

WebStorm 201.3803.72 Release Notes

No subsystem	Feature	WEB-25666	Add option to configure injected fragment background for each language separat
	Feature	WEB-41530	"Run anything" should offer scripts from package.json without typing "npm run"
	Feature	WEB-43061	jsconfig.json baseUrl is not supported
	Bug	WEB-42872	'Infer parameter types from usage' duplicates types
	Bug	WEB-42756	Typescript: Attempt to assign to const or readonly variable, when assigning to va
	Bug	WEB-42511	'Run anything' shows scripts from wrong package.json
	Task	WEB-42926	Rearrange inspections in the settings: TypeScript/JavaScript categories
CSS	Bug	WEB-43153	Color Picker dialog issues: wrong traversal order on tab, not updated colors.
	Task	WEB-43006	Remove information about CSS level and browser support from completion popu
	Task	WEB-43231	Make css.supportedFileTypesProvider extension point dynamic
Debugger	Bug	WEB-41834	Debugger opens incorrect file (same-named instead of the file with breakpoint)
	Bug	WEB-43008	"Open Source" in Scripts view doesn't work
	Bug	WEB-30889	JavaScript Debug is not working for version 2017.3.3
	Bug	WEB-12527	Django/JavaScript Debugging Broken in 3.4
File Watchers	Bug	WEB-43079	Extremely wide File Watcher dialog (if Unit File Support plugin is enabled)
HTML	Bug	WEB-36211	Custom "data-" attributes on SVG elements in HTML are reported as not allowed
	Cosmetics	WEB-43036	Remove tag background in IntelliJ Light theme
JSON	Bug	WEB-40292	x-intellij-language-injection doesn't function in yaml for array items
JavaScript	Feature	WEB-22664	Delete ECMAScript 3 JavaScript version
	Feature	WEB-38886	IntelliJ IDEA cannot find test case when using template string with variable
	Feature	WEB-43013	JavaScript: provide completion for object literal properties with "this." prefix
	Feature	WEB-40267	Add intention: Convert to optional chaining and/or nullish coalescing
	Feature	WEB-42183	Make JavaScript 1.8.5 disabled in the list of JavaScript language versions
	Feature	WEB-43074	ES6 imports navigation can work in dumb (indexing) mode
	Bug	WEB-43014	JavaScript: "insert this" quick fix doesn't work for object literals and class fields
	Bug	WEB-43146	No completion for `function` keyword after `new Classname` without semicolon
	Bug	WEB-42791	False positive "Method expression is not of Function type"
	Bug	WEB-42873	'Infer parameter types from usage' incorrectly infers rest parameter type
	Bug	WEB-42890	JavaScript: for-of -> for-indexed conversion doesn't work for inferred types
	Bug	WEB-42866	'Infer parameter from usage' should not be invoke many times in JavaScript
	Bug	WEB-43041	JavaScript: make JS parser more tolerant to typos
	Bug	WEB-20955	ES6: re-exported binding resolve support (ESNext proposal)
	Bug	WEB-42816	JavaScript: add loop live templates with better names
	Bug	WEB-42888	Rendering of enum members with non-identifier names is incorrect in 'specify ty
	Bug	WEB-42659	Import statement is marked as deprecated
	Bug	WEB-40312	"Invalid number of arguments, expected 0" when passing message to superclass
	Bug	WEB-43082	Overridden is shown twice while actually it's overridden once
	Bug	WEB-43345	'Extract variable' creates duplicate code fragment when invoking the whole line

	Bug	WEB-43274	WebStorm shows debug information inside hover doc popup
	Performance	WEB-42509	PhpStorm takes an extremely long time to run code analysis and inspections on j
	Performance	WEB-42985	Memory and processor consumption peaks on a node project with 4 files and 4 libs
	Task	WEB-42591	Remove old JavaScript versions from the list of languages for scratch files
	Task	WEB-42498	Remove intention 'Swap method call arguments'
	Exception	WEB-20585	com.intellij.openapi.project.IndexNotReadyException on Refactor - Move of node
	Exception	WEB-42867	'infer parameters from usage' doesn't work with export
	Exception	WEB-42865	'infer parameters from usage' inserts generics after the variable name when appl expressions
JavaScript. Frameworks	Bug	WEB-40644	Missing usage of private members in Vue components
	Bug	WEB-42213	No completion of custom directives in component with splited template and scrip
	Bug	WEB-37146	Webstorm incorrectly complains that "data-" attribute is not allowed on Angular e
	Bug	WEB-39230	Angular i18n. Support for i18n-* attributes
