

Callbacks



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ActivitiesVisual Studio CodeTue 12:4085.9b/s584b/s

index.js - Applications - Visual Studio Code

FileEditSelectionViewGoRunTerminalHelp

JS index.js

03. Callbacks > async-demo > JS index.js > getRepositories > setTimeout() callback

```
1 console.log('Before');
2 const user = getUser(1, (user) => {
3   console.log('User', user);
4
5   // Get the repositories
6   getRepositories(user.gitHubUsername, (repos) => {
7     console.log('Repos', repos);
8   });
9 });
10 console.log('After');
11
12 function getUser(id, callback){
13   setTimeout(() => {
14     console.log('Reading a user from the database...');
15     callback ({ id: id, gitHubUsername: 'ankit'});
16   }, 2000); // Wait of two seconds
17 }
18
19 function getRepositories(username, callback) {
20   setTimeout(() => {
21     console.log('Calling GitHub API...');
22     callback (['repo1', 'repo2', 'repo3']);
23   }, 2000); // Wait of two seconds
24 }
```

DEBUG CONSOLEPROBLEMS4OUTPUTTERMINAL

3: node

```
dandy@My-Ubuntu:~/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/03. Callbacks/async-demo$ nodemon index.js
[nodemon] 2.0.2
[nodemon] to restart at any time, enter `rs`
[nodemon] watching dir(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node index.js`
Before
After
Reading a user from the database...
User { id: 1, gitHubUsername: 'ankit' }
Calling GitHub API...
Repos [ 'repo1', 'repo2', 'repo3' ]
[nodemon] clean exit - waiting for changes before restart
```

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