

Creating Settled Promises








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Activities

Visual Studio Code

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Fri 01:31

promise-api.js - Applications - Visual Studio Code

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EXPLORER

OPEN EDITORS

JS promise-api.js 09. Creating Settled Promises/...

APPLICATIONS

> 01. Synchronous Vs Asynchronous Code

> 02. Patterns For Dealing With Asynchronous ...

> 03. Callbacks

> 04. Callback Hell

> 05. Named Functions To Rescue

> 06. Promises

> 07. Replacing Callbacks With Promises

> 08. Consuming Promises

09. Creating Settled Promises

async-demo

package.json

JS promise-api.js

README.md

> 10. Running Parallel Promises

> 11. Async And Await

> 12. Exercise

README.md

OUTLINE

TIMELINE

JS promise-ap... X

09. Creating Settled Promises > async-demo > JS promise-api.js > ...

1 const p = Promise.resolve({ id: 1});

2 p.then(result => console.log(result));

DEBUG CONSOLE PROBLEMS OUTPUT TERMINAL

3: bash

dandy@My-Ubuntu:~/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/09. Creating Settled Promises/async-dem

o\$ node promise-api.js

{ id: 1 }

dandy@My-Ubuntu:~/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/09. Creating Settled Promises/async-dem

o\$

master* ↺ 0 0 0 ✓ javascript | ✓ promise-api.js

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Activities

Visual Studio Code

promise-api.js

Fri 01:34

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JS promise-api.js

09. Creating Settled Promises > async-demo > JS promise-api.js > ...

```
1 // const p = Promise.resolve({ id: 1});
2 // p.then(result => console.log(result));
3
4 const p = Promise.reject(new Error('reason for rejection...'));
5 p.catch(error => console.log(error));
```

DEBUG CONSOLE PROBLEMS OUTPUT TERMINAL

3: bash

```
dandy@My-Ubuntu:~/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/09. Creating Settled Promises/async-demo$ node promise-api.js
Error: reason for rejection...
    at Object.<anonymous> (/home/dandy/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/09. Creating Settled Promises/async-demo/promise-api.js:4:2)
6)
    at Module._compile (module.js:652:30)
    at Object.Module._extensions..js (module.js:663:10)
    at Module.load (module.js:565:32)
    at tryModuleLoad (module.js:505:12)
    at Function.Module._load (module.js:497:3)
    at Function.Module.runMain (module.js:693:10)
    at startup (bootstrap_node.js:188:16)
    at bootstrap_node.js:609:3
dandy@My-Ubuntu:~/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/09. Creating Settled Promises/async-demo$
```

master* 0 0 javascript | promise-api.js

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Activities

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JS promise-api.js

09. Creating Settled Promises > async-demo > JS promise-api.js > p

1 // const p = Promise.resolve({ id: 1});

2 // p.then(result => console.log(result));

3

4 // const p = Promise.reject(new Error('reason for rejection...'));

5 // p.catch(error => console.log(error));

6

7 const p = Promise.reject('reason for rejection...');

8 p.catch(error => console.log(error));

DEBUG CONSOLE

PROBLEMS

OUTPUT

TERMINAL

3: bash

dandy@My-Ubuntu:~/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/09. Creating Settled Promises/async-demo\$ node promise-api.js

reason for rejection...

dandy@My-Ubuntu:~/Keep/GitHub Repositories/Node.js/06. Asynchronous JavaScript/Applications/09. Creating Settled Promises/async-demo\$

master*

0 0 0

✓ javascript | ✓ promise-api.js

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UTF-8

LF

Babel JavaScript

JavaScript Standard Style