

IntelliJ IDEA 2019.2 EAP (192.4205.41 build)

Release Notes

No subsystem	Feature	IDEA-210929	Provide ability to copy a TBX link to a settings
	Feature	IDEA-93154	Intention action: wrap collections/map with Collections.unmodifiable* variant
	Feature	IDEA-207379	Redesign several indices to be able use prebuilt values
	Feature	IDEA-83668	soutp live template: take arrays into consideration
	Feature	IDEA-210961	Implement action for Slow Startup Profiling
	Bug	IDEA-131162	Call Hierarchy Tree Creates Infinite Nesting on Recursive Functions
	Bug	IDEA-211668	wrong slashe on "Save LOB" on windows
	Bug	IDEA-210937	Remove -agentlib:yjpagent64 on import of settings
	Bug	IDEA-214499	NodeJsInterpreterManager must not always instantiate default project unconditi for performance
	Bug	IDEA-211564	A very long indexing of Ultimate project with strange `findLeafElementAt` call fr `JavaFunctionExpressionIndex`
	Bug	IDEA-211665	ShelveedChangesViewManager leaks contents
	Bug	IDEA-210734	project load progress is broken
	Bug	IDEA-158131	Optimize Imports runs on too many files
	Bug	IDEA-190880	Copyright profiles UI needs more space
	Bug	IDEA-97887	Good code red: Extending inner types of parameterised classes in external jars
	Bug	IDEA-211771	can we please get rid of "No IDEA annotations attached to JDK" notification bar our external annotations, regardless of whether they are attached or not? or add the JDK during project opening if they're missing? (edited)
	Bug	IDEA-211678	I can't attach CPU profiler (JDK 11)
	Bug	IDEA-144233	Drag'n'Drop to move files within Project Tree View?
	Bug	IDEA-211786	IDE freeze after user tries to start CPU usage profiling with tracing (windows)
	Bug	IDEA-209987	IDEA is deadlocked at startup before showing splashscreen
	Bug	IDEA-210616	Persistent Profiler can't be enabled if YK binaries were already copied
	Bug	IDEA-210786	Allow to provide snapshot folder (via -Dsnapshots.path)
	Bug	IDEA-188752	Undo action leads to Editor color schemes deletion
	Bug	IDEA-214500	NpmManager must not always instantiate default project unconditionally becaus performance
	Bug	IDEA-207034	Can't resize toolwindow dragging its title bar
	Bug	IDEA-207155	File structure: Rename warning appeared under the File structure dialog
	Bug	IDEA-181157	Cannot compile Groovy if Groovy is global library
	Bug	IDEA-136762	Fonts in ProjectView under Darcula in Linux looks bad after sequential LaF chang
	Bug	IDEA-209816	BuildOutputInstantReaderImpl.getCurrentLine() does not work when reading ov
	Bug	IDEA-211072	Associate With File Type: search doesn't work properly in the Register New File `
	Bug	IDEA-209470	Persistent profiler may prevent startup in case update is installed in a new folde disabled
	Performance	IDEA-208908	Out of memory because of 16M byte arrays caused by debugging