	Bug	WEB-42269	Vue: Vuetify VLayout justify-center attribute reports "Wrong attribute value"
	Bug	WEB-42492	Angular: stale state of Angular project detection
JavaScript. Inspections	Feature	WEB-26818	Add inspection for converting let to const when possible
	Feature	WEB-42870	JavaScript: enable "Import can be shortened" inspection
	Bug	WEB-30908	Use arrow functions when converting loop to forEach call
	Bug	WEB-40666	Add errors for variable count/initializers and lhs expressions in for-of and for-in l
	Bug	WEB-42478	Changed Inspection Severity Level to Error for Duplication Javascript declaration
JavaScript. Refactoring	Feature	WEB-42979	Inplace 'Introduce variable/field/parameter' when having subexpressions
	Feature	WEB-42951	Inplace 'Introduce field' refactoring for JavaScript/TypeScript
	Bug	WEB-43087	'Propagate to destructuring declaration' inconsistent availability
	Bug	WEB-38246	'Extract method' doesn't check for member accessibility in case of static member
	Bug	WEB-37665	Replace if-else with ?: is not working with variable initialization
	Usability	WEB-43151	Problems with name suggestions when using Extract interface or type alias
Node.js	Feature	WEB-42784	Coding assistance for environment variables stored in .env files
	Feature	WEB-37505	Use .env files to set environment variables for projects
	Feature	WEB-40015	Code auto completion for environment variables stored in nodemon.json
	Bug	WEB-42577	Support nvm aliases in .nvmrc
	Bug	WEB-43279	Unable to run Node.js with UNC WSL paths
	Bug	WEB-43022	Can't set project in Run anything
	Bug	WEB-42738	Environment variables configured in run configuration are undefined when using
	Bug	WEB-43123	Node express via npx: RC isn't created with project
	Bug	WEB-42997	IllegalStateException when change node interpreter in RC
	Usability	WEB-43103	RecordModuleIntoPackageJsonQuickFix should add existing version instead of lat
	Exception	WEB-43096	New Project Wizard fails with 'settings.nodejs.name' is not found
	TypeScript	Feature	WEB-36079
Bug		WEB-43209	Importing tsconfig file in IDE produces SOE
Bug		WEB-42753	Regression: Inspection "JavaScript Probable bugs Result of method call returnr ignored" does not work in async functions anymore

	Bug	WEB-39714	Code completion in TypeScript should show types in code completion for generic incomplete new-invocation
	Bug	WEB-43178	False warning "Unused assignment" on Optional Chaining
	Bug	WEB-42807	Invalid 'Type mismatch' warning with callback, generic constraints and destructuro
	Bug	WEB-43228	Double "Create getter/setter" intention for ts files
	Bug	WEB-43084	Excluding ".d.ts"/".js" files with a ".ts" sibling works unreliable
	Bug	WEB-42982	TypeScript: code that compiles with `tsc` does not compile in WebStorm
	Bug	WEB-43090	TS non-null assertions should be affected by type guards (currently are not)
	Bug	WEB-43069	Type guard is incorrectly evaluated for a destructuring variable with default value
	Bug	WEB-42974	Property name completion picks up unrelated properties based on parameter nar
	Bug	WEB-40117	TypeScript - cannot auto-complete "readonly" in generic type
	Bug	WEB-43385	Wrong highlighting for errors from the TypeScript service
	Bug	WEB-43192	Resource import query string lost when moving TypeScript file
	Bug	WEB-43236	Properties in class constructor shouldn't resolve to lib.dom.d.ts
	Bug	WEB-43174	Contents of collection are updated, but never queried
	Performance	WEB-42611	UI Freezes on selecting 'Directories' in Preferences
	Performance	WEB-42053	Type hints cause StackOverFlow exception in TypeScript 3.7 due to type recursio
Unit Tests	Feature	WEB-35869	WebStorm doesn't detect "function-value named" Jest tests
	Feature	WEB-28462	mocha: can't run single test if test name is an expression (nothing here)
	Feature	WEB-35970	WebStorm does not recognize Jest tests in nested functions
	Bug	WEB-43168	Mocha tests not recognized when being wrapped in "parallel()" call
	Bug	WEB-32426	Jest: testNamePattern does not handle template string
	Bug	WEB-32774	Some Jest describe statements are not recognized
	Bug	WEB-31065	mocha/testing: generated suites aren't detected for gutter icons
	Bug	WEB-32050	Run mocha test with template literal describe description gives "Empty test suite
