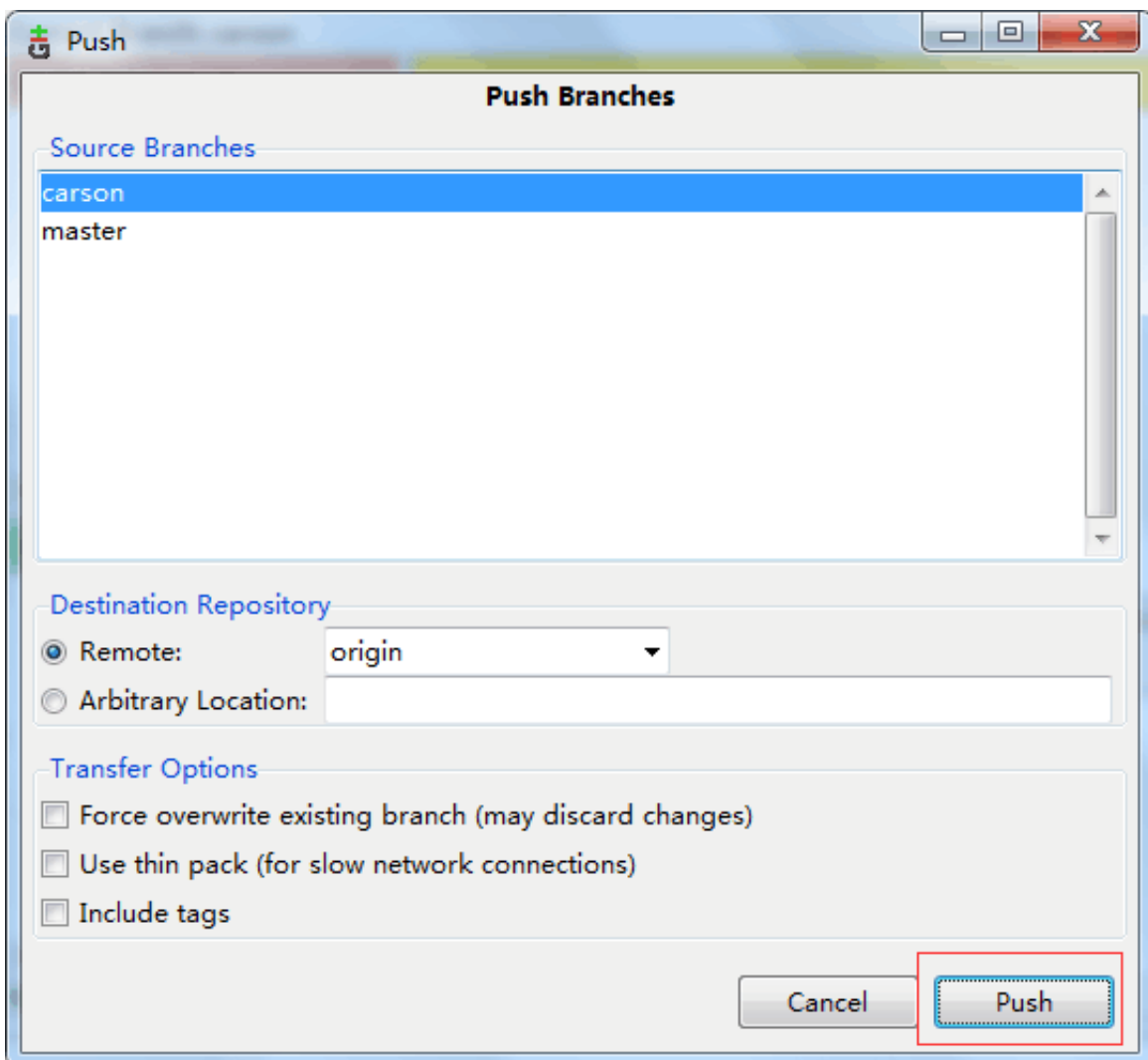
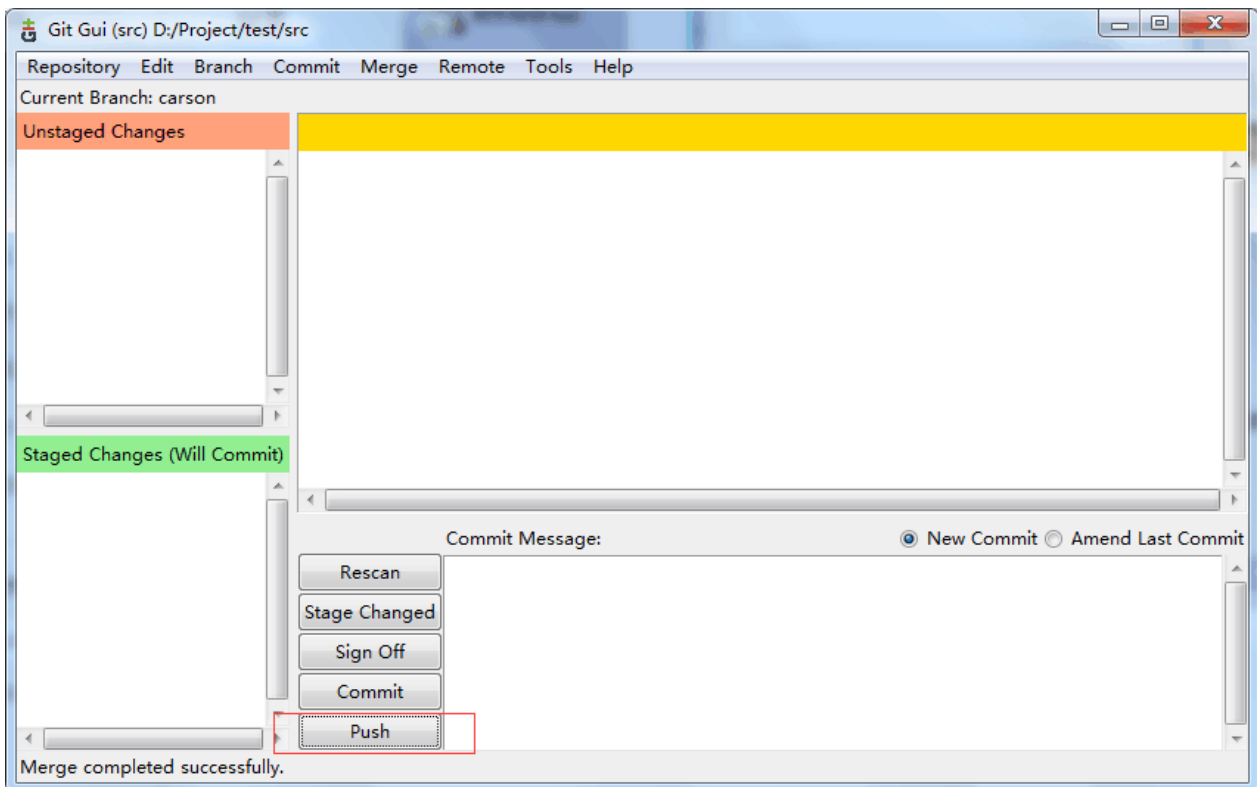


