



WS **WebStorm**

**WebStorm, intelligent IDE
for JavaScript development**



JetBrains WebStorm is a powerful Integrated development environment (IDE) built specifically for JavaScript developers.

[How does WebStorm match up against competing tools?](#)

[Product versions compared](#)

[Compatibility with Operating systems](#)

[Product feature comparison](#)

[Market/Community comparison](#)

[Platform](#)

[Polyglot Experience](#)

[Accuracy of Comparison](#)

[Sales Contacts](#)

WebStorm helps developers do their work better and be more productive by using the full power of the modern JavaScript ecosystem:

- Build complex user interfaces and client-side applications
- Develop server-side code and utilities with Node.js
- Create mobile applications with React Native and Cordova
- Built desktop applications with Electron.

WebStorm contributes to the developer success by providing a well-designed development workflow throughout the whole software development cycle, thanks to smart capabilities including but not limited to:

Smart code completion, on-the-fly static code quality analysis and instant navigation through the code

Powerful project-wide refactorings

Built-in debugger for JavaScript client-side and server-side code

Seamless integration with a number of widely-used build and test tools

Integration with Git and other version control systems

Wide customization options

To learn more about the product, please visit our website at jetbrains.com/webstorm

How does WebStorm match up against competing tools?

JetBrains has extensively researched various tools to come up with the comparison table below. We tried to make it as comprehensive and neutral as we possibly can. As the products mentioned in the document are being

actively developed and their functionality changes on a regular basis, we consider this comparison valid for specific releases that are indicated in the header of the comparison table.

If you discover any inaccurate items in this table, please contact us at sales@jetbrains.com and we'll update the table as soon as possible.

Product versions compared

Product name	WebStorm	Sublime Text 3	Visual Studio Code	Atom with Nuclide	Eclipse Neon
Version in comparison	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 and Nuclide 0.311	Eclipse Neon

Compatibility with Operating systems

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon
Windows	✓	✓	✓	✓	✓
macOS	✓	✓	✓	✓	✓
Unix	✓	✓	✓	✓	✓

Product feature comparison

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon for JavaScript and Web
Language support					
JavaScript and ECMAScript					
Syntax highlighting	✓	✓	✓	✓	✓
Code completion for keywords	✓	✓	✓	✓	✓
Code completion for objects from the current files	✓	✓	✓	✓	✓
Code completion for language built-in objects	✓	×	✓	×	×
Code completion third-party dependencies	✓	×	✓ with additional plugin	×	×
Code completion for methods, classes, variables, properties from the whole project	✓	×	×	×	×
Built-in static code quality analysis with auto-fix options	✓	×	Limited	×	×
Refactoring options	✓	×	Limited	×	×
Code snippets	✓	✓	✓	✓	✓
Generate/modify code intentions	✓	×	×	×	×
Configurable code style options	✓	Limited out-of-the-box configuration	Limited out-of-the-box configuration	Limited out-of-the-box configuration	✓
Navigation by name, to definition and usages	✓	Limited	Limited	Limited	×

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon for JavaScript and Web
TypeScript					
Syntax highlighting	✓	✓ with additional plugin	✓	✓ with additional plugin	✓ with additional plugin
Code completion for keywords, language built-in objects, methods, classes, variables, properties from the project code and third-party dependencies	✓	✓ with additional plugin	✓	✓ with additional plugin	✓ with additional plugin
Static code quality analysis with auto-fix options	✓	✓ with additional plugin	✓	✓ with additional plugin	✓ with additional plugin
Auto-imports	✓	×	✓	×	×
Refactoring options	✓	×	Limited	×	×
Generate/modify code intentions	✓	×	×	×	×
Configurable code style options	✓	✓	✓	✓	✓
Navigation by name, to definition and usages	✓	✓	✓	✓	✓
HTML					
Syntax highlighting	✓	✓	✓	✓	✓
Code completion for tags and attributes, CSS classes and ids	✓	✓	✓	✓	✓
Code completion for CSS classes and ids	✓	×	×	×	×
Static code quality analysis with auto-fix options	✓	×	×	×	✓
Configurable code style options	✓	Limited	Limited	Limited	✓
Navigation to CSS by class or id	✓	×	×	×	×

