

GoLand 2018.1 Release Notes

Go Build	Task	GO-2029	Do not produce run configurations on example function without output
Go Completion	Feature	GO-5411	Negate expression when completed with "!" char
	Feature	GO-5299	Add pointer postfix
Go Debugger	Feature	GO-4867	Add option to run debugger by attaching to existing process
Go Documentation	Feature	GO-5468	To add ability to create a scratch file with an example from documentation
	Feature	GO-5237	Generate comment intention
	Bug	GO-4948	Quick documentation for packages doesn't show up on some package references
	Cosmetics	GO-2938	Add package name to top in documentation
Go Editing	Feature	GO-4094	Add the postfix .if template
	Feature	GO-4701	Add missing return values should add empty structures
	Feature	GO-1730	Import package quick fix should suggest packages with matching name that contain the remainder of the content
	Feature	GO-5372	Insert missing imports while creating a scratch file from selection
	Bug	GO-5483	Do not format special go: comment
	Bug	GO-5482	Uncommenting removes extra character
	Bug	GO-5282	Incorrect highlight when argument and package has same name
	Bug	GO-4662	Bad code green
	Bug	GO-5165	Allow to enable/disable builtin postfix templates
	Bug	GO-5125	Postfix template is applied to wrong expression
	Bug	GO-4182	Import C is not offered as an option for package to import
	Bug	GO-5477	Restore ability to distinguish interface and struct type references in color schem
	Go Formatter	Feature	GO-1302
Bug		GO-5416	Incorrect indent on enter
Bug		GO-5417	Incorrect indent on enter after package statement
Bug		GO-5403	Option Reformat Code does not work correctly
Go General	Feature	GO-5323	Expose Extension Points for run configuration
	Feature	GO-5515	Upgrade delve to 1.0.22
	Feature	GO-4359	Create Go Scratch Files with predefined template
	Feature	GO-5445	Autodetect Go installed from snap
	Bug	GO-5364	Use IDE proxy settings while running go get
	Bug	GO-5385	Deadlock during vendor directories update
	Bug	GO-5253	Duplicate entry in Go SDK list
	Bug	GO-5381	Go 1.9.2 selected over Go 1.10 SDK in new projects
Go Inspections	Feature	GO-5466	Highlight methods defined on type, that aliases type from another package
	Feature	GO-5167	Recursive type alias declaration is not detected
	Feature	GO-3539	Type shadowing error is not reported
	Feature	GO-5335	Invalid type switch not detected
	Bug	GO-5362	To report possibly malformed +build comment in build tag inspection

	Bug	GO-5453	Incorrect type resolution
	Bug	GO-4545	Suppress all inspections for method adds a comment triggering "Comment should start with whitespace"
	Bug	GO-5211	Deprecated constants are not marked as so by UI if used in map's keys
	Bug	GO-5196	Long comment using /* */ vs. "Comment of exported element starts with incorrect name" inspection
	Bug	GO-5274	IDE error while reporting printf format errors
	Bug	GO-5471	False error reporting in editor for go code that compiles
	Bug	GO-5389	Empty slice declaration suggests to remove used variable
	Bug	GO-5331	Missing "duplicate key in map" inspection for a non-literal key
	Performance	GO-5330	Slow inspection
	Usability	GO-5317	"Empty slice declaration via literal" inspection's quick fix is potentially dangerous
Go Parser	Bug	GO-5064	Type not resolved and false positive: Too few values inspection
Go Refactorings	Bug	GO-5243	Postfix template not invoked
	Bug	GO-5480	Cannot perform extract variable on function call with multiple return values
	Bug	GO-5391	Introduce method quick fix breaks the code
	Usability	GO-5358	Optimize imports during move refactoring
Go Testing	Bug	GO-5328	"Nothing here" test gutter button
No subsystem	Bug	GO-5429	Bug: dep advertisement and GOPATH indexing disabling does not happen sometimes when opening random folder as new project
	Bug	GO-5464	Dep integration suggested when dep project is inside vendor directory
	Bug	GO-5463	When use type alias with a type in a sub package, the alias is detected with an incompatible type.
