**How to Transpile ES6 to ES5**

1. Create package.json file in project

npm init

Fill in the info – minimum you should put in is a title and description. Title will be related to the project you are working on e.g. waltham-forest.

1. Install correct npm packages – use command line in project

npm install babel-cli -D

npm install babel-preset-env -D

The -D at the end of the command instructs npm to add them to devDependencies property in package.json

Adding an npm package will create a folder called node\_modules which will include that module and all dependencies. Likely hundreds of them.

1. Create .babelrc file using command line

touch .babelrc

Open the file and add the following:

{ "presets": ["env"] }

1. Add ‘build’ property to ‘scripts’ object in package.json

"scripts": {

"test": "echo \"Error: no test specified\" && exit 1",

"build": "babel src -d lib" – this is the bit your adding

}

babel – the command line responsible for running the code

src – instructs babel to transpile the code in src folder – could be the name of any folder you chose

-d – instructs babel to write the code to a directory

lib – the name of the directory you want to write to (if it doesn’t exist it will create it).

1. Run the script you just created – this will transpile the code from ES6 to ES5 and save it in the lib folder.

npm run build

Runs the build script in package.json