

GoLand 2018.3 Release Notes

Go Build	Bug	GO-6360	Automatically set the Working Directory to the nearest go.mod containing directory
Go Completion	Feature	GO-6013	Suggest functions in method-like way in completion
	Bug	GO-6370	Smart completion contains irrelevant items
	Performance	GO-3527	Do we really need GoPsiImplUtil#getTypeSpecIcon in completion?
	Usability	GO-6239	Smart Type Completion should use the already declared type instead of building a new one
	Usability	GO-6165	Better completion for struct declaration
Go Debugger	Feature	GO-3831	Support for mozilla rr in debugger
	Feature	GO-4248	Support delve core dump debugging
	Bug	GO-6391	Remote debugging doesn't work when the client is Windows and target system is Linux
	Bug	GO-6125	Incorrect value in 'view' window of debugger
	Bug	GO-6136	Debugging is abnormal behavior
	Bug	GO-6338	GoLand debugger Crash when view field data
	Performance	GO-6019	GoLand debugger freezes in unit tests when maps are allocated with very large capacities
	Usability	GO-6344	In Debugger, setting a variable to another value is inconvenient
	Cosmetics	GO-2693	Unnamed return variable names not clear for their purpose when debugging
Go Editing	Feature	GO-3259	Add intention to generate a constructor like method for structs
	Bug	GO-5746	Do not suggest types in receiver name completion in meth template
	Bug	GO-5809	Using nil postfix completion template on function calls that don't return nillable type
	Bug	GO-6363	Format string folding incorrectly handles expressions
	Bug	GO-6381	Generate constructor: better name for unexported type
	Usability	GO-3658	Add extra step for expand selection action
Go Formatter	Bug	GO-6196	Enter puts wrong indent
	Bug	GO-6295	Pressing Enter after last struct field does not place cursor in the expected place
	Bug	GO-6255	Wrong indentation when hitting enter after multiline if statements
	Bug	GO-6401	Wrong indent on enter after semicolon
Go General	Feature	GO-2973	Super method navigation
	Bug	GO-6117	go fmt action doesn't work in Go Modules project
	Bug	GO-6359	Pass GO111MODULE=on env var setting to the terminal for Go Modules projects
	Bug	GO-6325	Embedded pointer type methods not recognized as part of implemented interface
	Bug	GO-6337	Shortcut to "Plugins..." in the bottom right corner of the UI does not work
	Performance	GO-6251	IDE slowdown
	Usability	GO-6032	Add ability to "add to currently opened projects"

	Cosmetics	GO-5291	Project Wizard: Go module tooltip is the same as one for Web modules
Go Inspections	Feature	GO-6246	Detect dead code
	Bug	GO-5988	Bug: convert to should wrap pointer type in parens
	Bug	GO-6238	Redundant type declaration in composite literals does not detect identical types
	Bug	GO-6266	Inspection 'Shadowing variable' should not complain about type switches
	Bug	GO-6311	Missing "<something> redeclared in this block" inspection for test level packages
	Bug	GO-6284	Non reported types mismatch in slices
	Bug	GO-6248	Incorrect signature for generated function
	Bug	GO-6207	"Imports are not sorted" inspection should not show when there is a comment
	Performance	GO-5310	Test performance of print and printf functions inspection
	Cosmetics	GO-4975	Do not highlight the whole function body when used as a constant
	Task	GO-6245	Implement control flow builder
	Go Parser	Bug	GO-5320
Bug		GO-6396	Parsing is broken for user-defined 'new' function
Go Refactorings	Feature	GO-6244	Add missing return statement after Change Signature refactoring
	Feature	GO-2879	Notify user about collision during rename
	Feature	GO-5949	Allow to disable looking for references while renaming a Go file
	Bug	GO-6379	Extract method and Create method handle variadic parameters incorrectly
	Bug	GO-6276	Change signature intention in EAP breaks on varargs
	Bug	GO-4304	Rename public function should case about visibility
	Bug	GO-6012	Do not refactor reference to wrapped builtin type
	Bug	GO-6348	Change signature refactoring doesn't update references in scratches
	Bug	GO-6312	Introduce variable breaks code
	Bug	GO-5669	Flip intention should be performed on adjacent elements
	Bug	GO-6321	Generate getter and setter: receiver type completion doesn't suggest pointer for setter
