

IntelliJ IDEA 2016.3 163.4830.24 Release Notes

No subsystem	Feature	IDEA-74620	Divide searched directories per project
	Bug	IDEA-161247	prompted for license after every monthly rebilling period
	Bug	IDEA-161165	Per Project Modality: when Commit or Push dialog is shown in one IDEA window Analyzing hangs with 99% completed in the other window
	Bug	IDEA-161155	Per Project Modality: when Commit or Push dialog is opened in one IDEA frame impossible to hide or show tool windows in the other frame
	Usability	IDEA-123307	Squashed tree widget on Windows theme on HiDPI monitor
	Exception	IDEA-159111	IAE at com.intellij.openapi.components.ServiceManager.getService
	Exception	IDEA-161282	PPEIE at com.intellij.openapi.extensions.impl.ExtensionComponentAdapter.getComponent
Android	Bug	IDEA-161306	IDEA does not create new project on fresh Ubuntu 16.04 system
Code Analysis. Inspection	Bug	IDEA-160955	Inspection Results: inspections not enabled "In All Scopes" are confusingly marked "Disabled"
	Bug	IDEA-161358	"Cannot load .idea. The file does not exist" error is shown if .idea folder is removed between offline inspection runs
	Bug	IDEA-161050	Can't suppress typo or spell checker warning in property files
Compiling Project	Feature	IDEA-76782	Generate runtime assertions for all configured not-null annotations
	Bug	IDEA-161326	Error:java: invalid flag: -release when compiling using java 9 early access build
	Bug	IDEA-110316	Compilation fails when including a .form file from another jar
Console	Usability	IDEA-63980	Make idea.cycle.buffer.size configurable in IDEA GUI / IDEA settings
Database	Bug	IDEA-160887	SQL Sybase dialect Incorrect syntax error on merge statement
Debugger	Bug	IDEA-161086	Add to Watches from "Evaluate" dialog should evaluate only once
Editor. Error Highlighting	Performance	IDEA-161355	InjectionCache.getAnnoIndex should be faster
Find, Replace, Find Usages	Bug	IDEA-161214	Find in Path: Preview editor does not abide by option "Allow placement of caret at end of line"
	Bug	IDEA-159341	Replace in file: Regex for start of line matches twice on empty lines
	Bug	IDEA-160192	Search and replace inconsistency started from Search dialog
	Bug	IDEA-146150	Page up/down in preview mode of find in path
	Bug	IDEA-104681	Regex Find always case-sensitive with non-english characters
	Bug	IDEA-159829	when editing in find result previews the cursor jumps some number of characters on insertion
	Bug	IDEA-112749	Find field unicode support
Flash_Flex	Bug	IDEA-161072	"Stop process" action doesn't kill fdb process
GWT	Bug	IDEA-160225	super-dev-move ins't working with gwt2.8 rc2 in maven-based projects
	Bug	IDEA-83602	gwt // "unused declaration" detects default constructor in serializable shared class
Groovy	Feature	IDEA-159538	Provide action to validate groovy scripts in resources roots
	Feature	IDEA-159420	Provide navigation from console for MultipleCompilationErrorsException error messages
	Bug	IDEA-153553	cannot debug groovy scripts
	Bug	IDEA-131010	Spock data table formatting is not correctly applied to columns after double pipe

