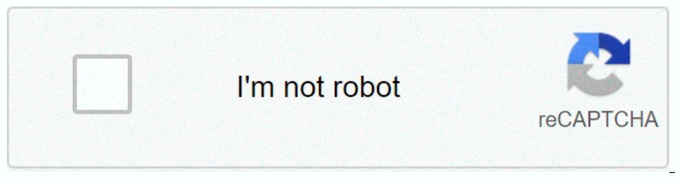

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Visual studio code js formatter

Forming code consistently is a challenge, but modern developer tools automatically maintain consistency based on your team's code. In this article, you set up Prettier to automatically format your code in Visual Studio Code, also known as VS Code. For demonstration purposes, here is the example of code you will format: const - James; person const-first: name -console.log (person); const sayHelloLinting - (fName) - console.log ('Hello linting, $'fName') - sayHelloLinting ('James'); If you know how code formatting, you may notice a few missteps: a mixture of simple and double quotes. The first property of the person's object must be on its own line. The console statement inside the function must be indented. You may or may not like the optional bracket surrounding the arrow function setting. Preconditions To follow this tutorial, you will need to download and install Visual Studio Code. To work with Prettier in Visual Studio Code, you will need to install the extension. To do this, look for Prettier - Code Formatter in the VS Code extension panel. If you install it for the first time, you'll see an installation button instead of the uninstall button displayed here: Step 1 — Using the format document command with the prettier extension installed, you can now use it to format your code. To begin with, let's explore the use of the Document format command. This command will make your code more compatible with formatted spacing, online packaging and quotes. To open the range of commands, you can use COMMAND - SHIFT - P on macOS or CTRL - SHIFT - P on Windows. In the control palette, look for the format, then choose document format. You may then be asked to choose the format to use. To do this, click the Set up button: choose Prettier - Code Formatter. Note: If you don't see a prompt to select a default format, you can manually change it in your settings. Set Editor: Default formatter at ebsenp.prettier-vscode. Your code is now formatted with spacing, line packaging, and consistent quotes: const's name 'James'; const person - first: name; console.log (person); const sayHelloLinting - (fname) - console.log ('Hello linting, $'fName'); ' sayHelloLinting ('James'); It also works on CSS files. You can turn something with inconsistent indentation, braces, new lines and semincos into well-formatted code. For example: body 'color: red; 'h1' color: purple; font-size: 24px 'Will be reformatted as: body 'color: red; 'h1' color: purple; font-size: 24px; 's Now that we've explored this let's look at how this can implement me to run automatically. Step 2 — Format the code to Save Until now, you've had to manually execute an order to format your code. To automate this process, you can choose a setting in VS Code so that your files are automatically formatted when you save. This also ensures that the code is not checked at the version control that is not formatted. To change that Tap COMMAND, macOS or CTRL, Windows to open the Settings menu. Once the menu is open, look for the editor: format on Save and make sure this option is verified: once it's set, you can write your code as usual and it'll be automatically formatted when you save the file. Step 3 — Changing the prettier configuration settings Prettier does a lot of things for you by default, but you can also customize the settings. Open the Settings menu. Then look for Prettier. This will bring out all the settings you can change: Here are some of the most common settings: Single Quote - Choose between single and double-quotes. Semi - Choose whether or not to include semi-cede at the end of the lines. Width tab - Specify how many spaces you want a tab to insert. The downside of using the menu settings built into VS Code is that it doesn't ensure consistency between your team's developers. Step 4 — Creating a prettier configuration file If you change the settings of your VS code, someone else might have an entirely different configuration on their machine. You can establish a consistent formatting within your team by creating a configuration file for your project. Create a new file called .prettierrc.extension with one of the following extensions: Here's an example of a simple configuration file using JSON: trailingComma: es5, tabWidth: 4, semi: fake, singleQuote: real - For more details on configuration files, check out the Prettier Docs. After creating one of them and checking it out in your project, you can make sure that each team member follows the same fitness rules. Finding Having a consistent code is good practice. It is especially beneficial when working on a project with several collaborators. Agreeing on a set of configurations helps in legibility and understanding of the code. More time can be spent solving difficult technical problems instead of fighting solved problems like code indentation. Prettier