	Bug	GO-6320	It's impossible to invoke Change signature
	Bug	GO-6247	Change signature: warn if changing signature of main and init functions may change their behavior
	Bug	GO-6243	Change signature: Default values should be type checked against parameter values
	Bug	GO-6332	Extract variable extracts type form conversion producing incorrect code
	Bug	GO-3236	Extract Method lets you change variable types but not names
Go Template	Bug	GO-5002	HTML file - Missing preview in Browser
	Bug	GO-6435	Go template type hint causes template execution failure
Go Testing	Bug	GO-6343	Code coverage reports 100% although one line is marked as missing
	Bug	GO-6357	Coverage marks covered code as uncovered
	Bug	GO-6407	Test Results show green checkmark in case of build failure
	Usability	GO-6209	make test failures more obvious for non-zero exit status

No subsystem	Feature	GO-6225	Statistics for annotator errors
	Bug	GO-6198	Convert to var declaration produces invalid code in case of destructuring
	Bug	GO-6316	Cleanup does not preserve semantics with empty slices declared using a literal
	Bug	GO-5262	Renaming feature doesn't work well with public variable
	Bug	GO-6212	Live templates are present in eval expression completion
	Bug	GO-5917	godep project, git commit with "before commit" - "gofmt" attempts to format vendor folder
	Bug	GO-6324	Allow detaching project from context menu
	Bug	GO-6336	Method declared in huge file (3.5M) in vendor directory is not resolved
	Cosmetics	GO-5470	Dep settings field: change wording for "Dep location"
	Task	GO-6152	Statistics for compilation errors
	Task	GO-6153	Statistics for runtime errors
No subsystem	Bug	IDEA-201403	Rebuild Project action causes forced compilation of all project modules, not 'real' rebuild
	Bug	IDEA-201729	IntelliJ EAP keeps indexing the same files over and over
	Bug	IDEA-201580	Infinite logging loop on IDEA shutdown if there's an exception during IDE close
	Bug	IDEA-200822	Opening any Markdown file freezes recent IntelliJ Ultimate EAP 183.3795.13
	Bug	IDEA-202374	Cannot open files after import setting from previous release
	Bug	IDEA-200619	Maximized window state is not preserved
	Bug	IDEA-202080	UI components are not shown in some RC
	Bug	IDEA-201279	ctrl-p ctrl-n not working as expected in Webstorm 2018.3 EAP OSX
	Bug	IDEA-201286	Linux Native Menu bar: the order of actions in menu can change unexpectedly
	Bug	IDEA-198187	Gnome-Shell crashes upon replace in path confirmation action
	Bug	IDEA-200322	Project explorer empty
	Bug	IDEA-200840	Exception appears for opened comment after TODO
	Usability	IDEA-200263	[Run anything] Window can be resized too small
	Usability	IDEA-179037	Last Edit Location List: edits performed in the diff window are not appended to the list
	Exception	IDEA-200374	Throwable at com.intellij.openapi.wm.impl.GlobalMenuLinux.lambda\$handleEvent\$4
Code Analysis. Inspection	Bug	IDEA-200236	False positive: 'Redundant Suppression' warns for foreign suppressions
	Bug	IDEA-200207	InconsistentLineSeparators false positives on regexp values that have line-end values
Code Coverage	Exception	IDEA-199696	Code coverage not working in IntelliJ 2018 running on JDK11
Code Formatting and Code Style	Performance	IDEA-200803	AWT EventQueue uses 100% CPU in idle when using EditorConfig
Code Navigation	Bug	IDEA-200567	Recent edited files popup shows files from another project
	Bug	IDEA-200312	UI freeze during Search Everywhere
	Bug	IDEA-200980	Navigate / Last Edit Location opens Editor Pane in wrong IDEA instance window

Debugger	Bug	IDEA-198388	Dragging breakpoint clones it instead of moving
	Usability	IDEA-121159	Pause Program improvement
	Usability	IDEA-200959	Speed search in debugger Variables view expands nodes
Docker	Bug	IDEA-178932	Docker: "dockerfile detection" description in event log/balloon: the link doesn't work
	Bug	IDEA-188077	DockerCompose: Stop doesn't work if node contains any container not from the deployed compose file
	Bug	IDEA-187414	DockerCompose: The parent docker-compose node has "container" icon in case of some deploys from one folder
	Bug	IDEA-200116	Docker: it should be possible to run compose after "down" all the conflict apps with the same names.
