

GoLand 2018.2 Release Notes

Go Completion	Feature	GO-4553	Completion for map and slice literals
	Bug	GO-5101	Do not insert space on completing return in void function
	Bug	GO-5777	Smart type completion doesn't suggest method in context
Go Debugger	Feature	GO-4019	Add debugging warning for old Go version
	Bug	GO-5909	Breakpoints with a Boolean Condition Stalls the Debugger
	Usability	GO-5880	Debugger nested levels strikes again
Go Documentation	Feature	GO-2936	Align struct fields in documentation according to gofmt style
Go Editing	Bug	GO-5826	Do not import packages from vgo paths in non-vgo projects
	Bug	GO-5375	Add import alias intention doesn't support dot as an alias name
	Bug	GO-5862	Return parameters are not highlighted for function literal inside return statement
	Bug	GO-5781	Do not remove import "C" from import list
	Bug	GO-5731	To suggest pointer to struct/array in return completion
Go Formatter	Bug	GO-5890	Code formatting in GoLand conflict with <code>`go fmt ./...`</code>
	Bug	GO-5892	Wrong switch statement formatting
	Bug	GO-5893	Wrong formatting for long keys/values in composite literals
	Bug	GO-5894	Wrong composite literal alignment in presence of comments
	Bug	GO-5503	Reformat code breaks go lang annotations
	Bug	GO-2984	Lots of Formatting Issues on Kubernetes
	Bug	GO-5931	Wrong alignment for mix of elements with and without keys
	Bug	GO-5937	Wrong alignment for literal elements with first element on same line as open bracket
	Bug	GO-5928	Wrong alignment for multiline types in a struct
	Bug	GO-5927	Wrong spaces before comments in binary expressions
	Bug	GO-3519	Incorrect formatting
	Bug	GO-5903	Wrong spaces in multiline binary expressions
	Bug	GO-5904	Wrong spaces in multiline binary expression inside conditions
	Bug	GO-5905	Wrong literal alignment after several elements on the same line
	Bug	GO-5873	Leading whitespace comment prefixes are not persisted
	Bug	GO-4978	Wrong indent in return parameters when pressing return
	Bug	GO-5964	Wrong spacing in binary expressions with unary expressions
	Bug	GO-5963	Wrong indentation in multiline make and new calls
	Bug	GO-5895	Space between comment and comma is not removed
	Go General	Feature	GO-5828
Feature		GO-5857	Always display the package name of the type in the View Expression Type functionality
Feature		GO-5871	Adjust default gometalinter filewatcher for faster run times
Feature		GO-5968	Automatically select Go binary as vgo binary in Go 1.11

	Bug	GO-5827	Highlighter gets confused with multiple named return variables
	Bug	GO-5817	Tooltip show in the wrong location
	Bug	GO-5724	Structure Display Shows Duplicate Listings For The Same 'Type'.
	Bug	GO-5854	Show package structure display of the file name is flaky
	Bug	GO-5859	#include "textflag" in asm file
	Bug	GO-5702	vgo's replace syntax is ignored by the IDE
	Bug	GO-5703	How to convert existing DEP project to VGO project?
	Usability	GO-5806	Unable to select option from menu
Go Inspections	Feature	GO-5342	Types compatibility check: Add "Convert" quick fix if a conversion is legal
	Feature	GO-3075	Add unused expression result inspection
	Feature	GO-5819	Don't show message about missing documentation for known methods
	Bug	GO-5666	Incorrect Inspection: Condition 'string(s) == t' is always 'true'
	Bug	GO-4861	Types compatibility inspection: better error message for invalid variadic type
	Bug	GO-5698	Bad syntax for struct tag value
	Bug	GO-5067	False positive: Cannot range over data when using CGO types
	Bug	GO-4373	False positive: Assignment to method receiver doesn't propagate to other calls
	Bug	GO-5762	Composite literal uses unkeyed fields
	Bug	GO-5926	Wrong 'type can be omitted' on constants
	Bug	GO-5852	Empty comment for method will cancel the "Exported method should have a comment...." inspection but it shouldn't
	Bug	GO-5631	Better full path for types in type compatibility inspection
	Bug	GO-5433	User defined 'make' function is treated as the builtin one
	Bug	GO-5908	To report a use of build tag without a leading space
	Bug	GO-4999	False positive: 'simplify expression' inspection when comparing interface values
	Bug	GO-5840	Inspection reports valid formatting placeholder containing precision with 0 prefix as invalid
	Bug	GO-5866	Introduce local variable does not preserve the side comment for single return functions
	Bug	GO-5874	fmt string inspection: false positive about incompatible types in scanf
	Bug	GO-5432	False positive: 'evaluated but not used' error for user defined 'new' function
	Bug	GO-5679	False positive error "Cannot truncate: int32(value) to type int32"
	Bug	GO-5684	False positive about type incompatibility
	Bug	GO-5801	Cannot find usages of test file declaration in tests
	Bug	GO-5601	False positive: invalid case in switch when interfaces are involved
Bug	GO-3932	Bad simplify warning `Reports redundant and suspect parts of boolean expressions.`	
Go Refactorings	Feature	GO-2978	Extract method refactoring, not extract function refactoring
	Feature	GO-4116	Refactor import option to dot import
	Feature	GO-5369	Move methods and constructors associated with types
	Bug	GO-5861	Move refactoring produces invalid code when receiver name clashes with package name