	Bug	WEB-35107	Jest: describe.each and test.each are not recognized
	Bug	WEB-42474	Incorrect test runner name in gutter
	Bug	WEB-34951	Tests with describe.skip.* dont detected as tests
	Bug	WEB-43208	Mocha: show nyc coverage for .tsx files for default configuration
	Bug	WEB-42279	'Cannot find runner' when selecting a recent test session from Test History
Code Analysis. Inspection	Bug	IDEA-230363	Freeze in StreamApiMigrationInspection when StringBuilder-append-loop is follow another StringBuilder
	Bug	IDEA-198830	Slow inspections in IDEA
	Bug	IDEA-229617	NullPointerException in ex.GlobalInspectionContextImpl
	Bug	IDEA-218302	On pressing F2 only one problem is shown in the inspections tooltip
	Usability	IDEA-227280	Running Inspections From Command Line: Errors logged for every missing descri
Code Analysis. Language Injection	Feature	IDEA-230418	Apache DbUtils: add language injections for AsyncQueryRunner
	Bug	IDEA-230409	jOOQ: DSLContext.batch() injections disappear at adding comma before the next
Code Analysis. Structural Search	Feature	IDEA-229632	Support regex type filter and allow to select/switch in UI
	Feature	IDEA-203910	Find enhanced switch statements and switch expressions
	Bug	IDEA-226256	Can't find comments in XML/HTML
Core.	Usability	IDEA-225449	View action for multiline strings in debugger

Debugger	Exception	IDEA-227153	NPE at com.intellij.xdebugger.impl.evaluate.quick.XDebuggerInstanceTreeCreator\$Instance.computeChildren
Core. Diagrams	Feature	IDEA-229795	Support record creation on UML diagrams
Core. IDE Settings	Feature	IDEA-22407	Follow XDG directories on Linux
	Feature	IDEA-26855	Store IDEA caches under LOCALAPPDATA directory by default
	Bug	IDEA-228645	Some of the bundled plugins only show up when searched for in the actions pane page.
	Bug	IDEA-225446	Make inlay hint list in settings searchable
Core. IDE Settings. Sharing	Bug	IDEA-229449	Settings sync via JetBrains Account broken after update
	Cosmetics	IDEA-207765	Illegible small font on regular DPI monitor for dialog IDE Settings: Sync Plugin
Core. Indexing	Feature	IDEA-225580	Make "find in path" work in dumb mode via TrigramIndex, IdIndex
	Usability	IDEA-227471	IDE unusable after copying a folder from explorer to project
Core. Installation	Bug	IDEA-230993	Relocate application directories on macOS
	Bug	IDEA-196722	Toolbox idea shell script is no longer able to understand relative paths on macOS
	Bug	IDEA-206343	[JRE 11 installers] There is suggestion to download jre for 32bit launchers, but it
	Task	IDEA-191884	Extract platform classes to separate JARs in IDEs distributions
Core. Licensing	Usability	IDEA-230372	Trim spaces in credentials fields
Core. Navigation and Search	Feature	IDEA-222802	Feature request: Quick Type Declaration
	Bug	IDEA-225211	2019.3 EAP unable to find file with "Content Root Path"
	Bug	IDEA-227390	Cannot see hierarchy of subclasses with the same name loaded from different m
Core. Platform API	Bug	IDEA-228530	False positive "Suspicious package-private access" with unrelated package-privat superconstructor
	Bug	IDEA-225026	submitTransaction code shouldn't be executed inside just appeared progresses
	Task	IDEA-224840	Move ApiStatus annotations to java-annotations library
	Task	IDEA-228809	Fail tests when a recursion prevention leads to prohibited caching
Core. Plugin Management	Bug	IDEA-223587	Plugin Settings: No way to disable dependent plugins once the user pressed "can corresponding question dialog
	Bug	IDEA-225552	Plugin.xml parsing: strip whitespace from <depends> plugin ID tag value
	Bug	IDEA-225120	Search bar in Plugins Marketplace does not react to some search query changes
	Bug	IDEA-226962	Can't install Rust plugin on 2020.1 nightly
	Bug	IDEA-224020	dialog IDE and Plugin Updates doesn't appear on installing a plugin and closing tl
	Bug	IDEA-229856	Settings of a plugin aren't saved if the plugin is unloaded without restart
	Bug	IDEA-223517	Can't disable plugin with missing dependency
	Bug	IDEA-229608	Custom Plugin Repositories dialog: Just entered link is empty after reopening dia
	Bug	IDEA-198510	Action "Install plugin from disk" is not found in Find Action
	Bug	IDEA-231059	IDEA UI Freeze on disabling dynamic plugin
	Bug	IDEA-226516	Null pointer exception in `IdeaPluginDescriptorImpl.readDependencies` when ins plugin.
