

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 * **BEdit**: 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.xclf 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.