	Bug	GO-5936	Move refactoring dialog: Error message shouldn't blink while typing
	Bug	GO-5849	Move refactoring dialog: warn if type will no longer implement interface after move
	Bug	GO-5714	Implement missing methods should not be available for local types
	Bug	GO-5901	vgo: Goland add import statement included version string
	Bug	GO-2828	fix add field quickfix for pointer type
	Bug	GO-5869	Using Rename refactoring to a dot import will break either the code or the IDE
	Bug	GO-5848	Move refactoring dialog: warn if moving of main or init functions may change application behavior
	Bug	GO-5741	Conflict isn't shown when a target package contains a symbol with the same name
	Usability	GO-5851	Move refactoring window does not mark identifiers as required until a filename is selected value is present
Go Template	Feature	GO-5813	Support assignment statement in templates
Go Testing	Bug	GO-5913	Custom tags in tests
	Usability	GO-5886	Tree view for Go subtests containing "/"
No subsystem	Bug	GO-5942	"Usage of Snake_Case" inspection suggests wrong names for import aliases
	Bug	GO-5588	Incorrect info in Project view when 'Show members' is enabled
	Bug	GO-5747	To disable clipboard detection in a project without go modules
	Bug	GO-3939	External Tool using incorrect GOPATH
	Usability	GO-4510	Preview struct hasn't format
	Usability	GO-5187	Overwrite GOPATH/GOROOT environment variables in terminal with values defined in project settings
	Task	GO-5906	vgo: load project info with `vgo list -m -json all`
No subsystem	Feature	IDEA-194897	MacBook touch bar: add "Add configuration" button in Run/Debug configuration dialog
	Bug	IDEA-194670	Memory leak in DocumentationManager
	Bug	IDEA-194901	MacBook touch bar: welcome screen bugs
	Bug	IDEA-191258	Out of memory on opening/reading SVG file.
	Bug	IDEA-194890	MacBook touch bar: More items button does not work in Run/Debug configurations dialog
	Bug	IDEA-189873	Run Dashboard: Del pressing in the Find box in console deletes the current run configuration
	Cosmetics	IDEA-194905	MacBook touch bar: use buttons with labels instead of icons in Diff dialog
	Cosmetics	IDEA-194902	MacBook touch bar: debugger improvements
	Cosmetics	IDEA-194896	MacBook touch bar: use close icon instead of close button
	Cosmetics	IDEA-194893	MacBook touch bar: improve Configurations popover
	Exception	IDEA-192088	Exception when starting IntelliJ
Code Analysis. Inspection	Bug	IDEA-195161	Reactor. Blocking calls in non-blocking contexts inspections are not reported in lambdas
	Bug	IDEA-194855	False positive "Blocking operator in non-blocking scope" for a Flux
	Exception	IDEA-194975	Offline Inspection fails with HeadlessException presumably because EAP version is expired
Debugger	Usability	IDEA-194431	Async Stracktraces for Platform.runLater