ensures consistency in your code formatting and makes the process automatic. Certainly, when people write code use the default tool or use external libraries to format the code. Of which, Prettiest is probably the most used of you. Today's article I'll share with you how I use Prettier.Code Formatter? This section is for those who do not know, you see the code below is the original code. And after running, it'll just be online like this. Integrated with Visual Studio Code, I usually code with VSCode. Normally, you can use the built-in document tool by clicking on Shift - F (MacOS) or Shift - Alt - F (the rest of the world). If you like using Prettier, go to the extension, type Prettier and choose Prettier - Code Formatter. Then press Install. During use, there may be a dispute between the default trainer and Prettier. We'll ask you what's next. Then you choose Prettier or another. If Visual Studio Code you can go to the settings, type the default trainer and choose the default trainer as ebsenp.prettier-vscode.Configure for each project If you don't like using a Prettier setup for all projects. You can create a .prettierrc file located in the root folder of the project. Such a rule, for example. With the way above, you only set up 1 type of file but will affect another type. As the above configuration code is for JavaScript, but HTML is also affected accordingly. You can refer here to set up 2 different types of files. Set up pre-commit crochet If you are lazy, it is possible that before committing, it will perform a trick by setting up the pre-commit crochet. You can refer here. I'm pretty quick. First, you install the package later. yarn add husky pretty fast - dev Then you config the crochet part in the package.json file as follows. Skip a few files You can simply create a file called .prettierignore located in the root folder of the project. In terms of syntax, it is similar to James Quick, How to format the code with Prettier in Visual Studio Code In this article, I will focus on a list of must-have VS code extensions for JavaScript developers. Visual Studio Code (VS Code) is without a doubt the most popular and lightweight code editor today. It borrows a lot from other popular code publishers, mainly Sublime Text and Atom. However, its success stems mainly from its ability to provide better performance and stability. In addition, it also provides much-needed features like IntelliSense, which were only available in full-size IDE like Eclipse or Visual Studio 2017. The power of VS Code undoubtedly comes from the market. Thanks to the wonderful open-source community, the publisher is now able to support almost all programming languages, framework and development technology. Support for a library or framework is done in different ways, which mainly includes snippets, syntax highlights, Emmet and IntelliSense features for this specific technology. VS code extensions by category For this article, I'll focus on extensions vs. code specifically targeting JavaScript developers. Currently, there are many extensions vs. code that fit this criterion, which of course means I won't be able to mention them all. Instead, I'll highlight the extensions vs. code that have gained popularity and those that are indispensable for JavaScript developers. For simplicity's sake, I will group them into ten specific categories. Extract Extensions When you install vs. code for the first time, it comes with some built-in snippets for JavaScript and Typescript. Excerpts help you quickly write repetitive code. However, you may find that these may not be enough. You can easily create your own, or you can simply install an extension that includes a bunch of useful new snippets. A quick tip if you want excerpts to display in addition to suggestions is to use this configuration: editor.snippetSuggestions: top - here are some of the most popular extract extensions for JavaScript developers. However, I would like to you only install one for simplicity. JavaScript code excerpts (ES6), by Charalampos Karypidis. This is currently the most popular extracted javaScript extension with more than 3 million installations to date. This extension provides ES6 syntax for JavaScript, TypeScript, HTML, React and View. All excerpts include a half-point end. JavaScript code excerpts (ES6) in StandardJS style, by James Vickery. This is essentially a range of the above extension for those who prefer StandardJS style convention, i.e., the excerpts do not have semicolons. JavaScript standardjs style extracts, by capaj. Another StandardJS Styled excerpts, but this one is more popular with over 72k installs. Originally forked from Atom StandardJS excerpts. Contains a huge collection of handy excerpts and supports JavaScript, TypeScript and React. JavaScript Snippets, by Nathan Chapman. A collection of JavaScript extracts with about 33k - installs to date. This extract extension supports .js nodes, BDD test frames such