MODULE 1
1.1 - WHAT IS NODE?

- Node - a **JavaScript Runtime Environment**
- Can run on different platforms (Mac, Windows, etc.)
- Originally released in 2009 by Ryan Dahl

Non-blocking (asynchronous) I/O

Synchronous ("blocking") code

```
const fs = require("fs");
const data = fs.readFileSync("/file.md");
moreWork();
```

`moreWork()` will run only after the *entire* file is read

Asynchronous ("non-blocking") code

```javascript
const fs = require("fs");
let data;
fs.readFile("/file.md", (err, res) => {
  if (err) throw err;
  data = res;
});
moreWork();
```

moreWork() will run *while* the file is being read

npm

- Online repository for the publishing of Node Projects
- Command line utility for interacting with the **npm** repository

Installing Node - https://nodejs.org

Check version of node installed with `node -v`

Check version of npm installed with `npm -v`