Hibernate	Bug	IDEA-159995	Hibernate 5.2: HQL console fails with NoSuchMethodError
Indices	Bug	IDEA-161307	ShutDownTracker#ensureStopperThreadsFinished deadlock
Java. Code Completion	Feature	IDEA-161034	Code completion should be provided for static method references too
	Bug	IDEA-161074	Constant field completion breaks formatting
	Bug	IDEA-160958	Smart completion should suggest method references of outer class
	Bug	IDEA-161250	Semicolon added in the middle of code
Java. Error Highlighting	Bug	IDEA-160918	Good code is red - usage cannot be applied
	Bug	IDEA-159801	Extending JPA Repository interface shows error in Editor
	Bug	IDEA-161169	Idea does not recognize language level of Module
Java. Intention Actions	Feature	IDEA-160106	Hinting for import is strange for corner case
	Bug	IDEA-148864	Quick-fix of changing an inner private class referred to in an annotation to package-default visibility changes the visibility of the outer class
Java. Refactoring	Bug	IDEA-160913	Extract interface fails with an exception when "Rename original class..." is selected
	Bug	IDEA-161237	Extracting a constant in an enum instance method creates an inner class called Constants
	Bug	IDEA-161203	Inline Method: "All invocations in project" should be enabled even for methods
	Bug	IDEA-159199	Moving package fails to update package statement for moved classes
	Bug	IDEA-161417	renaming package caused IDE hang / IntelliJ IDEA 2016.3 EAP Build #IU-163.
	Bug	IDEA-161228	Move refactoring is not working with mixed java and groovy code, no error message shown upon failure.
Java.Inspections	Feature	IDEA-161202	Replace Collections.sort with List.sort in Java-8
	Feature	IDEA-161260	Stream API Migration: support findFirst() patterns
	Feature	IDEA-161194	Add inspection to optimize Stream.filter(...).findAny().isPresent() to anyMatch
	Feature	IDEA-161258	Add Java-8 migration fix to use Map.getOrDefault() where appropriate
	Feature	IDEA-161007	Add new inspection to make comparator lambdas use `Comparator.comparing` combinators
	Feature	IDEA-161257	Add Java-8 migration fix to use Map.computeIfAbsent where appropriate
	Feature	IDEA-161002	Migration to Stream API: convert return true/return false to anyMatch/noneMatch
	Bug	IDEA-160991	Returning null should result in a warning in @TypeQualifierDefault notnull method
	Bug	IDEA-159977	inspector "Constant conditions & exceptions" not support org.springframework
	Bug	IDEA-161205	Constant conditions & exceptions: Cannot re-enable option
	Bug	IDEA-161275	'Remove double negation' doesn't work
	Bug	IDEA-161217	False positive 'Unnecessary call to String.valueOf()'
	Bug	IDEA-158796	"Scope of variable 'entries' is too broad" false positive
	Bug	IDEA-161076	Inspection to replace 'equals()' by 'Objects.equals()' removes field/variable reference leading to semantically different/incorrect code
	Usability	IDEA-161298	Inspection 'Method is identical to its super method' should warn about protect with super call only
	Usability	IDEA-161193	Unable to batch apply fixes reported by 'Simplify stream API call chains'
	Usability	IDEA-161246	"Result of method call ignored" inspection reports getter, but description does about it
	Exception	IDEA-161366	Throwable and hangs when try to rename JUnit class name with inspection quick

	Exception	IDEA-161382	Unused declaration inspection - NPE at removing nested class when outer is a Point
JavaEE	Bug	IDEA-159769	JBoss jBPM plugin is reported as not loaded due to missing required dependencies on Ubuntu and is missing on Windows
JavaEE.Tomcat	Bug	IDEA-161162	TomEE 7.0.0+: Cannot lookup '/openejb/DeployerBusinessRemote'.
JavaFX	Feature	IDEA-100213	JavaFX: support resource resolution
Maven	Feature	IDEA-137982	Add support for Polyglot Maven in Groovy
	Feature	IDEA-138776	Add support for Polyglot Maven
	Bug	IDEA-142056	Make paths in Maven build log clickable
Packaging and Installation	Bug	IDEA-161265	Cannot start IDEA using ./idea.sh command from bin directory under Linux
	Bug	IDEA-161183	Update and Restart still fails in the latest EAP
	Bug	IDEA-161223	Patch is not applied (Linux, macOS)
	Task	IDEA-161255	Update Community edition icons
Plugin Support. Architecture	Exception	IDEA-155455	PPEIE at ExtensionComponentAdapter.getComponentInstance() on project load
Project View	Bug	IDEA-152049	Project view collapses in unpinned mode after some time and changes in edit mode
Refactoring	Bug	IDEA-160876	Rename file action does not work from editor / buffer
Spring	Bug	IDEA-160456	Spring MVC + Tiles: definitions setting in tilesConfigurer bean is not recognized in some cases
	Usability	IDEA-161456	Spring Initializr: Dependencies: disabled dependency selecting via Search provides a more sensible reaction
Unit Testing. JUnit	Feature	IDEA-161184	Cannot invoke "run test" action from "Recent files" popup
	Bug	IDEA-161278	JUnit test run does not show OK for class
	Bug	IDEA-161181	JUnit5 - strange output formatting after run of the tests class
	Bug	IDEA-160177	JUnit 5 support does not detect @TestFactory methods
Unit Testing. TestNG	Bug	IDEA-161333	[auto-test] unwanted invocation of "auto-test" run/debug configuration after running a secondary independent test
User Interface	Bug	IDEA-161330	Scheme drop-down becomes empty on deleting
	Bug	IDEA-148877	Ctrl + Button3 not captured
	Bug	IDEA-156648	Tree view is compacted in 2016.2 EAP
	Usability	IDEA-102869	Automatically create a copy of default scheme for changing
	Usability	IDEA-25635	Change display behavior during background indexing: disable/remove content windows instead of hiding windows
	Exception	IDEA-161318	"Write access is allowed from write-safe contexts only" when quickly switching between QuickDoc
User Interface.Darcula	Usability	IDEA-115892	Restore previous editor colour scheme when switching to Default LaF
Version Control. Git	Bug	IDEA-161332	Description of "Checkout with Rebase" action is misleading
	Bug	IDEA-161352	Link in detached HEAD warning is unclickable
	Bug	IDEA-160606	"undo commit" action incorrectly reverts addition under vcs
i18n	Feature	IDEA-160539	ResourceBundle Editor: Add new properties at specific line instead of the end of the file
CSS	Feature	WEB-23345	Stylelint: provide parsing for rc file
	Bug	WEB-23373	Stylelint: correct name of the property used in the package.json

