

Gulp Tasks

Install

- [Gulp Tasks](#)

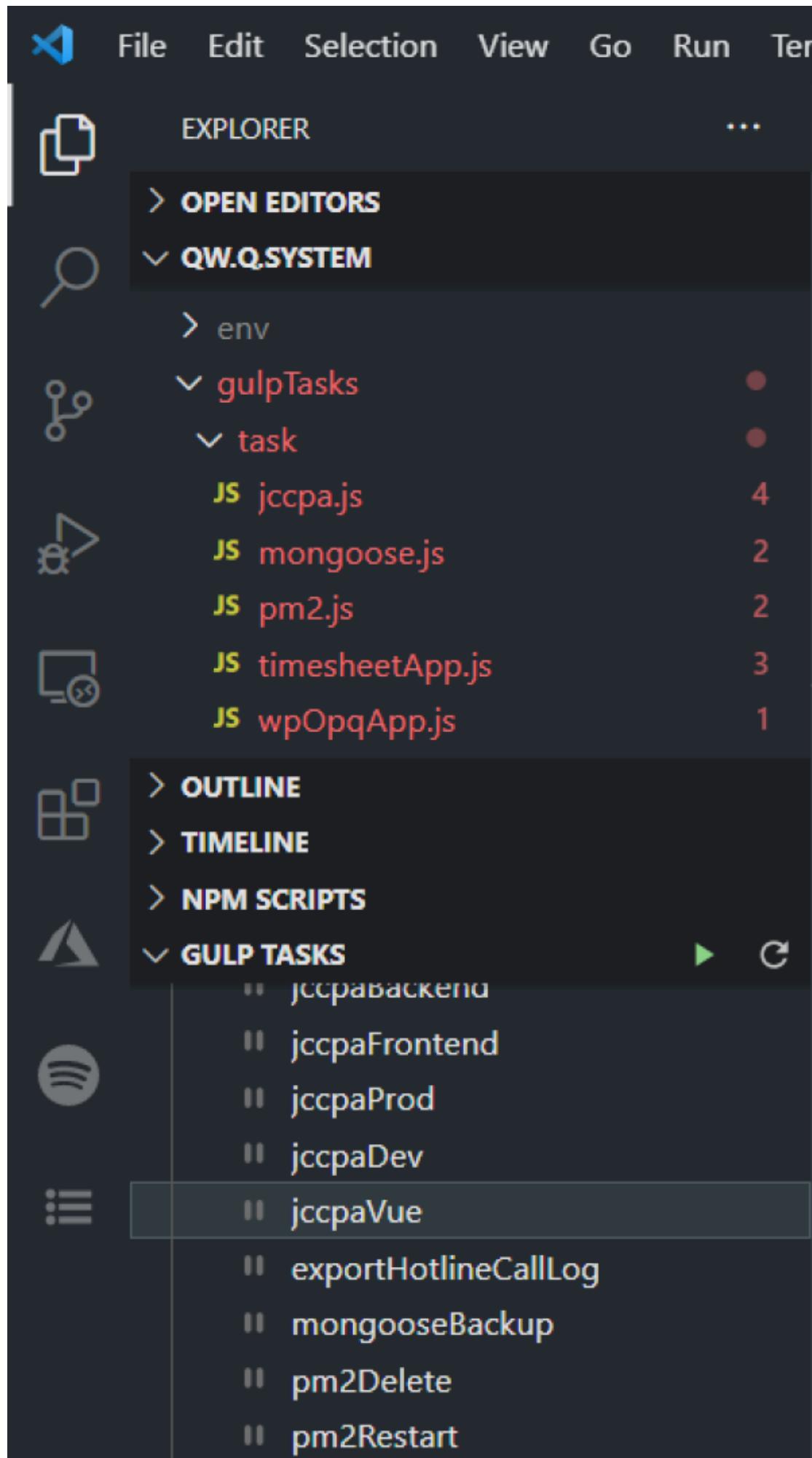
Required

- Install gulp-cli globally

```
npm install -g gulp-cli
```

Example

- When you complete the above steps, you will see the following screen.



The screenshot shows the VS Code interface with the Explorer sidebar open. The sidebar has a dark theme and displays several sections:

- EXPLORER**: Shows a list of files and folders:
 - > **OPEN EDITORS**
 - > **env**
 - > **gulpTasks**:
 - > **task**:
 - JS jccpa.js** (4)
 - JS mongoose.js** (2)
 - JS pm2.js** (2)
 - JS timesheetApp.js** (3)
 - JS wpOpqApp.js** (1)
- OUTLINE**
- TIMELINE**
- NPM SCRIPTS**
- GULP TASKS**:
 - || **jccpaBackend**
 - || **jccpaFrontend**
 - || **jccpaProd**
 - || **jccpaDev**
 - || **jccpaVue**
 - || **exportHotlineCallLog**
 - || **mongooseBackup**
 - || **pm2Delete**
 - || **pm2Restart**

- Select the task and click the green start button to start the task.
- You will see the output of the task in Terminal's OUTPUT.
- You can select the task and click the stop button to stop the task.
- Normal tasks will be automatically disconnected after running. But when doing webpack dev server, the task will be finished first, but the OUTPUT will always be connected.
- In MacOS, click the stop button will disconnect OUTPUT.
- But in Windows will not disconnect OUTPUT. In other words, the app is still running in the background.
 - At this moment, you'd better use the command line to run the gulp task.
 - If you use Gulp Tasks to run the webpack dev server related tasks, you can use some Windows commands to kill the process

```
// open a CMD window

// find the app port, like "8080", the result will show the app's pid
netstat -ano |findstr "port"

// kill the process according to the pid
taskkill /f /t /im "pid"
```

Problem

If you encounter the following problems, please try

```
//project dependent download
npm install gulp --no-fund
```

```
PS D:\0workspace\questwork\qsystem> gulp
gulp : 无法将“gulp”识别为 cmdlet、函数、脚本文件或可运行程序的名称。请检查名称的拼写
, 如果包括路径, 请确保路径正确, 然后再试一次。
+ gulp
+ ~~~
+ CategoryInfo          : ObjectNotFound: (gulp:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

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