Go Type Inference	Feature	GO-5188	Constant expressions with untyped expressions and typed expressions are incorrectly evaluated
	Bug	GO-5496	Type mismatch on shift operations
	Bug	GO-5190	Wrong types validation for type alias
	Bug	GO-5408	False positive type mismatch on aliases
No subsystem	Bug	IDEA-186858	Scrollbars not visible in Run and Debug output - can't scroll
	Bug	IDEA-187695	Idea logging from the "Periodic tasks thread" leads to a deadlock
	Bug	IDEA-76438	Directory diff: can't resize the columns
	Bug	IDEA-185805	Reset Default Scheme removes duplicated Scheme
	Bug	IDEA-187505	Locally-referenced images are not displayed in quick doc
	Bug	IDEA-185285	Navigate Class/File/Symbol, Find in Path popup windows don't pick characters for input method
	Bug	IDEA-186977	NullPointerException appears on Welcome screen after typing
	Exception	IDEA-187858	NPE on search in settings if nothing was found
	Exception	IDEA-188163	BUG latest EAP Idea ultimate HttpVirtualFileImpl cannot be cast
Code Formatting and Code Style	Bug	IDEA-166202	<pre> tags in Javadoc should not be wrapped
	Bug	IDEA-186983	NullPointerException at saving changed code folding settings
Code Navigation	Performance	IDEA-187744	High CPU usage when idle, never stops

	Usability	IDEA-187037	Provide ability to change name and presentation of 'Navigate Class' action in IntelliJ-based IDEs
Debugger	Feature	IDEA-153569	Copy current thread stack trace
	Bug	IDEA-187528	Quick evaluate with lambdas broken
	Bug	IDEA-187709	Huge number of captureXXXX.props files created under C:\Users\Миша\AppData\Local\Temp.
	Bug	IDEA-187338	Async stacktraces may not work with several debug sessions
	Bug	IDEA-187968	Expressions in window watches are not editable
	Bug	IDEA-184352	java.io.FileNotFoundException
	Bug	IDEA-183804	Update default remote debugger config for jdk9
	Bug	IDEA-181303	java.lang.IllegalArgumentException by org.jetbrains.org.objectweb.asm.ClassVisitor while running JUnit tests with latest EAP
	Bug	IDEA-187632	Remove extra colon in breakpoint configuration
	Performance	IDEA-184521	Please re-enable killing processes via WinP
	Usability	IDEA-184710	No undo (Ctrl+Z) possible in the "Evaluate Expression" edit field after pressing "Evaluate"
	Docker	Feature	IDEA-171362
Feature		IDEA-185384	Docker. Support --cpus command line option
Feature		IDEA-184656	Support --shm-size, --security-opt, --name options
Bug		IDEA-187014	DockerCompose: Two nodes instead of one when folder name contains punctuation
Bug		IDEA-187158	DockerCompose: RunConfig. Different path separators: "/" and "\" in the "Comp Configuration Files" dialog
Bug		IDEA-187326	Invalid target key inspection in docker-compose.yml
Bug		IDEA-186952	DockerCompose. RunConfig. Choose Configuration File dialog: disable "Ok" until choose or auto-detect any file
Bug		IDEA-187035	DockerCompose: RunConfig: "Environment variables" field. Cut spaces at the beginning/end when saving
Bug		IDEA-186890	DockerCompose: correct the path to the chosen compose file: display all the "/" the same way
Bug		IDEA-186939	DockerCompose: No values are taken from .env file
Bug		IDEA-186934	DockerCompose: Deployed ok, but the content of the docker-compose node is empty
Bug		IDEA-187496	DockerCompose: False inspection error for the value: ulimits
Bug		IDEA-178756	compose YAML: support types with different scalar / sequence / dictionary representation
Usability		IDEA-187040	DockerCompose: RunConfig. "Choose configuration file or folder" dialog: provide multi-selection.