	Task	WEB-23340	Stylelint: WS does not find path to stylelint
	Exception	WEB-23350	Stylelint: Provide icon for rc file
Dart	Feature	WEB-23323	console shortener could handle the test runner case as well
	Feature	WEB-23223	IntelliJ Dart parser should support configurable imports
	Bug	WEB-15526	Generated comments in Dart files don't use the value from \${USER} variable
JavaScript	Bug	WEB-23252	"Parameter info" is wrong when using an inner arrow function without braces
	Bug	WEB-22883	IDE UI locks up when clicking on 'var' keyword in Javascript file
	Bug	WEB-23211	'Expression statement is not assignment or call' shown for Chai expectations
JavaScript. Frameworks	Feature	WEB-22524	Add integrations with Create React App for creating new projects
	Bug	WEB-23251	Update Angular2 Live templates
JavaScript. Predefs	Bug	WEB-18251	Function is not treated as instance of Function
	Bug	WEB-23265	document.domain is defined as a const
Node.js	Bug	WEB-23093	Node Remote Interpreter: Docker: cannot build image on Unix
TypeScript	Feature	WEB-22938	TypeScript editor should include typings from tsconfig.json lib property
	Feature	WEB-23306	TypeScript: import can be shortened inspection + quick fix
	Feature	WEB-23285	Autoformat arrow functions like in js
	Bug	WEB-19185	TypeScript: Refactor/Rename for class property should also rename properties instances
	Bug	WEB-23244	Decorators make class the jsdoc comment inaccessible
	Bug	WEB-23130	Cannot find tsconfig.json in angular-cli generated project
	Bug	WEB-21670	Angular2: no completion for @angular module inside import statement
	Bug	WEB-6819	TypeScript Rename Refactoring too Aggressive
	Bug	WEB-23217	"Cannot resolve symbol" for 3rd party imports using ES6
	Bug	WEB-23352	Wrong 'Unresolved function or method deserialize()'
Unit Tests	Feature	WEB-16785	Mocha: allow running configuration with empty "Test directory" field if Mocha '--opts' key
	Bug	WEB-23304	Karma stacktrace not clickable after updating to karma 1.2.0
	Usability	WEB-14105	Clickable stack traces with multiple files?
No subsystem	Bug	DBE-2811	Error in SQL Table editor when set NULL to nullable UUID column on PostgreSQL
	Bug	DBE-3130	Postgres: cyrillic column name incorrectly shown in disconnected mode
SQL Code Style	Bug	DBE-3112	Inorrect reformatting SQL query
SQL Completion	Feature	DBE-3098	In autosubstitution offer as an option with all fields, including AUTO_INCREMENT
SQL Generation	Bug	DBE-3102	Error in generation of adding primary key
User Interface	Bug	DBE-3089	Current schema appears duplicated in list
	Bug	DBE-3108	No database completion in MSSQL datasource