	Performance	IDEA-212712	Tab action lasts too long
	Performance	IDEA-209529	PsiViewerDialog causes memory leak
	Performance	IDEA-209136	ShowAutoImportPass#importUnambiguousImports is invoked synchronously on
	Performance	IDEA-212605	PyCham Educational 2019.1 (in linux, using snap) hangs on pressing alt+enter v
	Usability	IDEA-211876	"Profile slow startup" should notify user that snapshot is ready after restart
	Usability	IDEA-211517	Group all profiling related actions under Diagnostic menu
	Usability	IDEA-212566	Memory and CPU snapshot have the same name
	Usability	IDEA-211516	Attach CPU profiling should start the profiling right away
	Cosmetics	IDEA-212694	Rename "Postpone" to "Not Now" in Restart IDE dialog
	Cosmetics	IDEA-212707	Windows Modern UI: Consider making the name of the solution bold
	Task	IDEA-207119	Unify start-up time measurement
	Task	IDEA-185056	Remove pin icon from quick navigate tooltip
	Exception	IDEA-211880	Exception when user tries to start cpu profiling after profiling slow startup
Build	Usability	IDEA-209462	Build tool window: new tabs should be opened on the right
Build. Ant	Usability	IDEA-212072	Ant: Hide Ant tool window when no Ant files added
Build. Gradle	Feature	IDEA-207271	Gradle Groovy syntax cannot resolve symbol 'exclude'
	Bug	IDEA-210372	IntelliJ 2019.1 attempts Gradle sync even though project haven't opted in for th multiple build systems)
	Bug	IDEA-202246	Incorrect warning in build.gradle
	Bug	IDEA-212028	"Could not determine Java version using executable" error after opening a proje
	Bug	IDEA-204476	Bogus ambiguous call to constructor in gradle files
	Bug	IDEA-211609	Build view keep pending task after sync failed
	Bug	IDEA-208705	Do not save build scripts while editing
	Bug	IDEA-209409	Cannot resolve symbol on dynamically created tasks
	Usability	IDEA-212133	Gradle scripts in the editor: don't show long editor tabs, if they don't add useful
	Usability	IDEA-212059	Gradle: improve editor tabs naming for Gradle files
	Usability	IDEA-208995	Run Anything: no completion of gradle command prefix
	Usability	IDEA-191523	Gradle: do not show Import dialog when creating/opening projects
	Task	IDEA-207607	Replace "Run Gradle Task" dialog with 'Run Anything'
	Task	IDEA-209450	Import gradle conventions for DSL resolve
	Task	IDEA-209544	Replace "Run Maven Task" dialog with 'Run Anything'
	Task	IDEA-207606	Run Gradle tasks: add classes completion to Run Anything dialog
Build. JPS (Compiling Project)	Bug	IDEA-211172	Incorrect nullability checks generated for type-use annotations on arrays
	Bug	IDEA-212329	Annotation processor is not invoked with java 9 modules
	Bug	IDEA-184859	Remove dependency from JPS on IntelliJ IDEA installation
	Exception	IDEA-206314	ClassCastException during incremental compilation
Build. Maven	Feature	IDEA-25247	Maven: Update Indices when application starts up/on a regular basis
	Bug	IDEA-188234	Web project built with maven with two dependencies with the same artifactId ar groupId) loses one of the artifacts
	Bug	IDEA-200272	Maven extension breaks dependency resolution

	Usability	IDEA-212060	Maven: include pom.xml into the editor tab/recent files to make them recognizable
	Cosmetics	IDEA-133126	hide view "Maven Projects" for not maven project
	Exception	IDEA-205363	ClassNotFoundException: org.apache.commons.cli.ParseException PluginClassLoader
Code Analysis. Duplicates	Feature	IDEA-214455	Skip initialization methods during duplicates analysis in ruby files.
	Feature	IDEA-214460	Do not detect duplicates inside ruby test files.
	Bug	IDEA-209663	Relayout duplicates configurable
	Bug	IDEA-214457	Distinguish methods calls in ruby files.
Code Analysis. Inspection	Feature	IDEA-93333	Chained method calls inspection shall ignore methods which return the same type
	Bug	IDEA-210888	Offline inspection result file contains incorrect path to project if run command has path to project
	Bug	IDEA-208728	Fix settings link on inspection toolwindow.
	Bug	IDEA-210730	The same spelling error is underlined twice
	Bug	IDEA-209420	Unable to export Inspection Results as HTML
	Bug	IDEA-208127	Batch inspection result preview not scrolled to warning in injected code
	Usability	IDEA-30715	"Split into multiple declarations" / "Split into separate declarations" confusion
	Cosmetics	IDEA-206994	Show more context in Inspection results preview
Code Analysis. Language Injection	Bug	IDEA-212451	Multihost language injection: injected fragment editing causes exceptions and crashes
	Bug	IDEA-211437	Language Injection: close the injected fragment editor on un-injecting
	Bug	IDEA-153979	Injected fragment editor: inserting new lines makes references unresolved
	Bug	IDEA-211592	Language Injection: no comment is inserted on injecting into java constant
	Performance	IDEA-207632	PostgreSQL fragment editing slow and unusable
	Usability	IDEA-211593	Language Injection: 'do you want to insert annotation?' prompting message is missing annotations
	Exception	IDEA-211432	REWA at com.intellij.psi.impl.source.tree.injected.changesHandler.AbstractMarkerBasedInjector.getReportException
Code Analysis. Structural Search	Feature	IDEA-210188	Add type filters for JS structural search
	Feature	IDEA-182437	Search Structurally dialog should have an inline preview
	Feature	IDEA-206520	Add JavaScript/TypeScript existing templates
	Bug	IDEA-210612	Scopes dialog requires 2 OK/Cancel clicks before it goes away
	Bug	IDEA-193965	Structural Search And Replace: rerun button works incorrectly
	Bug	IDEA-209897	Search for for loop pattern with expression list statement fails
	Bug	IDEA-210782	Structural search in JavaScript: can't find arrow function
	Bug	IDEA-210464	SSR: Exporting/importing a template should not include search scope
	Bug	IDEA-210460	SSR: Double-clicking a group node in the Existing Templates dialog closes the dialog
	Bug	IDEA-211084	debugger pattern finds all identifiers in JS
	Bug	IDEA-209956	Expressions enclosed in parentheses are replaced twice during Structural Replace
	Exception	IDEA-202169	IOOBE at com.intellij.structuralsearch.plugin.ui.filters.FilterPanel\$2\$1.getRowRendererColor(java:77)
Core. Diagrams (UML)	Bug	IDEA-124631	Opening *.uml file does nothing
	Bug	IDEA-124475	Save diagram: ignores changed filename and drops layout