Usability		IDEA-187016	DockerCompose: Provide navigation by F4 and double-click from any compose node to the corresponding configuration file
Usability		IDEA-187025	DockerCompose: Change the icon for the root docker-compose nodes
Editor. Code Completion	Performance	IDEA-186114	Code completion is extremely slow
Editor. Editing Text	Feature	IDEA-178801	Multi-line pasting in line comments
	Bug	IDEA-188877	'<unknown> file changed' error message on undo
	Bug	IDEA-187135	Pasting multiple lines of Javadoc is broken

	Bug	IDEA-187042	arg postfix template incorrectly replaces whole line
Find, Replace, Find Usages	Bug	IDEA-187131	Find popup shows incomplete usages and doesn't indicate they're incomplete
	Bug	IDEA-185627	Regression: 'Search/Replace in Path' popup doesn't find usages under .idea directory even if explicitly invoked on that directory
	Usability	IDEA-175973	Enter file name search popup is not closing itself after losing focus when no value available in textbox.
	Usability	IDEA-186671	Find in path: automatically include project files into search scope if *.iml is set as a file mask
IDE Configuration	Bug	IDEA-187735	Comment live template macros show long description text in completion
Indices	Performance	IDEA-186709	freezes on older project open/branch checkout
Kubernetes	Feature	IDEA-185224	Kubernetes: Yaml. Validate Integer values
	Bug	IDEA-187853	Kubernetes. Yml. Labels: false inspection by empty label values
	Bug	IDEA-187357	Kubernetes. Yml. Labels: false inspection by empty labelValue and absent error key/value ending with "_"
	Bug	IDEA-187343	Kubernetes: improve "Change Notes" for plugin
	Bug	IDEA-184998	Kubernetes: Yml. QuickHelp. Show it for the completion list items
	Usability	IDEA-183805	Kubernetes: update the view of the quickhelp
Plugin Development	Bug	IDEA-188374	CommitChangeListDialog.commitAlienChanges shows empty changes browser (when it is not)
	Usability	IDEA-187502	Add module for IntelliJ IDEA Community as well as joint module for both Community and Ultimate
Refactoring	Bug	IDEA-176840	View / Expression Type just after closing pair character changes user selection
Run Debug configuration	Bug	IDEA-184007	Run dashboard debugger window very narrow
	Bug	IDEA-187519	Run button not disabled for for debug only run/debug configurations
Structural Search and Replace	Bug	IDEA-186640	SSR: extremely hard to edit patterns
Task Management	Bug	IDEA-187128	Generic task server configuration cannot be saved in settings
	Exception	IDEA-188672	Impossible to create any generic based repository in the recent EAP builds due to problems with serialization
Terminal	Bug	IDEA-186950	Exception on trying to evaluate java program that throws exception in terminal
	Exception	IDEA-187084	StringIndexOutOfBoundsException when execute Jest ui test
User Interface	Bug	IDEA-186989	Invoking "find action" in Evaluate dialog moves focus to the main window
	Bug	IDEA-187482	ToolWindow header becomes active when context menu is invoked on editor
	Bug	IDEA-186564	Default size of Edit configuration -> tasks before launch is just for 1 step
	Bug	IDEA-187284	HiDPI JVM option is ignored in IntelliJ IDEA 2018.1 EAP
	Cosmetics	IDEA-186151	New quick-doc: opening it many times causing gradual size growth
Version Control	Bug	IDEA-187108	Commit action does not respect file selection in Local changes
	Bug	IDEA-187101	EAP #IC-181.3870.7:Create partial patch does not work as expected
	Bug	IDEA-188319	Partial Commit: Pre-commit changes by "Update Copyright" hook will not be committed when committing non-active changelist
	Bug	IDEA-188501	Partial Commit: "Git Revert" action reverts changes, that are excluded by checkboxes

	Bug	IDEA-186725	Changes grouping by repository: confusing results for external VCS root if group module is used
	Exception	IDEA-188593	ISE at com.intellij.openapi.vcs.changes.ui.CommitChangeListDialog.\$\$\$reportNull\$\$\$0
