



A Clever IDE to Go

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About GoLand

JetBrains GoLand is a powerful integrated development environment (IDE) built specifically for Go developers.

GoLand is perfectly equipped to help developers stay focused, regardless of whether they're developing modern web applications or DevOps tools. To contribute to developer success, GoLand provides a well-designed development workflow throughout the whole software development cycle.

These capabilities include but are not limited to:

- Built-in Go modules and Dep support.
- Built-in Go tools.
- Smart code completion, on-the-fly static code quality analysis, and instant navigation through the code.
- A rich collection of Postfix Completion templates.
- Powerful and safe project-wide refactorings.
- Handy hints and code insights.
- Built-in GUI-based debugger for Go and JavaScript/TypeScript.
- A dedicated interface for running and debugging tests, benchmarks and checks.
- Integration with Git and other version control systems.
- Extensive customization options.

To learn more about GoLand, please visit the product website at jetbrains.com/go

How does GoLand match up against competing tools?

JetBrains has extensively researched various tools to come up with the comparison table below. We have tried to make it as comprehensive and neutral as possible. 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 the 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

	GoLand	Vim	Visual Studio Code	Sublime Text	Atom
Version in comparison	GoLand 2018.2	Vim 8.1	Visual Studio Code 1.26.1	Sublime Text 3	Atom 1.29.0

Compatibility with operating systems

	GoLand	Vim	Visual Studio Code	Sublime Text	Atom
Linux/Unix	✓	✓	✓	✓	✓
Windows	✓	✓	✓	✓	✓
macOS	✓	✓	✓	✓	✓

Product feature comparison

Group	GoLand 2018.2	Vim 8.1	Visual Studio Code 1.26.1	Sublime Text 3	Atom 1.29.0
Language support					
Go					
Built-in Go Tools	✓	With an additional plugin	With an additional plugin	With an additional plugin	With an additional plugin
Go modules support	✓	×	In Beta	×	×
Integration with Dep	✓	×	With an additional plugin	×	×
Auto imports	✓	×	×	×	×
Syntax highlighting	✓	✓	✓	✓	✓
Code completion for keywords	✓	With an additional plugin	With an additional plugin	×	With an additional plugin
Code completion for objects from the current file(s)	✓	✓	✓	✓	✓
Code completion for language built-in objects	✓	With an additional plugin	With an additional plugin	×	With an additional plugin
Code completion for methods, classes, variables, properties from the whole project	✓	×	×	×	×
Built-in static code quality analysis with auto-fix options	✓	Limited with an additional plugin	Limited with an additional plugin	×	Limited with an additional plugin

Group	GoLand 2018.2	Vim 8.1	Visual Studio Code 1.26.1	Sublime Text 3	Atom 1.29.0
Go					
Refactoring options	✓	Limited	Limited to Rename refactoring	×	Limited to Rename refactoring with an additional plugin
Code snippets	✓	Via plugin	✓	✓	✓
Generate/modify code intentions	✓	×	✓	✓	With an additional plugin
Configurable code style options	✓	×	Limited	Limited	Limited
Navigation by name, to definition and usages	✓	Limited	Limited	Limited	Limited
JavaScript and ECMAScript					
Syntax highlighting	✓	✓	✓	✓	✓
Code completion for keywords	✓	✓	✓	✓	✓
Code completion for objects from the current file(s)	✓	✓	✓	✓	✓
Code completion for language built-in objects	✓	×	✓	×	×
Code completion third-party dependencies	✓	×	✓, with additional configuration	×	×

Group	GoLand 2018.2	Vim 8.1	Visual Studio Code 1.26.1	Sublime Text 3	Atom 1.29.0
JavaScript and ECMAScript					
Code completion for methods, classes, variables, properties from the whole project	✓	×	×	×	×
Built-in static code quality analysis with auto-fix options	✓	×	Limited	×	×
Code snippets	✓	Limited via plugin	✓	✓	✓
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	Limited
TypeScript support					
	✓	With an additional plugin	✓	With additional plugin	With additional plugin
HTML support					
	✓	✓	✓	✓	✓
CSS support					
	✓	✓	✓	✓	✓

Group	GoLand 2018.2	Vim 8.1	Visual Studio Code 1.26.1	Sublime Text 3	Atom 1.29.0
Debugging					
Local debugging Go using Delve	✓	Limited with an additional plugin	With an additional plugin	With an additional plugin	With an additional plugin
Remote debugging Go using Delve	✓	×	With an additional plugin	With an additional plugin	With an additional plugin
JavaScript debugger	✓	With an additional plugin	✓	With an additional plugin	With an additional plugin
Testing					
Integration with Testify	✓	With an additional plugin	With an additional plugin	With an additional plugin	×
Support for configuration management tools					
Docker	✓	Partially with additional plugins	Partially with additional plugins	Partially with additional plugins	Partially with additional plugins
Kubernetes	With an additional plugin	×	With an additional plugin	×	×
Profiling					
CPU and memory profiling	✓	×	×	×	×
Terminal					
	✓	With an additional plugin	✓	With an additional plugin	With an additional plugin
Version Control Systems					
	Git, GitHub, Mercurial, and many more via plugins	With additional plugins	Git	Git with additional plugin	Git, GitHub, Mercurial

Market / Community comparison

Pricing	
GoLand	\$ 199 for the 1st year \$ 159 for the 2nd year \$ 119 for each year after Support from JetBrains is included
Sublime Text 3	\$ 80 per perpetual license. Comes with no support
Visual Studio Code	Free, provided AS IS. Comes with no support
Vim	Charityware, provided AS IS. Comes with no support
Atom	Free, provided AS IS. Comes with no support

Community	GoLand	Visual Studio Code	Vim	Sublime Text 3	Atom
StackOverflow questions	121	>10,000	> 23,000	>5,000	>2,500
Twitter followers	3,436	156,836	17,777	61,552	77,873
Channel members in the official Gophers Slack	757	550	877	12	213

Data collected on September 4, 2018

Platform

JetBrains IDEs are built on top of a common IntelliJ Platform developed by JetBrains. This shared platform helps ease the learning curve by providing a familiar development environment across tools, languages, and platforms. If there is anything missing from the out-of-the-box functionality, the GoLand plugin repository contains more than 1,100 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 your 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 according to 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

GoLand is built on top of IntelliJ Platform, which means it inherits a lot of the IntelliJ IDEA functionality (e.g. editor, navigation, VCS, etc.) either out of the box or with the corresponding plugins 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.

More Information

If you need assistance with managing your licenses, selecting a licensing option, requesting a JetBrains offer, or any other special requests or suggestions you have for JetBrains tools, please do not hesitate to contact us.

Email: sales@jetbrains.com