	Bug	IDEA-202435	Adding Docker requires email that has nowhere to enter
	Bug	IDEA-199410	NPE while selecting "pull image" from docker tool window
	Bug	IDEA-200763	DockerCompose: "Run" by click on service gutter doesn't work if there is no "docker" server
	Bug	IDEA-200684	Docker: "Path to compose file required" at running services without established docker connection.
Editor. Editing Text	Bug	IDEA-202087	Broken indentation (scaling 250% or higher)
	Bug	IDEA-201625	Text jitter in editor when tabs are used for indentation (on a fractional-scale monitor on Windows)
	Bug	IDEA-198595	Last edit location does not remember changes made in Find in Path
	Bug	IDEA-171789	"Last edit location" does not honor changes been made on "Commit changes" window
File System	Performance	IDEA-201455	Less calls to File.isDirectory in CoreLocalVirtualFile
Find, Replace, Find Usages	Bug	IDEA-199986	Find/Replace in Path closes immediately
	Usability	IDEA-180366	Find in Path from VCS Local Changes shall pre-select the selected change list or directory
	Usability	IDEA-167955	Find: `Ctrl+F` on selected word doesn't pre-select text in search field if Find bar is open
	Exception	IDEA-198437	NPE at com.intellij.structuralsearch.plugin.ui.filters.FilterPanel.initFilters
IDE Configuration	Bug	IDEA-200626	File and Code Templates preferences section loads infinitely
	Bug	IDEA-200848	SDK: Don't add the same SDK some times
JavaFX	Bug	IDEA-200092	Java 11 + OpenJFX Support
Kubernetes	Bug	IDEA-200606	Web view: useless "Kubernetes" item in the context menu
Packaging and Installation	Bug	IDEA-200274	Silent installation: installation to the wrong folder
	Bug	IDEA-200776	Remove dependency from 'extensions' module to 'XStream' library
	Bug	IDEA-200784	Uninstall.exe couldn't be launched in some cases.
	Bug	IDEA-200781	Sometimes there is no message that this version already installed during the installation
	Bug	IDEA-200342	Silent installation: There is no checking if the current version was already installed
	Bug	IDEA-200369	Silent Installation: mode=user: if you have no permission to install in the specified folder, installation is finished in the different folder
	Bug	IDEA-182484	IntelliJ IDEA restart fails on Windows because of company restrictions
	Bug	IDEA-200843	PATH can not be updated. The size is very big.

	Usability	IDEA-182601	Silent install could provide some error feedback
	Usability	IDEA-200235	No option to disable "Open Folder as <IDE> Project" context menu.
	Cosmetics	IDEA-200363	Silent Installation: It is better to mention in log what was wrong in installation by specific words
	Task	IDEA-196699	Bundle Kotlin 1.3 with IntelliJ IDEA
	Task	IDEA-200752	Remove dependency from java.psi.impl to java.resources.en
Password Safe	Feature	IDEA-200611	Protect master key file using PGP key
	Bug	IDEA-187790	Passwords Inaccessible (in Settings->Appearance&Behavior->System Settings-> Passwords)
	Bug	IDEA-200404	Idea change Password Safe option silently on "cancel" in case selected DB is unaccessible
	Bug	IDEA-200401	Auth error on open DB file with [...] button
	Bug	IDEA-200188	Password Safe: Set/ChangeMasterPassword actions cause significant delays on Ubuntu
	Bug	IDEA-174581	KeePass storage is wiped if password token does not match.
