Angular2 file descriptions and Bootstrap Process

\*This is assuming the new project was created using the angular-CLI and the default files were created for you

tslint.json

First of all, we should explain what TSLint is. TSLint basically checks TypScript code quality. TypeScript is what Angular2 is written in before it is compiled to JavaScript. Hence the .ts files. While you type in your code editor, you could install a TSLint extension that will check you code to ensure it is correct by showing errors for incorrect syntax, declarations, imports, etc…

The tslint.json file can be thought of as the settings or rules that the TSLint extension uses to find these errors. “The configuration file specifies which rules are enabled and their options” (chrismbarr, 2017). More detailed information can be found here: <https://github.com/palantir/tslint#supported-rulesNow>. When the angular-CLI compiles a project for you, it seems to validate the typescript using a TSLint of its own, so it’s important to ensure that the code editor and typescript versions are the same.

References

chrismbarr. (2017). *An extensible linter for the TypeScript language.* Retrieved from https://github.com/palantir/tslint#supported-rules