



A clever IDE to Go

## Key facts

JetBrains GoLand is a constantly evolving state-of-the-art IDE created from an extensive knowledge of Go development. GoLand has outstanding support for frontend development, SQL, and Databases. This makes the IDE perfectly equipped to help developers stay focused, regardless of whether they're developing modern web applications or DevOps tools.

## Key benefits

Built on top of the IntelliJ Platform, GoLand employs more than 10 years experience and expertise in the best development practices. It includes the most sophisticated technologies and follows the newest trends from the Go language. Deep code insight, smart code completion suggestions, a powerful debugger, code quality inspections, effective Go-aware refactorings, and fast navigation drive thousands of Go developers worldwide to go one step further with their projects.

## System requirements

- OS X 10.8.3 or higher (only 64-bit systems are supported)
- Microsoft Windows 10, 8, 7 (SP1), or Vista (SP2) (32 or 64-bit versions)
- OS Linux using KDE, Gnome, or Unity (32-bit JDK is not bundled, so a 64-bit system is recommended)
- 2 GB RAM minimum, 4 GB RAM recommended
- 1.5 GB hard disk space + at least 1 GB for caches
- 1024x768 minimum screen resolution

## Key features

- Integration with Dep and Go modules.
- Support for many languages and technologies in addition to Go: JavaScript, TypeScript, HTML, CSS, Dart, React, SASS, LESS, SQL, and many others are supported.
- Smart code completion and Postfix Completion templates.
- Go-specific code inspections detect problematic code and help resolve most of the discovered code issues automatically.
- Set of safe refactorings is aimed at reducing duplication and keeping your project structure neat and clean.
- The built-in formatter provides functionality equal to go fmt.
- Powerful integrated debugger with common and advanced functionality.
- GoLand provides a variety of code generation actions to create boilerplate code instantly, for example, the IDE will help you add methods from an interface to a chosen type and create this type right away.
- Powerful navigation and search allow switching with one click to a super method, implementation, usages, declaration; jump to any class, file or symbol, or find all usages where a symbol is used and group them by type.
- Quick Documentation popup, Expression Type action, and parameter hints for literals and nils help make it even easier to read and understand the code.
- Syntax highlighting for Plan9 files.
- Test Runner with a dedicated interface for running and debugging tests, benchmarks, and checks.
- Code Coverage helps to find any unused code in a project.
- Go Tools menu allows you to run Go tools on your project without switching to the command line.
- Built-in integration with Version Control Systems including Git, GitHub, Subversion, Mercurial, SVN, and Perforce.
- Built-in terminal.
- Integration with various issue trackers.
- Rich plugin ecosystem includes a wide array of plugins to expand and modify the functionality of your IDE.
- Cross-platform: available on macOS, Windows, and Linux with a single product license.

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