	Bug	IDEA-200735	Password Safe: IDE freezes on opening Settings dialog on Ubuntu
	Bug	IDEA-164296	Unable to load library 'secret-1'
	Bug	IDEA-200375	Idea doesn't save password in KeePass database
	Bug	IDEA-200849	Password Safe: incorrect reaction on custom location setting for the (not existing) KeePass database
Platform API	Task	IDEA-191331	Migrate to ASM 6.2
	Task	IDEA-158421	Document requirements for mac-builder agent
Plugin Management	Bug	IDEA-202017	Can't install plugin if it contains necessary dependence on another plugin
	Bug	IDEA-202018	Old plugin dialog is shown when click on the notification popup
Project Configuration	Bug	IDEA-200525	ProjectRootManagerComponent does not react properly on roots update
	Bug	IDEA-192893	Project file encoding settings: the 'BOM for new UTF-8 files' option settings are not preserved on project reopening
Quick Documentation	Feature	IDEA-199882	Support JDK 11 external javadoc folders structure
	Bug	IDEA-202420	Opening offline external documentation for JDK 11 does not work
	Bug	IDEA-199409	UI freezes: Documentation popup loads images from network on UI thread
	Bug	IDEA-200711	View External Documentation doesn't work for Java11 classes if documentation url is provided
Run Debug configuration	Bug	IDEA-198525	[Run Anything] when running saved configuration via run anything, it becomes unsaved
Structural Search and Replace	Bug	IDEA-200398	Structural search doesn't find all constructor calls
Terminal	Bug	IDEA-155071	TERM variable should not be set for windows (cmd) terminals
	Bug	IDEA-200294	Context actions on terminal tabs not working consistently
User Interface	Bug	IDEA-197106	DesktopLayout ConcurrentModificationException on startup
	Bug	IDEA-200724	IntelliJ IDEA does not fully start after update, ends with window with menubar and nothing else
	Bug	IDEA-151200	Ubuntu: Unity menu bar is not available for detached editor tabs and floating tool windows
	Bug	IDEA-201276	Linux Native menu: shortcuts disappeared from main menu panel

	Bug	IDEA-200379	Native menu bar on Ubuntu Linux: the View menu actions have incorrect state
	Bug	IDEA-200654	Search Everywhere not opening file on Linux
	Bug	IDEA-195177	Intermittent tests failure on MacBook with Touch bar in IntelliJ project
	Usability	IDEA-197044	Run configuration doesn't fit the screen
	Usability	IDEA-200298	Show the first unsubmitted error when clicking on the "Fatal Error" icon in the status bar
	Usability	IDEA-153071	Settings > Version Control > Confirmation window resize issues
	Exception	IDEA-200919	ClassCastException: java.base/jdk.internal.misc.Unsafe cannot be cast to jdk.unsupported/sun.misc.Unsafe
	Exception	IDEA-200273	Exceptions: GlobalMenuLinux - Unable to register window and AppMenu-service can't register xid
User Interface. Accessibility	Bug	IDEA-200351	can't escape diff dialog when screen reader is enabled
	Bug	IDEA-201843	NavBar popups are closed on up/down/speed search
	Bug	IDEA-201273	Problem with User Agreement Accessibility
User Interface. Controls	Bug	IDEA-196606	Floating toolwindows can't be moved
	Bug	IDEA-201124	Linux native menu: main menu appears on a toolwindow in windowed mode
User Interface. Focus	Bug	IDEA-198588	Find in Path dialog becomes unresponsive sometimes
User Interface. Look and Feel	Bug	IDEA-200171	High Contrast Theme: Editor color scheme remains "High Contrast" after changing theme from "High Contrast" to "Darcula"
User Interface. Navigation	Bug	IDEA-201937	Search Everywhere shortcuts: Ctrl/Shift+Tab shortcuts set for tabs switching do not work if Tab shortcut is set for "Select item" action
	Bug	IDEA-200462	New SE: Add statistics
Version Control	Usability	IDEA-199656	Changelists should be expanded by default, and should retain the state
Version Control. Git	Bug	IDEA-199761	File names with trailing spaces break git diff
	Bug	IDEA-198271	Git: Native SSH: if password authentication is used, the password can't be remembered
	Bug	IDEA-201054	Git: native SSH: confusing dialog on attempt to connect to (yet) unknown host
	Bug	IDEA-200448	VCS Git "Fetch" does not refresh the VCS "Log" view
	Usability	IDEA-199926	Scanning for Git roots in a project should skip known third-party libs locations
	Usability	IDEA-190367	Shortcut for git branch by default
Version Control. Log	Bug	IDEA-193814	com.intellij.openapi.vcs.VcsException: Index: 1, Size: 1
DB Console	Bug	DBE-7298	IndexOutOfBoundsException occurs on opening "Parameters" dialog if there are no parameters in query
DB Introspection	Feature	DBE-7198	DataGrip Should Provide Pattern to functionNamePattern in DatabaseMetaData.getFunctions() call.