as Mocha and Jasmine. Atom JavaScript Snippet, by Saran Tanpituckpong. With about 26k installs to date, the extracts of this extension have been worn from the atom/language-javascript. JavaScript excerpts from the atom/language-javascript extension. Syntax Highlighting Extensions The latest version of VS Code supports better syntactic colorization and is now more compliant with the standards set out in atom grammar. As a result, extensions such as JavaScript Atom Grammar are no longer needed. However, we still have some syntax highlight extensions that are very useful when it comes to certain types of projects and file extensions. Here are a few: Babel JavaScript, by Michael McDermott. With more than 550k installs to date, this extension provides syntax highlighting for ES201x JavaScript, React, FlowType and GraphQL code. DotENV, by 833,737. With more than 833k installations to date, this extension supports syntax highlighting for environmental settings - that is, files .approx. Bracket Pair Colorizer 2, by CoenraadS. With 730k- installs, this extension highlights the corresponding media with different colors, helping you identify which medium belongs to which block. Linter Extensions Have you ever had a debate with your teammates about tabs vs spaces or semi-colons vs. no semi-colons? You will realize that people have strong opinions about the coding style to use. Nevertheless, everyone on the same team should use the same coding style regardless of their opinion. However, it is quite common for programmers to forget what coding style they have agreed to work with. To enforce the rules, you need to use linters that compare your code with the rules you've established. You set your rules by choosing a popular coding style such as Standard, Google and Airbnb. You can use them as is or use a configuration file to customize the rules. VS Code doesn't have built-in JavaScript, so you'll need to install an extension. Here are the extensions we have available: ESLint, by Dirk Baeumer. With 8 million installations is the most popular extension providing support for the ESLint library. For the extension to work, your project will require the installation of ESLint packages and plugins. You will also need to specify a .eslintrc, which will specify the rules that the extension will use to link your code. JSHint, by Dirk Baeumer. With more than 1.2 million installation, this extension supports linting with the JSHint library. A .jshintrc configuration file is required for the extension to fluff your code. StandardJS - JavaScript Standard Style, by Sam Chen. This extension (259k installs) simply integrates JavaScript Standard Style into VS Code. You will need to install standard or semiStandard as a development dependency in your project. No configuration files are required. You'll need to disable the built-in VS Code validator for this extension to work. JSLint, by Andrew Hyndman. This extension provides linting with the JSLint library. You will need to install jslint locally or globally for the extension to work. It has 109k installs to date. If you want an overview of the available linters and their pros and cons, check out our comparison of JavaScript linting tools. Knot Package Management Extensions Every JavaScript project needs at least one npm package, unless you're someone who likes to do things the hard way. Here are some extensions vs. code that will help you work with management and working with npm packages more easily. npm, by egamma. With more than 2.3 million installations, this extension uses package.json to validate installed packages. If something is missing or if the versions are mismatched, the extension will provide you with clickable options to fix the problem. In addition, you can also run npm scripts set in package.json just inside the editor. IntelliSense, by Christian Kohler. With 1.9 million installations, this extension provides automatic decomposing npm modules in import statements. Path IntelliSense, by Christian Kohler. With 2.7 million installations, this extension automatics file names. It also works inside HTML and CSS files. Node exec, by Miramac. With 168k installs, this extension allows you to run the current file or your selected code with Node.js by tapping F8 on your keyboard. You can also cancel an execution process by tapping F9. See node package by Dominik Kundel. With 55k installs, this extension allows you to quickly view a bundle source of nodes and documentation while you work with your code. Node Readme, by bengreenier. With 52k-installs, this extension allows you to quickly open a npm package documentation just inside the VS Code editor as a Separate. Search node_modules, by Jason Nutter. By default, node_modules file is excluded from the integrated VS Code search. With more than 470k installs, this extension allows you to quickly navigate and open files node_modules across the folder tree. Source: vscode-search-node-modulesImport