	Usability	IDEA-218479	Text on plugin pages with images is cut by right border, no horizontal scrollbar is
Core. Project Settings	Bug	IDEA-226998	IllegalStateException error when clicking "create new project" link.
	Task	IDEA-177242	Run FrameworkDetector#detect on background thread

Core. Quick Documentation	Bug	IDEA-226374	Constant String field evaluation shows PsiType prefix
	Bug	IDEA-225727	QuickDoc works incorrectly with getCustomDocumentationElement API
	Bug	IDEA-228532	Hard to get inspection error description when documentation popup is opened as
	Bug	IDEA-227429	QuickDoc doesn't update after selecting a different item for selection popup of "I "Use existing implementation" intentions
	Usability	IDEA-225426	Quick doc on hover doesn't work with injections
	Usability	IDEA-225722	Quick doc popup font is either too small or too big
Core. Refactorings	Bug	IDEA-224673	ProjectImpl leaked when IDE is closed during in-place refactoring
	Usability	IDEA-227118	Show modal dialog with progress on attempt to invoke non dumb aware action d
Core. Run. Configurations	Bug	IDEA-216053	A UI freeze on every opening of a run configuration with a custom JRE
	Usability	IDEA-220223	Group run configuration templates
Core. Run. Targets	Feature	IDEA-224928	Add 'Manage Targets' to the Run menu
	Feature	IDEA-224139	Add pre-filled values for language runtime paths
	Bug	IDEA-225182	Java debug does not work for Docker target for JDK 9+
Core. Statistics	Exception	IDEA-228826	ERROR when open GoLand 2020.1 with plugin that defines registry key
Editor. Code Completion	Bug	IDEA-182741	Completion works for one row only when you're in column selection mode and of Template dialog
Editor. Copyright	Bug	IDEA-226263	EPs to make dynamic
	Bug	IDEA-225973	Copyright plugin doesn't add any copyright into plain text file
Editor. Diff and Merge	Feature	IDEA-224803	Possibility to diff arbitrary ZIPs
	Feature	IDEA-203246	Show breadcrumbs in diff window
	Bug	IDEA-224802	ZIP/directory-differ does not allow to change between archive / directory
	Bug	IDEA-224804	ZIP-differ does not allow to change any ZIP file, but only JARs
	Bug	IDEA-229059	Blinking highlighting when editing in Unified view
Editor. Editing Text	Bug	IDEA-219307	Chinese font BUG
	Bug	IDEA-181263	Block comment messes up auto-indentation below it
	Bug	IDEA-224887	Extending selection strange highlights text block content
	Performance	IDEA-226443	Calculate method parameter hint info in non UI thread
	Usability	IDEA-211165	Line number converter function cannot set current line to zero
	Usability	IDEA-81802	Drag'n'Drop functionality in editor unexpectedly begins dragging selected text ev under the cursor
Editor. Formatter	Bug	IDEA-223939	Formatter results are inconsistent. Tabs and spaces in indentation appear in differe
	Bug	IDEA-218720	EditorConfig: Open File to Preview Code Style OpenFileDialog opens in different p
	Exception	IDEA-227185	AssertionError: Already disposed: Project from CodeStyleCachedValueProvider\$A
Editor. Intention Actions	Feature	IDEA-229247	Add intention Copy string to the clipboard
	Exception	IDEA-226405	Java plugin is not recognized as a production of JetBrains
Lang. JSON	Feature	IDEA-228220	Option to add description for enum values in JSON SCHEMA
	Feature	IDEA-223598	provide context to x-intellij-language-injection in json schemas
Lang. Markdown	Bug	IDEA-227021	Reference link is not rendered properly in Markdown preview
	Exception	IDEA-228789	Markdown changes PSI/document/model during highlighting
Lang. RegExp	Bug	IDEA-144332	False positive: Annotator: Unknown character category: \p{Block=CombiningDia
Lang. Shell Script	Bug	IDEA-230061	Parsing error when a function test is defined in a script

	Bug	IDEA-230393	Explainshell action does not properly escape plus and ampersand
Lang. XML	Bug	IDEA-229461	Help Resolving XML Catalog URIs
	Bug	IDEA-210737	XSD Generator crashes IDEA
Lang. YAML	Bug	IDEA-229869	prometheus.yml -> Required: null, Actual: null
Tools. Docker	Bug	IDEA-230073	Cannot start Docker: only error message is "Cannot connect: java.io.FileNotFoundException"
	Bug	IDEA-214932	docker-compose inspection doesn't recognize "unless-stopped" as valid value
	Bug	IDEA-180157	Docker Run configuration : replace JSON file with explicitly listed options in CLI f
Tools. Terminal	Bug	IDEA-230321	When opening link from IDE Terminal extra characters (e.g. s, ms, 5ms) are add link
	Bug	IDEA-227054	Fish terminal integration loads functions after conf.d (unlike fish itself)
User Interface. Accessibility	Cosmetics	IDEA-186539	Rework UI text for I18nize Hardcoded Strings dialog
User Interface. Action System	Bug	IDEA-228620	Mouse event logged instead of Keyboard event for menu actions
	Bug	IDEA-217670	Mnemonics for Replace -> Replace all (Alt + A) doesn't work in macro when the shortcut is defined
	Performance	IDEA-225060	First "Go to action" is too long
User Interface. Find, Replace, Usages	Bug	IDEA-199657	RegExp: named groups don't work in Find/Replace in Path
	Bug	IDEA-227990	Resizing preview in Find in Path doesn't always work on macOS
	Bug	IDEA-192260	Toggling "Merge usages from the same line" in find references popup cycles between different result lists???