	Bug	DBE-7150	Triggers not showing for MariaDB ver. 10.1.34
IDE General	Cosmetics	DBE-4250	Inconsistent Invalidate Cache / Restart location
SQL Completion	Feature	DBE-2854	Automatic alias
	Feature	DBE-6989	Customisable aliases for tables when auto-completing SQL queries

	Bug	DBE-5981	suggested alias should not have hash sign for temp tables on sql server
	Bug	DBE-2852	Setting to select table order in ON-clause
	Bug	DBE-4656	Bad completion for window functions
	Bug	DBE-5654	Duplicates in completion
	Bug	DBE-6536	Inapplicable autocomplete suggestions - table ailas after table alias
	Usability	DBE-6450	Remove SELF argument from autocomplete prarmeter list of PLSQL Object type method
	Configuration Problem	DBE-5511	Can't disable MySQL JOIN alias autocomplete
SQL Format and Style	Feature	DBE-6819	Indent-only no-alignment code style (also C-like style)
	Feature	DBE-6678	Align JOIN under FROM
	Feature	DBE-6801	Allow to specify elements place separately for each clause in query
	Feature	DBE-6798	Egypt style for INSERT and subqueries
	Bug	DBE-1376	SQL Formatting: line break before closing ")"
	Bug	DBE-7220	Indent everything between BEGIN TRANSACTION and COMMIT statement MSSQL
SQL General	Feature	DBE-3275	Fold multiple values in IN operator
	Bug	DBE-7143	Auto-created folding regions are un-folded on file re-open
	Bug	DBE-5325	Code Folding > Expand All requires repeating the action two times
SQL Generation	Bug	DBE-7180	Several PostgreSQL rule issues with the Source Editor
	Bug	DBE-7195	In "Database Changes" window, right-clicking on a single function/view and clicking on "revert" reverts all changed objects!
SQL Refactoring	Feature	DBE-636	SQL Intention: Introduce/inline table alias
	Bug	DBE-7178	Alias renaming in a view source editor fails to apply changes to all references
No subsystem	Feature	WEB-31391	Go to Angular component's HTML template from usage
	Feature	WEB-29005	Add support of -webkit-image-set in CSS
	Bug	WEB-35223	Deadlock on indexing
	Exception	WEB-35364	File processor exception on project close
CSS	Bug	WEB-35249	'Rearrange Code' action messes up CSS file if it contains import
	Usability	WEB-35013	Sort CSS properties: restore default custom order
CoffeeScript	Bug	WEB-34887	support coffeescript re-export statement
	Bug	WEB-14981	Existential Operator `?` on newline marked as invalid syntax, while invalid `?` usage is not marked
Dart	Bug	WEB-35068	Dart completion prevents from typing a number literal
	Usability	WEB-28503	Possibility to specify Dart Dev Server port for a Web app to facilitate using local storage such as indexeddb
Debugger	Bug	WEB-35613	Can't run Node debug session if there mappings for 127.0.0.1 in /etc/hosts
	Bug	WEB-34990	Debugger doesn't update breakpoints positions
HTML	Feature	WEB-34944	Add inspection: an HTML element has no title attribute
JSON	Feature	WEB-35463	Add a checkbox to prefer remote JSON schemas over bundled schemas
	Feature	WEB-35323	Add "Surround with > quotes / array literal" for JSON

	Feature	WEB-35148	Add comma when pasting lines into JSON
	Bug	WEB-35303	'rulesDirectory' in tslint has two possible type variants, but we suggest only array in code completion
	Bug	WEB-35302	Incorrect type detection for TSLint 'rules' in JSON code completion
	Bug	WEB-35358	JSON: "Surround with > quotes / array literal" doesn't surround several items inside array
	Bug	WEB-35318	JSON pointers do not follow proper URL encoding
	Usability	WEB-35385	JSON: merge the user whitespace with whitespace auto-inserted by typed handler
JavaScript	Bug	WEB-34315	Error in Javascript inspection and code completion
	Bug	WEB-35191	"Type mismatch" inspection: false positive when using `return;`
