GoLand

A cross-platform Go IDE
with extended support
for JavaScript, TypeScript,
and databases.

Key facts

JetBrains GoLand is a state-of-the-art Go IDE
with outstanding frontend development, SQL,
and database support. It is created from our
extensive knowledge of Go development, making
it perfectly equipped to help Go developers
develop modern web applications and DevOps
tools.

Key benefits

GoLand is built on top of the IntelliJ Platform,
with all the benefits of over 15 years of
experience and expertise in best development
practices built in. Sophisticated technologies and
features such as deep code insight, smart code
completion suggestions, a powerful debugger,
code quality inspections, effective refactorings,
and fast navigation drive thousands of Go
developers worldwide to develop their projects
with GoLand.

System requirements

- macOS 10.14 or later
  (only 64-bit systems are supported)

- Microsoft Windows 8 or later
  (64-bit version)

- Any Linux distribution
  that supports Gnome, KDE,
  or Unity DE (64-bit version)

- 2 GB RAM minimum,
  4 GB RAM recommended

- 2.5 GB hard disk space
  + at least 1 GB for caches

- 1024x768 minimum screen resolution

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Key features

- Go modules integration. GoLand provides code completion, refactorings, navigation for go.mod files, and the ability to fetch missing dependencies or remove unused ones with keyboard shortcuts.

- Support for many technologies in addition to Go: frontend languages, databases, Docker, Kubernetes, 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.

- The expansive set of refactorings helps safely reduce duplication in the code.

- gofmt on save and the built-in formatter are enabled by default.

- A powerful integrated debugger with standard and advanced functionality.

- GoLand provides a variety of code generation actions to instantly create boilerplate code.

- Fast navigation and search allow switching with one click to implementations, usages, or declarations and jump to any type, file, or symbol.

- Quick Documentation pop-up, Expression Type action, and parameter hints for literals and nils help make reading and understanding the code even easier.

- HTTP client with support for gRPC requests.

- GoLand integrates with memory, CPU, mutex, and blocking profilers.

- Test runner with a dedicated interface for running and debugging tests, benchmarks, and checks.

- Code coverage that helps to find any unused code in a project.

- Go Tools menu to run Go tools on your project without switching to the command line.

- Built-in integration with Version Control Systems including Git, GitHub, and others.

- Built-in terminal.

- Support for remote development workflows. You can set it up from GoLand's Welcome screen.

- Rich plugin ecosystem

- Our pair programming service Code With Me lets you share the project you have open in your IDE with others, so you can work on it together in real time.