Version Control. Git	Bug	IDEA-187375	Partial commit checkboxes are not always shown
	Bug	IDEA-187702	Git: Resolve conflict during rebase - "Accept Theirs" does not work
	Bug	IDEA-187706	Partial Commits: First included file is not selected in commit dialog by default
	Bug	IDEA-187335	On Partial Shelve reverts only selected changes are shelved, but the whole file is reverted
	Bug	IDEA-187748	Partial Commit: can't move file with changed line separators to another changeli
	Bug	IDEA-187425	Partial Commits: Exclude Lines From Commit action does not work with deleted blocks
	Bug	IDEA-187426	Partial Commits: Exclude Lines From Commit action does not work with selection left editor
	Bug	IDEA-185964	Git: Partial Commits: after turning the HighlightFilesFromNonActiveChangelists (the behavior becomes unpredictably wrong
	Bug	IDEA-187498	On partial shelve the changes excluded from shelve are moved to default changelist
	Bug	IDEA-185221	Git 2.16 considers Builtin SSH as simple client => `ssh variant 'simple' does not support setting port` error on remote operations
	Exception	IDEA-186769	CME at com.intellij.openapi.vcs.changes.conflicts.ChangelistConflictTracker.optionsChan
DB Console	Bug	DBE-2297	Changes to Tools > Database > User Parameters are only in effect until PhpStor is restarted
	Exception	DBE-5953	DBE-5953 AE: SqlPsiElementFactory#createROFile
DB Introspection	Feature	DBE-2102	Default constraints in MS SQL
	Bug	DBE-5968	Sybase: incorrect length for types nchar, nvarchar, unichar, univarchar
	Bug	DBE-4962	Cascade rules of foreign keys not correctly displayed for Microsoft SQL Server
DB Refactoring	Bug	DBE-634	MS SQL Incorrect statements for modifying a table column default value
IDE General	Feature	DBE-5999	Ability to sort items in structure pane
	Bug	DBE-6004	Run and Synchronize Options in Scratches and Console Window show GUIDS an not logical names
SQL Editing	Bug	DBE-5958	DB2: Syntax Error at temporal Table Select Statement with BUSINESS_TIME ali
	Bug	DBE-5928	Oracle: Don't report OVERLAPS function as error
	Bug	DBE-4532	Structure tool window view changed in recent IDE versions
	Bug	DBE-5896	MySQL dialect does not recognize CTEs
	Bug	DBE-5930	Oracle: ELSEIF should not be valid keyword
	Usability	DBE-2248	SQL: File Structure: table item is preselected if the caret is right after the last character of a column definition
	Usability	DBE-2249	SQL: File Structure: if current statement is not shown selection could be preset the nearest shown element
SQL Generation	Bug	DBE-5825	MySQL code generator: invalid CHARSET clause for column definition
	Bug	DBE-6052	SQL generator: create or replace with routines does not work
SQL Highlighting	Bug	DBE-5859	MySQL Create Table Syntax parse error
	Bug	DBE-5960	Window functions support for MySQL

	Bug	DBE-5952	False positive: Condition X is always true
	Bug	DBE-5791	oracle dialect -> support for TYPE records
	Bug	DBE-5995	PostgreSQL. Good code red. Custom sampling_method
	Bug	DBE-6028	CTE ("with" statement) and code folding are not working together (2018.1 EAP, MySQL 8/MariaDB 10.2)
	Bug	DBE-5891	Can't change SQL dialect for the injected string
	Bug	DBE-5935	PostgreSQL dialect Valid SQL marked as red
	Usability	DBE-5855	PostgreSQL CITEXT type and extensions not supported
User Interface	Feature	DBE-5515	Make it possible to choose default console for all project SQL files
	Bug	DBE-4822	"DB Consoles" from "Tool Windows / Files / Scratches" doesn't respect colors
	Bug	DBE-4273	Table Names Sort Does work on DB2 database
No subsystem	Bug	WEB-31520	TypeScript parse/syntax error: "formal parameter expected"
	Bug	WEB-31399	Surround with Emmet doesn't work with linewise selection of JSX
	Bug	WEB-31108	"closing tag matches nothing" shows on the correct tag of vue file
	Bug	WEB-31206	Renaming exported const does not rename import statement