	Bug	WEB-35141	Flow: CMD-hover type lookup does not work across files
	Bug	WEB-35384	Flow: class generic arguments are not supported properly
	Bug	WEB-35243	Completion for overrides: place caret inside the method body
	Bug	WEB-35274	Provide quick documentation for arrow function parameters, where referenced within the function
	Bug	WEB-32933	Can't resolve sortBy import from lodash
	Bug	WEB-30683	Add patterns to allow configuring language injection in JSX tags
	Bug	WEB-34702	"Contents of collection are queried, but never updated" when using ternary operator
	Bug	WEB-35356	JavaScript: enable base "navigate to source" for global @types libraries
	Bug	WEB-30290	Some JS intentions break code formatting when invoked
	Bug	WEB-35327	Invalid code check warning (false positive): Type boolean is not assignable to type boolean
	Bug	WEB-35253	Generating overrides doesn't respect generator methods
	Bug	WEB-25867	Resolve webpack built-in plugins
	Bug	WEB-35419	'Copy qualified name' doesn't work for tags in Flow & React projects
	Performance	WEB-35280	High memory usage while working with JS
	Usability	WEB-33854	Generate 'switch' cases action improvements
	Exception	WEB-35658	IllegalArgumentException: Argument for @NotNull parameter 'element'
	Exception	WEB-35047	periodic PsiInvalidElementAccessException when editing js
JavaScript Frameworks	Feature	WEB-35156	Language completion for script and style tags in Vue templates
	Feature	WEB-35435	Improve handling of Angular entities
	Bug	WEB-35297	Project template dropdown should be disabled when creating vue application via @vue/cli3
	Bug	WEB-34857	Angular: support type evaluation of template references which bind to directives
	Bug	WEB-32129	Angular: `ng-zorro-antd` directives not resolved
	Bug	WEB-32886	Vuetify 1.1 typescript components not resolved
	Bug	WEB-35716	Fix Vuetify 1.3.4 components
	Bug	WEB-29827	Angular Material: material table structural directives are not recognized when using asterisk notation
	Bug	WEB-35361	vue and blade conflict

	Bug	WEB-31647	Angular: no completion/resolving for custom directive bindings
	Bug	WEB-35672	Angular Material - Attribute dataSource is not allowed here
	Bug	WEB-35670	@vue/cli project creation can't be finished
JavaScript. Refactoring	Feature	WEB-35341	'Convert to named function' intention should work for arrow functions assigned to class fields
	Bug	WEB-32734	Rename for class and file together should always search for the file references
Live Edit	Bug	WEB-35736	'Elements' tab is empty when debug HTML
Node.js	Feature	WEB-34226	Use NODE_OPTIONS for Node.js debugging
	Bug	WEB-35413	Stepping resumes execution after pause on first breakpoint
	Usability	WEB-35031	Do not auto-exclude `dist` within node module folder if there are `module` or `esnext` keys referencing files from `dist`
TypeScript	Bug	WEB-35178	Typescript: generate constructor omits optional parameter specifier when used with React
	Bug	WEB-25990	TypeScript: Contents of collection are updated but never queried (destructuring case)
	Bug	WEB-35345	TypeScript getter and setter generation should honor the "Use 'public' modifier" setting
	Bug	WEB-35278	Convert to field holding arrow function generates redundant access modifier
	Bug	WEB-35277	Private methods should not be in the completion list for inherited classes
	Bug	WEB-34587	False positive "Abstract class constructor can be made protected"
	Bug	WEB-34100	False positive JSMismatchedCollectionQueryUpdate for object literal
	Bug	WEB-35329	Improve suggestion Typescript Extract, Exclude types
	Performance	WEB-34669	Intellij Idea is freezing every couple of seconds, blocked threads in the dump