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon for JavaScript and Web
CSS, Sass, SCSS Less, Stylus					
Syntax highlighting	✓	✓ with additional plugin	✓	✓	✓ only CSS
Code completion for CSS selectors, properties and values	✓	✓ with additional plugin	✓	✓	✓ only CSS
Code completion for variables and mixins	✓	×	✓	×	×
Static code quality analysis with auto-fix options	✓	×	×	×	×
Refactoring options	✓	×	×	×	×
Configurable code style options	✓	Limited out-of-the-box configuration	Limited out-of-the-box configuration	Limited out-of-the-box configuration	Limited
Navigation by name, to definition and usages	✓	Limited	Limited	Limited	×
Dart					
Syntax highlighting	✓	✓ with additional plugin	✓ with additional plugin	✓ with additional plugin	×
Intelligent code completion for keywords, language built-in objects, methods, classes, variables, properties from the project code and third-party dependencies	✓	✓ with additional plugin	✓ with additional plugin	✓ with additional plugin	×
Static code quality analysis with auto-fix options	✓	✓ with additional plugin	✓ with additional plugin	✓ with additional plugin	×

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon for JavaScript and Web
Dart					
Refactoring options	✓	✓ with additional plugin	✓ with additional plugin	✓ with additional plugin	×
Generate/modify code intentions	✓	✓ with additional plugin	✓ with additional plugin	✓ with additional plugin	×
Configurable code style options	✓	✓ with additional plugin	✓ with additional plugin	✓ with additional plugin	×
Navigation by name, to definition and usages	✓	✓ with additional plugin	✓ with additional plugin	✓ with additional plugin	×
CoffeeScript					
Syntax highlighting	✓	✓ with additional plugin	✓	✓	×
Code completion for keywords	✓	✓ with additional plugin	✓	✓	×
Code completion for objects from the current files	✓	✓ with additional plugin	✓	✓	×
Code completion for language built-in objects, methods, classes, variables, properties from the project code and third-party dependencies	✓	×	×	×	×
Static code quality analysis with auto-fix options	✓	×	×	×	×

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon for JavaScript and Web
CoffeeScript					
Refactoring options	✓	×	×	×	×
Configurable code style options	✓	Limited out-of-the-box configuration	Limited out-of-the-box configuration	Limited out-of-the-box configuration	×
Navigation by name, to definition and usages	✓	×	×	×	×
Node.js					
Intelligent code completion for Node.js APIs and modules	✓	×	×	×	×
Node.js-specific inspections with auto-fix options	✓	×	×	×	×
Running the app from the IDE	✓	×	×	×	×
Coding assistance for frameworks					
AngularJS	✓	×	×	×	×
Angular	✓	×	✓	✓ with additional plugin	×
React	✓	×	Limited	×	×
Vue.js	✓	×	✓ with additional plugin	✓ with additional plugin	×
Meteor	✓	×	×	×	×
Express	✓	×	✓	×	×

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon for JavaScript and Web
Coding assistance for frameworks					
Cordova and PhoneGap	✓	×	✓ with additional plugin	×	×
Ionic	✓	×	×	×	×
React Native	✓	×	✓ with additional plugin	Limited	×
Electron	✓	×	×	×	×
Debugging					
Client-side code with Chrome	✓	×	✓	✓	✓ with additional plugin
Server-side code	✓	×	✓	✓ with additional plugin	✓ with additional plugin
Remote server-side code	✓	×	×	×	×
React Native mobile apps	✓	×	✓ with additional plugin	✓ only iOS	×
Testing					
Integration with Karma, Mocha, Jest, Protractor	✓	×	×	×	×
Tracing and profiling					
Memory and CPU profiling for Node.js apps; tracing for client-side JavaScript apps	✓	×	×	×	×