	Bug	WEB-31444	When debugging Node.js, computer logs out after a while
	Bug	WEB-31412	React Native Run configuration does not start
CSS	Feature	WEB-7317	Provide option to complete styles from all CSS files even if current file has a styl tag
	Bug	WEB-31567	'<?php' symbols in CSS class completion
	Bug	WEB-18258	Update css-text spec
	Performance	WEB-30965	Slow CSS completion
Dart	Bug	WEB-31074	Formatting a dart file with syntax errors reformats the file with one token per lir
	Bug	WEB-31403	Dart Structure View missing sort button
	Bug	WEB-31482	Intention action list is sometimes wrong in Dart
	Bug	WEB-31486	Dart code completion list is incorrectly sorted
	Task	WEB-31498	Auto-exclude .dart_tool folder
Debugger	Bug	WEB-22818	Debugging with sourcemaps doesn't work when using `null` as `file:` value
	Bug	WEB-31161	Object not totally copied on Copy Value
	Bug	WEB-31589	Warning about breakpoints in JSX tags with event handlers
	Bug	WEB-31314	Client-side debugging pauses in same-named files loaded before the file breakp is set in
	Usability	WEB-30689	Blank page opened when debugging Chrome with custom profile if Chrome insta from same user data directory is running
File Watchers	Bug	WEB-31413	File watcher (prettier) marks files as generated files
	Usability	WEB-27952	File Watchers which modify the current file cause prompts to Reload From Disk (Undo)
JSON	Usability	WEB-31904	Kubernetes. Json. Add "type" tip into the inspection error description.
JavaScript	Feature	WEB-31369	Support revised standard for template strings lexing
	Feature	WEB-30918	webpack 4: exclude dist folder by default
	Feature	WEB-13397	Filename<->Class detection on Rename

Feature	WEB-27638	Support Named capture groups for JavaScript RegExps	
Feature	WEB-27640	Support RegExp lookbehind assertions	
Feature	WEB-31275	Intentions: 1) move type into separate file with matching name, 2) rename file to match type name	
Feature	WEB-29250	Support yarn workspaces (better indexing of node_modules parent directories)	
Feature	WEB-31581	Code style for JS file names	
Bug	WEB-29193	JSDoc formatting of @example blocks could be better	
Bug	WEB-31610	Cannot parse valid Flow syntax for generic lambdas in type annotations	
Bug	WEB-31616	Flow: 'declare export default' is supported incompletely	
Bug	WEB-31629	Flow: cannot parse signature with multiple parameters represented by union type	
Bug	WEB-31613	Flow: weird 'declare expected'	
Bug	WEB-31612	Cannot parse generic lambda as type argument in Flow	
Bug	WEB-31615	Flow: cannot parse call signature in ambient class	
Bug	WEB-31614	Flow: incorrect lexing of generic lambda with lambda as a parameter	
Bug	WEB-31361	No 'abstract class / interface cannot be instantiated' warning when implementing JSDoc interface with imports	
Bug	WEB-31336	Problems with private fields	
Bug	WEB-19719	ES6: The `yield` and `new.target` keywords may not be used in an arrow function's body	
Bug	WEB-26860	Quick Documentation - JSDoc @property annotation not handled over multiple lines	
Bug	WEB-24352	JSDoc: Inline documentation window mangles the JSDoc comment text	
Bug	WEB-31346	Only first @example from JSDoc is properly shown in the documentation	
Bug	WEB-30113	Incorrect suggestion for empty return statement inside generator function	
Bug	WEB-31464	Simple Flow function return type syntax is not recognized	
Bug	WEB-31637	Flow and TypeScript: trailing commas are okay in generic parameter lists, but we don't parse that	
Bug	WEB-31633	Flow: 'declare function' should be allowed to have unnamed parameters	
Performance	WEB-31271	IDE Hangs	
Performance	WEB-31630	Very high CPU usage when indexing node_modules	
Usability	WEB-31473	Flow's output changed in version 0.66, now the IDE's Flow error messages need to be adapted	
Task	WEB-31296	Remaining things about private JS class members	
Task	WEB-31469	webpack 4: update config schema	
