

Getting Prettier, ESLint and Vscode to work together

[#prettier](#) [#eslint](#) [#vscode](#) [#javascript](#)

For quite a while I've tried getting Prettier, ESLint and Vscode to work together, but never found a solution that satisfied me. Now, as I'm working on a new React project in my day job, I finally found some time to make it work.

Wait what are ESLint and Prettier?

ESLint is a javascript linter that can help you find syntax or other errors. ESLint can be extended by plugging in pre-defined configs or completely configuring it yourself. Paired with the plugin for vscode, it can show you errors as you type.

Prettier is a code formatter for [quite a few languages](#), including javascript. You can have code being automatically or optionally formatted with it.

Prerequisites

I assume you have basic knowledge about NPM and Vscode, as I won't cover it here.

You need to have:

- Vscode installed
- NodeJS and NPM installed

Install Vscode plugins

First of all install the Vscode plugins [ESLint](#) and [Prettier - Code formatter](#) and make sure they're enabled.

Install dependencies

```
npm i -D eslint eslint-config-prettier eslint-plugin-prettier  
prettier
```

Setup the config files

Create an **.eslintrc** file in your project root.

In here we basically tell ESLint to:

- Extend from the recommended prettier config
- Register the Prettier plugin we installed
- Show Prettier errors as errors

```
{
  "extends": [
    "plugin:prettier/recommended"
  ],

  "plugins": ["prettier"],

  "rules": {
    "prettier/prettier": "error"
  }
}
```

Note: Your eslint config can include many more rules. I'm keeping it simple and easy to grasp.

Next create a **.prettierrc** file in your project root.

You can tweak these settings, or [add new ones](#) as you like:

```
{
  "semi": true,
  "singleQuote": true,
  "tabWidth": 2,
  "useTabs": false
}
```

Enable formatOnSave in Vscode

Look for **formatOnSave** and check the checkbox, or add this line to settings.json:

```
"editor.formatOnSave": true,
```

Try it out

If you kept the **.prettierrc** file like above, Vscode should now:

- indent your code with 2 spaces

- use single quotes instead of double
- add semicolons add the end of each line

If you're having trouble try restarting Vscode.