Diff_Merge	Bug	IDEA-194913	Zoom is broken in Diff for images
Docker	Feature	IDEA-150690	Docker - add --rm option
	Bug	IDEA-194072	Dead `--rm` container shown as not removed from the IDE view
	Usability	IDEA-163754	Docker. Container, Exec menu item. Set focus on the command line after Exec-> bash
Editor. Editing Text	Bug	IDEA-194978	Mouse navigation & tooltips handler: take inlay hints into the account
	Bug	IDEA-192438	Underline is always bold underline
	Bug	IDEA-189671	Editor loses caret (thus focus) after closing one of the two splits using Close (Ctrl+F4)
File System	Usability	IDEA-192665	Annoying "External file changes sync may be slow" notification
IDE Configuration	Bug	IDEA-189920	Attribute inheritance flag in Editor color scheme is reverted on Apply
	Bug	IDEA-194876	When removing "Other" from "B" live template context, it's reset to "None"
	Bug	IDEA-193029	Restarting is not supported on GNU/Linux with Python 3 as the only Python interpreter
Indices	Bug	IDEA-194315	Spring Boot: application.yaml file opened in Editor while indexing is not recognized as SpringBoot configuration file
Packaging and Installation	Bug	IDEA-194822	Incorrect sed command in non OS_TYPE Linux libyjpagent check breaks non Linux startup
	Task	IDEA-195115	Bundle Kotlin 1.2.51 with IntelliJ IDEA
Platform API	Bug	IDEA-193989	IDE does not start - broken icon loading by relative path and IconPathPatcher in multiple plugins
Plugin Development	Bug	IDEA-183006	Automatically load plugins on which the main plugin optionally depends in tests
Project Configuration	Bug	IDEA-194717	Excluded roots are lost after refreshing a repository library
Refactoring	Bug	IDEA-187647	Rename module does not rename directory
Run Debug configuration	Usability	IDEA-181847	RunDashboard: auto-scroll to the running item in case of many items in the view
Terminal	Bug	IDEA-173259	fish plugin functions do not work on macOS in built-in terminal
	Bug	IDEA-194928	Terminal console: a few first long lines are not properly carried over to next line
	Exception	IDEA-187084	StringIndexOutOfBoundsException while executing some action with long output in the Terminal
User Interface	Feature	IDEA-163208	Add support for MacBook Touch Bar (Magic Toolbar)
	Bug	IDEA-193115	TouchBar: dropdown values are not selectable
	Bug	IDEA-194712	Messages tool window header is missing "Collapse/expand all" icons
	Bug	IDEA-194924	TouchBar support: touch bar is not appeared after first IDE launch
	Bug	IDEA-194795	Exception appears when try to open file chooser from Welcome screen
	Bug	IDEA-194716	Fatal error reporting with optional files not working correctly
	Usability	IDEA-192403	Touchbar support for Select in > Project view
	Exception	IDEA-193393	TouchBar: exception is thrown after cancelling Project Structure window
User Interface. Controls	Bug	IDEA-193777	Cannot switch on 'Show function keys on touchbar' feature
User Interface. Look and Feel	Cosmetics	IDEA-191671	Mac menu icons don't handle Darcula well

User Interface. Project View	Bug	IDEA-195578	New files do not show on package view
	Bug	IDEA-189742	Items in Project View remain highlighted as incorrect after deleting the class with uncomilable code
Version Control	Usability	IDEA-193296	Assign default shortcut for the "Set Active Changelist" action
	Usability	IDEA-192073	Missing 'Expand All/Collapse All' icons in VCS Local changes
Version Control. Git	Bug	IDEA-193934	Git clone --recurse-submodules checkouts submodules in detached state which breaks Update project
	Bug	IDEA-194449	New Git root is not detected until restart, if added externally as a submodule or under a new subdirectory
	Bug	IDEA-195270	Missing notification about invalid Git roots
	Bug	IDEA-194991	Annotation tooltip is huge and empty
	Usability	IDEA-144948	Branch list in Git Rebase dialog should include remote branches
	Usability	IDEA-124453	Update Project should not fail completely when some module can't be updated (have no remotes, doesn't have a tracked branch, is in detached state, etc)
	Usability	IDEA-144072	Sort order of branch names in git branches drop-down lists is not alpha-numerical (Rebase, Branch Widget etc)
Version Control. Perforce	Bug	IDEA-183743	Use file revision encoding when comparing file contents
DB Connectivity	Usability	DBE-6655	Custom JDBC driver configuration workflow
DB Introspection	Bug	DBE-6362	Redshift view with no schema binding - unable to inspect columns
Data Views	Feature	DBE-4100	Feature Request: Show column comments in tooltips
SQL Resolve	Bug	DBE-6676	Quoted Identifiers are case insensitive SQL Server
No subsystem	Feature	WEB-33712	ES6: autoimports for ts declarations inside node_modules
	Feature	WEB-33236	Add ng add integration
	Feature	WEB-33641	Angular2: allow injecting languages other than CSS in `styles:[]`
	Bug	WEB-33364	Angular template reference wrong typing
	Bug	WEB-33569	Suggest newer version for 'ng-add' dependencies if older one doesn't support 'ng-add'
	Bug	WEB-33570	Do not log issues with bad schematics in New Angular Schematics... dialog
CoffeeScript	Bug	WEB-33782	CoffeeScript: prohibit use of JavaScript Postfix Templates
	Bug	WEB-24288	Coffeescript - regex with whitespace considered bad code
Dart	Feature	WEB-33112	Be able to run test of dart 2 code in intellij
	Bug	WEB-33251	Unable to run unit tests from folder with space in path
	Bug	WEB-33011	Unfortunate Dart formatting of syntactically valid code
	Bug	WEB-33051	Dart formatter swallows white space on line merge
Debugger	Bug	WEB-33604	Infinite 'Loading value' when calculating a variable
	Bug	WEB-33119	Wrong file path in Console when debugging a Vue app
	Task	WEB-7998	If breakpoints muted, don't stop on debugger keyword
	Exception	WEB-31501	[[FunctionLocation]] not found when call 'Jump to source'
File Watchers	Feature	WEB-33175	Add File Watcher template for Prettier
	Bug	WEB-33661	Export File Watchers action: preserve Path Variables
	Cosmetics	WEB-33683	File watchers: column title doesn't fit on Linux