Cost by Wix. This shows how much disk space a package uses when you import it. The extension has 562K -installs. Installs. import-costFormatting extensions Most often, we sometimes write code that is not aligned with the rest of the code. To solve this problem, we need to go back and fix the indentation in each line. In addition, we need to ensure that the pins and labels are properly formatted in a readable format. This process can quickly become tedious. Fortunately, we have extensions that can do the job for us. Please note that not all extensions such as Prettier and Beautify can be active simultaneously. Nice code trainer, by Esben Petersen. This is the most popular extension that supports formatting JavaScript, TypeScript and CSS using Prettier. It has more than 5.7 million installations to date. It is recommended to install more prettier locally as a dev dependency. Beautify, by HookyQR. A jsBeautifier extension that supports JavaScript, JSON, CSS and HTML. It can be customized via a .jsbeautifyrc file. It is now the second most popular trainer, with 4.4 million installations to date. JS Refactor, by Chris Stead. This provides a number of utilities and actions to refactor JavaScript code, such as extracting variables/methods, converting existing code to use arrow functions or model literals, and exporting functions. It has more than 140k facilities to date. JavaScript Booster, by Stephan Burguchev. This is an amazing code refactoring tool. It has several coding actions such as converting var into const or let, removing other redundant instructions, and merging the statement and booting. Largely inspired by WebStorm, it has 74k-installs to date. Source: vscode-javascript-boosterBrowser extensions Unless you're writing a console program in JavaScript, you'll most likely run your JavaScript code inside a browser. This means that you will need to frequently refresh the page to see the effect of each code update you make. Instead of doing it manually all the time, here are some tools that can dramatically reduce the development time of your iteration process: Debugger for Chrome, by Microsoft. With more than 5.2 million installations, this extension allows you to debug your JavaScript code in Chrome, or any other target that supports the Chrome Debugger protocol. If you're new to this extension and unwind in VS Code, check out our VS Code and Chrome debugging tutorial. Source: vscode-chrome-debugLive Server, by Ritwick Dey. This extension allows you to launch a local development server with a live reload function for static and dynamic pages. It has 4.6M install to date. Source: vscode-chrome-debugvscode-live-server on Web Server, by YuichiNukiyama. This provides a web server and a live preview of HTML. Features can be called from a context menu or a publisher menu. It has more than 120k facilities to date. PHP Server, by brapifra. Designed for PHP projects, it is always useful for testing JavaScript code that should only run on the client side. It has 234k installs to date. Rest Client, by Huachao Mao. Instead of using a browser or CURL program to test your REST API settings, you can install this to interactively execute HTTP requests directly inside the editor. It has 834k installs to date. Framework Extensions For most projects, you'll need a proper framework to structure your code and reduce your development time. VS Code has supported most major frames through extensions. However, there are still a number of established frameworks that do not yet have a fully developed extension. Here are some of the app-vs. code extensions that offer significant features. Angular Snippets (Version 9), by John Papa. With more than 1.7 million installations, this is the most popular extract extension for Angular developers. It provides angular snippets for The TypeScript, RxJS, HTML and Docker files. At the time of writing, the extension has been updated to support Angular 9. Angular 8 Snippets - TypeScript, Html, Angular Material, ngRx, RxJS and Flex Layout, by Mikael Morlund. This has excerpts for Angular 2, 4, 5, 6.7 and 8 Beta. It supports Typescript, HTML, Angular Material ngRx, RxJS, PWA and Flex Layout. It contains 242 angular extracts to date, and currently has more than 1.35M installations. ES7 React/Redux/GraphQL/React-Native excerpts, by dsznajder. With more than 1.2 million installations to date, this extension provides JavaScript and TypeScript snippets for React, Redux and Graphql with ES7 syntax. React Native Tools, by Microsoft. This provides intelliSense, commands and debugging features for React Native projects. It has more than 1.2 million facilities to date. React-Native/React/Redux snippets for es6/es7, by EQuimper. This provides