	Bug	IDEA-208180	Unknown and unwanted artifacts in UML diagram
	Bug	IDEA-184834	Uml Class diagram adds two entries to every diagram that can not be delete
	Bug	IDEA-60296	Modules UML diagram: listen to module and library rename
	Bug	IDEA-141306	UML: new enum constant creating for enum via UML diagram creates uncompiled contains some members other than constants
	Bug	IDEA-209065	UML: classes added to diagram via AddClassToDiagram action (<Space>) or by incorrectly in the navigation popup
	Bug	IDEA-186132	No default .uml extension for new class diagrams
	Usability	IDEA-182068	Java Class Diagrams window steals focus from editor
	Usability	IDEA-47864	UML: Create New Method dialog: provide possibility to set static and final modifiers
	Exception	IDEA-151955	'deleteFile()' not supported' when trying to delete diagram from Navigation bar
	Exception	IDEA-72445	Exception when reverting changes with diagram opened
	Exception	IDEA-90136	IDE at com.intellij.diagram.presentation.SimpleElement.<init>
	Exception	IDEA-202308	IndexNotReadyException on opening project if UML diagram is opened in the act
	Exception	IDEA-172311	NPE at com.intellij.diagram.util.DiagramUtils.setBestPopupSizeForGraph
	Exception	IDEA-206582	IndexNotReadyException on calling UML diagram during indexing
	Exception	IDEA-173305	IAE at com.intellij.diagram.presentation.SimpleElement.<init>
Core. File System	Bug	IDEA-212025	VFS refresh blocks UI while reading file system under read action
	Performance	IDEA-208128	VirtualFilePointer.getUrl() accesses disk
	Performance	IDEA-208259	JdkTable / VirtualFilePointerContainerImpl initialization / VirtualFilePointerContainerImpl disk access
	Performance	IDEA-211046	RefreshWorker/VFS massive memory usage
	Exception	IDEA-208539	java.lang.Throwable: Synchronous execution on EDT: fsnotifier
Core. IDE Settings	Feature	IDEA-207917	Provide a way to disable proxy detection logic on early startup
	Bug	IDEA-100538	Editor: Fall back fonts are not applied on Mac OS
	Bug	IDEA-207297	Settings sync doesn't work, NPE in CloudConfigManager
	Bug	IDEA-209785	No separator for File templates group when invoke new from Project view
	Bug	IDEA-207936	IDEA is 'saving application' indefinitely
	Bug	IDEA-207107	PhpStorm 2019.1 EAP build 191.4738.10, The file auto save is invalid.
	Bug	IDEA-198533	Template group disappeared when you drag all templates to another group
	Bug	IDEA-214625	"Check for updates" action does nothing for me in Nightly
	Bug	IDEA-191923	Importing config of old IDE version including custom plugin URL causes incompatibility from this URL
	Bug	IDEA-191085	Failed to sync IDE settings. Invalid credentials
	Bug	IDEA-210223	doesn't save re-added file type configuration
	Usability	IDEA-202502	"Use console font" / "Use color scheme font instead of the default" checkboxes checked on their text
	Core. JSON	Bug	IDEA-212680
Core. Navigation and Search	Bug	IDEA-211449	IDEA is unable to find lambda implementations when invoked on library class so
	Usability	IDEA-207052	There should be a way to customize GoToDeclaration behavior
	Task	IDEA-209480	Remove stub hierarchy