Feature	WebStorm 2018.1	Sublime Text 3	Visual Studio Code 1.24	Atom 1.27 with Nuclide 0.311	Eclipse Neon for JavaScript and Web
Code quality tools					
Built-in inspections, ESLint, Flow, JSHint, JSLint, JSCS, TSLint, Stylelint, Clojure Compiler	✓	Some supported with additional plugins	Some supported with additional plugins	Some supported with additional plugins	Some supported with additional plugins
Build tools					
Integration with npm, Gulp, Grunt	✓	×	Can create configurations to run tasks	✓ with additional plugin	✓ with additional plugin
REST Client					
	✓	×	×	Option to send HTTP request	×
Terminal					
	✓	✓ with additional plugin	✓	✓ with additional plugin	×
Version Control Systems					
	Git, GitHub, SVN, Mercurial, CVS, Perforce, TFS	Git with additional plugin	Git	Git, GitHub, Mercurial	
Deployment and remote development					
	FTP, FTPS, SFTP, SSH	×	×	SSH	

Market / Community comparison

Pricing	
WebStorm	
Distribution type	USD 129 in the 1st year USD 103 in the 2nd year USD 77 per year after Support from JetBrains is included
Sublime Text 3	USD 70 per perpetual license with no support
Visual Studio Code	Free, provided AS IS. Comes with no support
Atom with Nuclide	Free, provided AS IS. Comes with no support
Eclipse Neon	Free under Eclipse Public License. Comes with no support

To see prices in other currencies, please visit jetbrains.com/store

Community					
	WebStorm	Sublime Text 3	Visual Studio Code	Atom with Nuclide	Eclipse Neon
StackOverflow questions	10,031	15,461	6,473	26,858	111,291
Twitter followers	15,200	n/a	118,000	77,800	23,700

Data collected on February 6, 2018

Platform

JetBrains IDEs are built on top of a single IntelliJ Platform developed by JetBrains. This shared platform helps ease the learning curve by providing a familiar development environment across tools, languages and platforms.

When the out-of-the-box functionality is not enough, WebStorm plugin repository contains more than 600 downloadable plugins of all kinds, including those that provide support for various frameworks, additional version control systems, integrations with various tools, and editor enhancements.

Should you require integration with any solutions, services or technologies you use in the company, you can always take advantage of the extensibility of IntelliJ Platform for custom development. A powerful and rich API is available for you to extend the platform based on your needs.

Extending IntelliJ Platform significantly lowers custom development costs and efforts thanks to:

One-time plugin development work needed for all IntelliJ IDEA-based IDEs (instead of developing a dedicated plugin for each of the tools, a single plugin can be developed and made compatible with all IntelliJ IDEA-based IDEs at once).

Plugins can be developed using a single language, be it Java or Kotlin, allowing developers to leverage the platform to target any technology.

Custom plugins can be developed for any language and for any of the IDEs taking advantage of a single SDK (with a single consistent API to that SDK) for plugin/extension development.

Polyglot Experience

WebStorm is built on top of IntelliJ Platform, which means it inherits a lot of IntelliJ IDEA functionality (e.g. editor, navigation, VCS, etc) either out-of-the-box, or with corresponding plugins to be installed from the plugin repository free of charge. Please refer to IntelliJ IDEA dedicated comparison documents or visit the [IntelliJ IDEA](#) website for more information.



Accuracy of Comparison

We tried to make it as comprehensive and neutral as we possibly can. If you discover any inaccuracies in this table, please contact us at sales@jetbrains.com and we'll update it as soon as possible.

Sales Contacts

If you need assistance with managing your licenses, selecting a licensing option, requesting assistance with a JetBrains offer, or any special request or suggestion for JetBrains tools, please do not hesitate to [contact us](#).

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Learn more about WebStorm at jetbrains.com/webstorm