excerpts in the ES6/ES7 syntax for React, React Native, Redux and ES6/ES7 syntax storybook. It has 371k install to date. Vetur, de Pine Wu. This provides syntax highlighting, extracts, emmet, linting, shaping, IntelliSense and debugging support for the View frame. It comes with the appropriate documentation published on GitBook. It has more than 4.2 million installations to date. Ember, by Felix Rieseberg. This provides command support and IntelliSense for Ember. After installation, all ember cli commands are available via VS Code's own order list. It has 18k installs to date. Cordova Tools, by Microsoft. This provides support for Cordova plugins and the Ionic framework, and also provides IntelliSense, debugging and other support features for Cordova-based projects. It has more than 272k facilities to date. jQuery Code Snippets, by Don Jayamanne. This provides more than 130 snippets of jQuery code. It is activated by the prefix jq, and has 700k facilities to date. Testing Extensions Testing is an essential part of software development, especially for projects in the production phase. You can get a view tests in JavaScript and learn more about the different types of tests you can run in our guide, JavaScript Testing: Unit vs Functional vs Integration Tests. Here are some popular code extensions for testing. Mocha sidebar, by maty. This allows you to test using the Mocha library. This extension helps you run tests directly on the code and displays as decorators. It has 68k installs to date. Note that this extension has a number of unresolved issues at the time of writing. ES6 Mocha Snippets, by Cory Noonan. This provides excerpts from Moka in the ES6 syntax. The goal of this extension is to keep the code dry, taking advantage of the arrow functions and omitting curlies by if possible. It can be configured to allow semi-cetons, and has 36k-to-date installs. Jasmine Code Snippets, by Charalampos Karypidis. This offers snippets of code for the Jasmine test frame. It has 30k installs to date. Unfortunately, this extension has not been updated in the last three years at the time of writing. Protractor Snippets, by Budi Irawan. This provides end-to-end test snippets for the Protractor frame. It supports JavaScript and Typescript, and has 18k facilities to date. TDD Node, by Prashant Tiwari. This supports test-driven development for node and JavaScript projects. It can trigger an automatic test version every time the sources are updated. It has 23k installs to date. Source: node-tddAwesome Extensions I'm just putting this next bunch of extensions vs. code in the awesome category, because that describes them best! Quokka.js, de Wallaby.js. An impressive debugging tool that provides a fast prototyping playground for JavaScript code. It comes with excellent documentation, and has over 641k installs. Glue like JSON, by quicktype. This allows you to quickly convert JSON data into JavaScript code, and has over 430k facilities to date. Source: quick-typeCode Metrics, by Kiss Tamus. This is another impressive extension that calculates complexity in javascript and script type code. It has more than 233k facilities to date. Source: codemetricsExtension Packs Now that we've come to our final category, I'd just like to let you know that the VS Code Market has a category for expansion packs. Essentially, these are collections of related extensions vs. code grouped into one package for easy installation. Here are some of the best: Nodejs Extension Pack, by Wade Anderson. This pack contains snippets ESLint, npm, JavaScript (ES6), Search node_modules, NPM IntelliSense and Path IntelliSense. It has more than 293K installed. VS Code for Node.js - Development Pack, by NodeSource. This one has NPM IntelliSense, ESLint, Debugger for Chrome, Code Metrics, Docker and Import Cost. It has more than 103k facilities to date. View.js Extension Pack, by Muhammad Ubaid Raza. This is a collection of View and JavaScript extensions. It currently contains about 12 extensions vs. code, some of which have not been mentioned here, such as self-rename-tag and auto-close-tag. It has more than 156k facilities to date. Ionic Extension Pack, by Loiane This pack contains a number of extensions vs. code for Ionic, Angular, RxJS, Cordova and HTML development. It has about 75k installs to date. The large number of quality extensions of VS Code makes it a popular choice for JavaScript developers. It's never been easier to write JavaScript JavaScript code Extensions such as ESLint help you avoid common errors, while others like Debugger for Chrome help you debug your code more easily. Node-.js extensions, with their IntelliSense features, help you properly import modules, and the availability of tools such as Live Server and CLIENT REST reduces your reliance on external tools to complete your work. All of these tools make your iteration process much easier. I hope this list has been presented to you to new extensions vs. code that can help you in your workflow. Next, learn how to leverage Visual Studio Code to overload your development workflow with our User's Visual Studio Code guide. Guide.

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