

JavaScript

Start →

JS Promises

handle multiple promises in javascript

Tips & learning
resources.

JS

Promise.all()

Waits for all the promises to be resolved or any to be rejected.

```
Promise.all(requests)
  .then(resArray => {
    // do something with the responses
  })
  .catch(error => {
    // handle error
  })
```

How to?

To handle promises **running concurrently** you need to **push them into an array**. Then use the **methods** available in the next slides to handle different type of cases.

```
let requests;  
  
requests.push(fetch("api.dev.com/users"));  
requests.push(fetch("api.dev.com/repos"));  
requests.push(fetch("api.dev.com/repos"));
```

Promise.allSettled()

Wait until all promises have settled (each may **resolve** to **reject**)

```
Promise.allSettled(requests)
  .then(resArray => {
    // do something with the responses
  })
  .catch(error => {
    // handle error
  })
```

Promise.race()

Wait until any of the promise is **resolved** or **rejected**

```
Promise.race(requests)
  .then(resArray => {
    // do something with the responses
  })
  .catch(error => {
    // handle error
  })
```