Asynchronous Programming

Week 3: Async / Await

Async / Await

Async / Await are a simpler way of working with promises.

```javascript
async function getValue() {
  return 1;
}

getValue().then(console.log); // 1
```

```javascript
function getValue() {
  return Promise.resolve(1);
}

getValue().then(console.log); // 1
```

```javascript
async function multiply() {
  return 2
}


async function getValue() {
  const multiplier = await multiply();


  return 1 * multiplier;
}

getValue().then(console.log); // 2;
```

```
async function multiply() {
  return 2
}


async function getValue() {
  return multiply().then(multiplier => multiplier * 1);
}


getValue().then(console.log); // 2;
```

Examples!

Promise.all

Allows you to wait until multiple promises have finished resolving.

```
fetch('/repos')
  .then(response => response.json())
  .then(repositories => {
    return repositories.filter(filterRepositories);
  });
```

Excercise time!

Until 13:50

What was challenging for your group?
What is the most helpful thing you've learned?

Break Time!

Back at 14:30

Integrate!

Excercise time!

Until 15:45

What was challenging for your group?
What is the most helpful thing you've learned?

TODO lists!

- Group project
- Atleast one class
- Async/Await
- Extra challenge: Deployment!

Wednesday Review

- Remember to post your weekly Check-Ins.
- Evening review call will be posted on Slack.