JavaScript Frameworks	Feature	WEB-28160	Vue.js Add opportunity to create a new vuejs project
	Bug	WEB-30287	Code completion for TypeScript Vue components
	Bug	WEB-31439	Create a method from angular template with params generates red code
	Bug	WEB-31480	Win. Wrong symbol when creating vue project
	Bug	WEB-31484	Renaming an angular component should suggest to rename file according to Angular style guide
	Bug	WEB-31475	Vue CLI: do not show progress as a separate dialog window
	Bug	WEB-31474	Vue CLI: reset project creation on pressing cancel
	Bug	WEB-31479	Project template dropdown should be disabled for @vue/cli

	Bug	WEB-31506	Vue create project: empty combo box for linter selection
	Bug	WEB-31646	Vue: generate imports when completing not global vue-class-components
	Bug	WEB-31580	Auto import of Vue components doesn't respect Auto Import preferences
	Bug	WEB-31512	Generating Angular Components doesn't work
	Bug	WEB-31829	[React Native Configuration] - Runs simulator when `Build and launch` disabled
	Usability	WEB-31675	Vue extract component: add action, corresponding to intention, into Refactor and Refactor This groups
	Cosmetics	WEB-31499	Vue CLI: update texts
	Cosmetics	WEB-31476	Vue CLI: capitalise yes-no answers
	Task	WEB-31545	Update Angular Live Templates
JavaScript. Refactoring	Bug	WEB-31477	Exception when moving Angular component class
	Bug	WEB-31588	'Rename class in file' dialog shown when not necessary
LESS	Usability	WEB-31609	Default Less File Watcher options are not optimal
Linters	Feature	WEB-31158	Support reformatting non-JS files with 'prettier' (CSS, vue, markdown, etc)
	Bug	WEB-31363	Prettier: Settings: correctly layout labels and do not mark page as changed when no action was performed
	Bug	WEB-31339	Prettier: hide "Reformat with Prettier" action for not supported files
	Bug	WEB-31022	ESLint: Cannot get result from language service
	Bug	WEB-31465	vue project created by <vue cli 3.0> has no eslint error inspection in ".vue" file
Node.js	Feature	WEB-29184	Add tab with stdout/stderr in Node.js run/debug tool window
	Feature	WEB-31207	Support npx in project generators
	Bug	WEB-31352	Readme for npm package is not detected if module has a slash in the path
	Usability	WEB-31323	Check installed dependencies should not work inside node_modules
SASS	Bug	WEB-31193	Go to symbol for Sass/SCSS mixins and variables doesn't work when typing das
Stylus	Bug	WEB-31356	Vue stylus deep selector error CSS_PERIOD
TypeScript	Feature	WEB-31364	Support mapped type modifiers overriding (TS 2.8)
	Feature	WEB-30820	Add type guard statements to postfix templates
	Bug	WEB-31457	TypeScript: incorrect resolve for overrides when we have several merged interfaces
	Bug	WEB-31620	inlining variable produces incorrect code
	Bug	WEB-31493	TS valid syntax marked as invalid: readonly async
	Bug	WEB-31397	'Specify type explicitly' produces 'void' for generators
	Bug	WEB-31402	Create method when missing should create it under imports
	Bug	WEB-31405	Invalid priority of 'as' expression in TypeScript
	Bug	WEB-30042	JS unused local symbols inspection reports many false positives for unused parameters in .ts files
	Bug	WEB-31333	Cannot parse 'async async' or 'async public' in object literals
	Bug	WEB-31374	Typescript: can't infer type from non-existing optional property
	Bug	WEB-31470	Getter/Setter should be generated with the same access type
	Bug	WEB-30637	'Create Method' not working on instance of a generic class in TypeScript
	Bug	WEB-31540	StackOverflowError occurs when parsing TypeScript with certain generics
	Bug	WEB-31385	Type of '+' expression is evaluated as dynamic in TypeScript

	Bug	WEB-31388	'Make private'/ 'Make static' fixes generate incorrect code with generators
Unit Tests	Bug	WEB-31383	Degraded mocha support if dev dependencies only include electron-mocha but not mocha itself