	Bug	IDEA-226984	Search field in editor bug (when two lines are pasted in)
	Task	IDEA-225632	EPs to make dynamic
User Interface. Focus	Bug	IDEA-229146	Fix for JBR-2021 on IDEA-side
	Bug	IDEA-218418	IDE remains in background when invoked Jump to source (F4) from another window
	Bug	IDEA-227001	Focus jumps from Tool Window to Editor on opening tool windows in a row
User Interface. Keyboard Input	Bug	IDEA-227295	Unable to use arrow buttons to expand/collapse recent projects group on welcome screen
	Bug	IDEA-228793	Shortcut VS mnemonic collision
User Interface. Look and Feel	Feature	IDEA-228866	Preview while changing themes
	Bug	IDEA-201293	Some colors are not changed on switching theme
	Bug	IDEA-216658	IntelliJ LaF: context menu triangle icon
	Bug	IDEA-216753	IntelliJ LaF: tool window headers have increased font size on Mac
	Bug	IDEA-216556	IntelliJ LaF: disabled combo background looks incorrect
	Bug	IDEA-231105	Color scheme is reset to "IntelliJ Light" in 2020.1 if a custom color scheme was saved
	Cosmetics	IDEA-229812	Blue frame of "Create new project" on Welcome screen is thin
	Task	IDEA-226805	Move Windows and macOS themes to plugins
	Task	IDEA-216580	IntelliJ LaF: Help button on Windows and Linux
	Task	IDEA-217993	Rename color scheme/theme actions in Quick Switch Scheme popup
	Task	IDEA-230997	Bundle macOS Light Theme and Windows 10 Light Theme plugins with all JetBrains
User Interface. Navigation	Bug	IDEA-228670	Recent Files: restoring scrolling position broken?
User Interface. Project View	Feature	IDEA-227694	"Go to link target" command should work for files under linked directories
	Task	IDEA-178054	Problem with understanding hierarchy in directory tree
Version Control. Git	Feature	IDEA-209996	Show "Incoming/Outgoing commits" indicator for current branch in the status bar

	Feature	IDEA-205386	Add a refresh (fetch) option to Git Branches popup
	Bug	IDEA-230378	Trying to resolve conflicts between unrelated histories fails
	Bug	IDEA-206427	IO commits: No 'update fail' message after unsuccessful attempt of authenticatic
	Bug	IDEA-207187	Incoming Changes indicator in branches popup doesn't disappear after update
	Bug	IDEA-211338	Git: incoming/outgoing changes checking always fails for the private github repo:
	Bug	IDEA-211334	Git: incoming/outgoing changes checking is not performed after successful pull
	Bug	IDEA-230806	Git installation is not detected on Windows if not in the PATH
	Usability	IDEA-226783	Extend existing "New Branch From Selected..." branches popup action to allow cr without checkout
	Cosmetics	IDEA-229854	Git Checkout Problem dialog: change text about stashing changes
Version Control. Log	Performance	IDEA-219710	IntelliJ 2019.2 high cpu usage (with git) at idle.
	Exception	IDEA-229187	Clicking on Log tab of Git tool window generates exception (intellij-community m
Version Control. Subversion	Bug	IDEA-226333	SVN (possibly other VCS too?) version control in an infinite refresh loop