Dependencies we'll use:

Babeljs.io - require hook
- npm install -D babel-register
- npm i -D babel-preset-env babel-eslint
- npm i -D eslint
- npm i -D eslint-configs-airbnb-base eslint-plugin-import eslint-plugin-jest
- npm i -D jest

babel-eslint
babel-preset-env
babel-register
] - transpiling

eslint
eslint-configs-airbnb-base
eslint-plugin-import
eslint-plugin-jest
] - linting
] - Test driven development.
jest
npm i winston@next

Transpiler - Allows JS to be converted to be usable on every browser (ex. a browser that only supports ES5)

touch .babelrc

eslintrc.json

/ index.js → transpiling
src/
main.js → Entry point of our app
lib/ → Packages / other modules
JEST
→ __test__/test.test.js

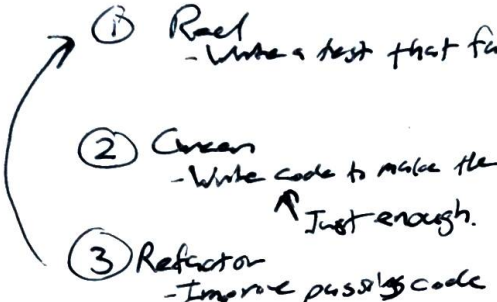
Test Driven Development

Cons

Takes time
New Skill

Pros

Reduces manual testing
Reduces Bugs
Refactoring
Faster development



Jest

Describe

Groups a set of tests

Test

Single test

Expect

Verify values/conditions

Ignore

4/16/18

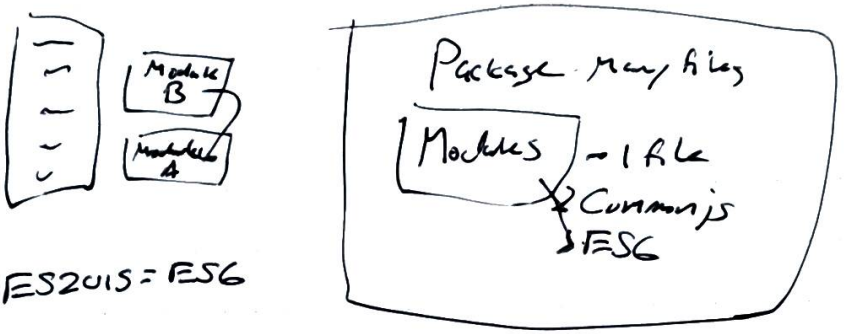
Lab Submissions
- 3 attempts to submit labs.
- 10 day window to submit
- No submissions on week 5 or week 10.

Late Assignments → 80% max.
20% or more to avoid late penalties

Code Coverage Requirement
Week 1 - 60%
2 - 70%
3 - 80%
4 - 90%

Big no-no list:
- Linter Errors
- No tests

How do we organize our code?



ES2015 = ES6

tree
- src → All our code
  - lib → libraries
  - Main.js - Entry point for our code
  - index.js