HTML	Bug	WEB-33582	Inspections - Unknown HTML Tag not working
JSON	Feature	WEB-33426	Support path patterns for JSON mappings
	Bug	WEB-33845	File type detection on EDT via JsonSchemaVfsListener
	Bug	WEB-33306	JSON Schema Mappings: required fields are not suggested inside 'oneOf' definition
	Bug	WEB-33215	JSON Schema Mappings: Empty file pattern and path should match nothing
	Bug	WEB-33014	"File is not a schema" error in json widget when file was manually added with a mapping to schema
	Bug	WEB-33444	JSON Schema mappings are stored with platform-dependent slashes
	Bug	WEB-33705	Unintended autocomplete list pop-ups when typing B or P inside quotes in JSON strings
	Bug	WEB-33724	Incorrect 'missing property' in case of 'anyOf' with required
	Cosmetics	WEB-33544	Clean up empty items on saving JSON schema mappings
JavaScript	Feature	WEB-30594	jsDoc Add support for optional properties in @typedef with @property
	Bug	WEB-33611	Javascript. Array type is not properly defined
	Bug	WEB-33591	Reduce availability range of some intentions for class members
	Bug	WEB-33700	JavaScript: 'Method expression is not of Function type' after exporting
	Cosmetics	WEB-33635	Issues with brace highlighting
JavaScript. Frameworks	Feature	WEB-20913	Intention: Switch between React class and pure function syntax
	Bug	WEB-33599	Do not list already installed packages in New Angular Dependency... dialog
	Bug	WEB-33605	Load karma and protractor config paths from angular.json
	Bug	WEB-32507	wrong type mismatch error when using template reference variable for <textarea> (due to uppercase-misspelling)
	Bug	WEB-33573	Do not show ng add/install things if @angular/cli is not installed
	Bug	WEB-33575	Can't create react-native project
	Bug	WEB-32986	Support pointer events (react 16.4)
	Bug	WEB-33451	Insufficient new project name validation for latest Angular CLI versions
JavaScript. Inspections	Bug	WEB-33365	JSDoc error with default + rest arguments
	Bug	WEB-32303	Strict mode inspection behavior is not applied in modules and classes
JavaScript. Templates	Bug	WEB-18941	Handlebars: avoid errors when expression is used as attribute value
Linters	Bug	WEB-33680	Throwable: Read access is allowed from event dispatch thread or inside read-action only
Node.js	Bug	WEB-33688	WSL: covered lines are not marked in the editor
	Bug	WEB-33707	WSL: can't install nyc or istanbull via link from error
	Bug	WEB-33708	WSL: webpack config can not be analyzed
	Bug	WEB-33687	WSL: flow doesn't start (Throwable: Can't find node interpreter)
	Exception	WEB-33725	WSL: IllegalStateException when indexing project
TypeScript	Bug	WEB-21614	invalid error: rest parameter must be an array type
	Bug	WEB-21141	[TypeScript] false error with generic extends non-named types

	Bug	WEB-33765	Completion for generic TSX components doesn't work properly for the first attribute if TS service is enabled
	Bug	WEB-33701	[TypeScript] Wrong "Non-ASCII characters in an identifier" inspection on TypeScript decorator with property access
	Bug	WEB-33651	Typescript. Autocomplete for properties doesn't show string-named items when service is on
	Bug	WEB-33716	Incorrect rest parameter's type in "parameter info" / "quick doc" for aliases and tuples
	Bug	WEB-33632	TypeScript: Types are included in pre-populated JSDoc for properties/vars
Unit Tests	Bug	WEB-33594	'Show ignored' option doesn't work for Jest
	Bug	WEB-33855	Jest: custom setupTestFrameworkScriptFile is not executed sometimes
	Bug	WEB-33682	Karma: 'Re-run failed tests' button disappears when debugger starts
	Bug	WEB-33664	Karma: cannot run single jasmine suite or test
	Bug	WEB-33662	Improve description for suits with ignored test when 'Hide ignored' is chosen
	Bug	WEB-33259	WSL: interpreter from linux is invalid for Karma RC
	Bug	WEB-33816	Jest: initialization error is shown as passed test
	Bug	WEB-33810	'Click to update snapshot' link is missing
	Bug	WEB-33631	Jest + Vue: coverage marks not shown in gutter of .vue file
	Bug	WEB-33622	WSL: Jest Coverage tool window not showing any stats
	Usability	WEB-30439	Jest: show console.log output in test results console when clicking on test