Lecture 6 - Async - Handout

Additional materials:

Event loop:

Philip Roberts explaining the EventLoop: <u>https://www.youtube.com/watch?v=8aGhZQkoFbQ</u> His event loop simulator: <u>http://latentflip.com/loupe/</u>

Promises:

Promise documentation: <u>https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Promis</u> <u>e</u>

Promise tutorial: https://javascript.info/promise-basics

Promise tutorial s with an example of advanced features of BlueBird (promise library) <u>https://hackernoon.com/understanding-promises-in-javascript-13d99df067c1</u>

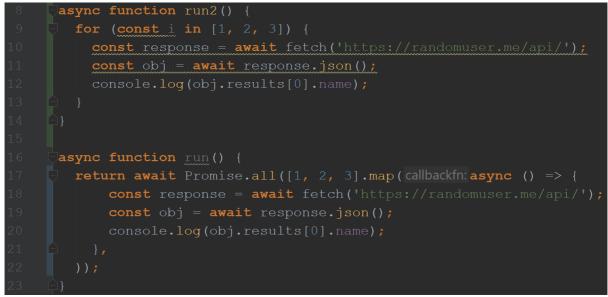
Railway oriented programming: <u>https://fsharpforfunandprofit.com/rop/</u> Video is linked on the linked page...

There are loads of other videos on youtube taking on Promises. Here's one of them: FunFunFunction promise tutorial: https://www.youtube.com/watch?v=2d7s3spWAzo

(There's a second page...)

Async / Await

An amazing async/await tutorial with an example of why you might want to avoid it. The difference between these pieces of code is explained there:



https://hackernoon.com/understanding-async-await-in-javascript-1d81bb079b2c

There are loads of other videos on youtube taking on Async/Await. Here's one of them: FunFunFunction async / await tutorial <u>https://www.youtube.com/watch?v=568g8hxJJp4</u>