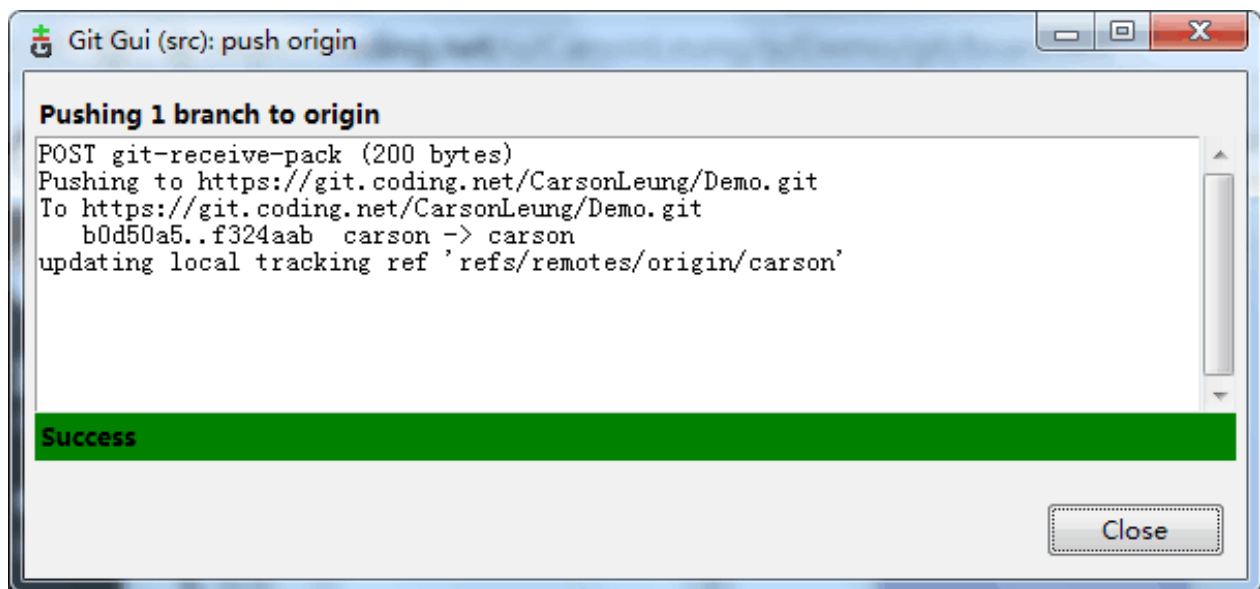
拉取完毕,重新合并到本地





合并到本地完成后, push到自己的coding分支





push成功后,coding的分支则与master主干一致