Core. Platform API	Feature	IDEA-208103	ExecUtil.sudoCommand could show a prompt on macOS 10.10+
	Bug	IDEA-181010	unable to use BouncyCastleProvider in plugin due com.intellij.util.lang.UrlClassLoader ProtectionDomain
	Bug	IDEA-210479	A race condition in module structure loading
	Bug	IDEA-208630	Fix "Bean extension class should not have constructor with parameters" EPs
	Bug	IDEA-209724	Smart pointer creation during project disposal leads to "Element from alien project"
	Task	IDEA-204389	Tons of "Kotlin: 'psi: PsiElement?' is deprecated. ambiguous psi element, use `s compiler warnings
Core. Plugin Management	Feature	IDEA-211218	Possibility to mark a plugin as internal
	Bug	IDEA-197563	Plugins sync says "not installed" for installed plugins
	Usability	IDEA-212701	Place plugin home page above the plugin description
	Usability	IDEA-202747	Provide a link to plugin homepage along the vendor link
	Usability	IDEA-212691	Filter out invalid plugins when the problem is fixed
	Usability	IDEA-212690	Do not show checkboxes for plugins that are not loaded
	Cosmetics	IDEA-212695	Replace "Enable plugins" with "Enable required plugins"
	Cosmetics	IDEA-207802	Plugins page: do not show (0) if no updates available
Core. Project Settings	Bug	IDEA-208386	If both .idea/workspace.xml and .idea/misc.xml are modified, reload doesn't happen
	Bug	IDEA-210798	Dependencies scope dropdown is switching on mouse over
	Usability	IDEA-41940	Provide better diagnostics when the user selects a JRE directory as JSDK home
	Exception	IDEA-212645	Exception on new project opening
Core. Quick Documentation	Feature	IDEA-175215	Better quick JavaDoc for enums
	Bug	IDEA-211038	Ctrl-Shift-Arrow does not resize quick documentation popup but closes it
	Bug	IDEA-209629	Too small default size of quick doc popup (causing text clipping by scrollpane)
	Bug	IDEA-208812	Inappropriate quick doc for array length
	Bug	IDEA-210273	Table columns missing in Javadoc Quick Documentation view for Java 12
	Usability	IDEA-208365	Always autosize quickdoc popup when it's displayed on hover
	Usability	IDEA-208364	Don't show quick info tooltip on Ctrl-hover if a quickdoc popup is currently visible
Core. Refactorings	Feature	IDEA-124496	Scope Setting for Rename Refactoring
	Usability	IDEA-214702	Do not show 'Scope' setting when rename Java local variable
	Usability	IDEA-212081	Names of Copy and Move actions in the context menu should reflect what's going to be moved
Core. Run Debug. Configurations	Bug	IDEA-210262	[Environment variables] when pasting several variables with semicolon at the end, the last one is removed
	Bug	IDEA-204416	Running debug tomcat run configuration always launches "Before launch" gulp task
	Bug	IDEA-206657	Compound Run Configuration triggers "Run" but not "Debug"
Core. XML	Bug	IDEA-206666	IdeaPluginRegistrationIndex isn't file-based
	Bug	IDEA-183886	XML highlighting and redefined schemas
	Bug	IDEA-208504	First xi:include tag in *Plugin.xml file is highlighted as error
	Bug	IDEA-205629	Argument rangeInElement exception when deleting xml tag in Android Studio 3.0
	Bug	IDEA-212344	catalog.xsd in IntelliJ platform-impl.jar is outdated

