

Editors and IDEs for Go

Popular

The [Go Developer Survey](#) showed these as the most popular editors.

- **Visual Studio Code**: Free & open source IDE by Microsoft. Visual Studio Code supports Go syntax highlighting out of the box. Additional features are provided by the official [vscode-go](#) plugin.
- **GoLand**: JetBrains's cross-platform, [fully featured](#) Go IDE (commercial). Free for students, teachers, open-source developers, and user-groups ([see details](#)). Also available as part of IntelliJ IDEA Ultimate.
- **Vim** & **Neovim**: Vi Improved. There are a number of plugins available that make editing Go code easier.
 - The [vim-go](#) plugin includes misc/vim and has many other new improvements.
 - The [Syntastic](#) plugin gives instant feedback on compile errors
 - The [tagbar](#) plugin uses Gotags, above, to show an outline of the current file
 - A [vim compiler plugin](#) for syntax checking
 - A [vim-godef](#) plugin integrates with the 'godef' tool, above
 - A [vim-go-extra](#) is vim plugin based on misc/vim in go repository. This works fine on windows too!
 - The [go-ide](#) is a Neovim configuration file that ties go related plugins together making autocomplete, auto-importing, snippets, code formatting, and file search/browsing easier.
 - [govim](#) is an LSP-driven vim plugin for Go development, written in Go using Vim8's channel support.
- **Emacs**: Extensible and customizable text editor. It has generic LSP support that works well with gopls, the official Go language server.
 - [LSP Mode](#) provides LSP support with a batteries-included approach, with many integrations enabled "out of the box" and several additional behaviors provided by lsp-mode itself.
 - [Eglot](#) provides LSP support with a minimally-intrusive approach, focusing on smooth integration with other established packages. It provides a few of its own eglot- commands but no additional keybindings by default.
 - Mode file maintained at <https://github.com/dominikh/go-mode.el>.
 - [GoFlyMake](#) Flymake-style syntax checking for Go
 - [go-errcheck.el](#) Errcheck integration for Emacs
 - [flycheck-metalinter](#) Flycheck integration for go-metalinter utility
 - [go-playground](#) Local playground inside Emacs

Less popular

These editors are less popular, and may have less modern Go support. In particular, they may not support Go modules.

- **Atom**: JavaScript-based editor from GitHub. Go support at [go-plus](#)
- **BBEdit**: free text editor for macOS (with paid upgrade for pro features).
 - Go support available with the [Go-bbpackage module](#) including syntax highlighting, clippings, ctags standard library completion, and tools
- **Brackets**: a modern, open source text editor that understands web design.
 - [go-ide](#) Go support with autocompletion through gocode.
- **Chime**: Capable. Focused. Fast. A Go editor for macOS.
- **CodePerfect 95**: A blazing fast IDE for Go.

- **jEdit**: open-source, cross-platform text editor written in Java. [Syntax-highlighting file available](#).
- **Kate**: Kate is an advanced, cross-platform text editor developed by KDE, with Go support out-of-the-box.
- **Komodo IDE**: Powerful cross-platform IDE with built-in Go support
- **Komodo Edit**: Powerful cross-platform text editor, Go-lang support available via [plugin](#)
- **LiteIDE**: A simple, open source and cross-platform Go IDE
- **Micro**: A modern and intuitive terminal-based text editor written in Go
 - Go language support (gofmt and goimports) via [plugin](#)
- **Notepad++**: Free source code editor for Windows.
 - [notepadplus-go](#): Syntax highlighting, functions list panel (for code browsing), code completion for keywords & builtins.
 - The GOnpp plugin (available **via Notepad++'s built-in Plugin Manager**) provides code completion (requires gocode), function calltips, goimports integration, and keyboard shortcuts for common go commands. [[sources](#), [binaries](#)].
 - [GoAutocomplete](#) is another code completion plugin.
- **Nova**: Native Mac code editor.
 - [Go Language Definition for Nova](#) — *Go syntax highlighting and interface with the Language Server Protocol (LSP) using Google's official [gopls](#) language server for Go (if installed).*
 - [Go Tools](#) — *Run `goimports` on save or via a command. Syntax highlighting for Go.*
- **Source Insight**: Commercial programming editor & code browser with built-in live analysis for C, C++, C#, Java, and more; helping you understand large projects.
 - [golang.xcuf](#) is a [Custom Language](#) file adding syntax formatting and some parsing support to Source Insight for Go language.
- **Sublime Text**: Commercial text editor.
 - (Sublime Text 4 only) [LSP + gopls](#) is a plugin collection with IDE-like features available.
 - [GoSublime](#) is a plugin collection with IDE-like features available.
 - [Golang Build](#) is the official Sublime Text package for Go build system integration.
- **Textadept**: Textadept is a fast, minimalist, and remarkably extensible cross-platform text editor. Supports Go syntax highlighting out of the box.
- **TextMate**: Commercial text editor for macOS. [Source code available](#) under the GPLv3. [Bundle for Go available](#).

Cloud Based IDEs

- **Cloud9**: claims full Go support.
- **Gitpod**: GitHub integrated cloud IDE with full Go support.