	Bug	IDEA-212646	XML attribute value is marked as error if DTD's attribute type is enumeration co as value
	Bug	IDEA-210207	XML schema issue - element X is not allowed here (Web.xml)
	Exception	IDEA-212704	Invoking Find by XPath throws ClassCastException
Editor. Code Completion	Feature	IDEA-199722	Can I make the live template appear at the top of the code completion list?
	Bug	IDEA-214469	Live Templates suggestions disappear on non-alphanumeric character input
	Usability	IDEA-209123	Enable F2 and Shift+F2 shortcuts while code completion is active
	Usability	IDEA-210660	Make "Jump outside closing bracket/quote with Tab" default behaviour
	Usability	IDEA-211557	Code completion dropdown stays open after Shift+Enter (Start New Line)
	Usability	IDEA-209784	Basic/Smart completion does not offer package private methods when runtime c another package
	Exception	IDEA-194554	AE at com.intellij.codeInsight.documentation.DocumentationManager.assertSam
Editor. Color Schemes	Feature	IDEA-212390	Ability to drag-n-Drop editor color scheme
	Bug	IDEA-207403	Darcula color scheme: "Custom Keyword 4" default color looks like an error
Editor. Diff and Merge	Bug	IDEA-210607	'Apply changes' in diff view doesn't work
	Bug	IDEA-212625	Incorrect highlighting in diff view when last document line is soft wrapped
	Bug	IDEA-207667	Weird synchronised scrolling in diff view with soft wrapped lines
	Usability	IDEA-182230	VCS "visual merge" window: don't ask "Are you sure" if there was no changes
	Usability	IDEA-123813	Preserve diff pane widths when switching between files
	Usability	IDEA-155010	Suggest to unlock 'Disable editing' button in 'Commit Changes' dialog when I'm view
	Cosmetics	IDEA-211780	Escape characters in action name of "Diff \& Merge"
Editor. Editing Text	Feature	IDEA-211180	Jump outside closing bracket with Tab should jump after the semicolon
	Feature	IDEA-207307	No horizontal scroll in editor when the width of block inlay is more than editor w
	Feature	IDEA-70189	Java Smart Complete Statement: Complete ternary operator if necessary
	Bug	IDEA-207212	Editor scrolls unexpectedly on pasting collapsed method
	Bug	IDEA-204900	Smart Enter fails to add function body if staying at annotation
	Bug	IDEA-197682	Shadow action is created with the wrong lifetime spec (Disposable)
	Bug	IDEA-138431	Editor: Ctrl+Left / Right (arrow) does not skip over indent whitespace to prev/n
	Bug	IDEA-211085	Current line number colour incorrectly calculated
	Bug	IDEA-208782	Fallback font Italic version doesn't work on Mac
	Bug	IDEA-208973	Identifier highlighting is lost after moving line
	Bug	IDEA-207542	TODO highlighting affects following lines
	Bug	IDEA-210470	Fira Code breaks fixed-width alignment on "[" - double opening bracket
	Bug	IDEA-207805	Selection in editor is not reset on mouse right click outside selection
	Bug	IDEA-214565	Different indents for Python in commentStart() macro
	Bug	IDEA-167224	Unwrap lambda should add braces if necessary
	Performance	IDEA-210051	Memory leak in DocumentImpl
	Performance	IDEA-211201	Typing with multiple carets is slow in XML files
	Usability	IDEA-211756	"Delete to word end" is extremely inconvenient on whitespaces
	Usability	IDEA-208930	Pressing Tab in a selection doesn't prefix first line with a tabulator

	Usability	IDEA-209051	Inspection popup is overlapped by quick doc
	Task	IDEA-209242	Increase default number of items stored by default in clipboard history
Editor. Formatter and Code Style	Bug	IDEA-214727	Unexpected code style modifications on scheme switch
	Bug	IDEA-211444	Code Style Settings: incorrect variants in drop-down for WrapOnTyping option
	Bug	IDEA-206789	Export codestyle settings to JSON: java wrapping and braces visual guides of
	Bug	IDEA-147601	Javadoc Code formatting does not indent HTML tags properly
	Bug	IDEA-212466	"Expected to be final" identifier is not always painted as such in Java editor
	Bug	IDEA-195707	""case' on new line" setting name is misleading; behavior should be changed and with the old behavior
Editor. Intention Actions	Bug	IDEA-155352	Unwrap Statement produces broken code
Frameworks. Drools	Bug	IDEA-152064	Single quotes are listed as errors within drools rules
	Bug	IDEA-97068	drools mvel syntax not working for Objects created in then clause
Frameworks. GWT	Bug	IDEA-211438	GWT: IDE doesn't respect Java language level for GWT client code under default
	Usability	IDEA-208047	GWT: quickfixes which show popups work strangely when invoked from batch in
Frameworks. Spring	Feature	IDEA-199838	Spring MVC and Kotlin: provide intentions to create the missing @PathVariable-
	Bug	IDEA-208064	Spring: ResourceBundleMessageSource#basename value is not resolved
	Bug	IDEA-200131	Spring MVC and kotlin: model attributes rename doesn't work for Freemarker vi
	Bug	IDEA-212290	False 'method may be static' warning for Spring Boot @Bean methods
	Performance	IDEA-212432	IDE freeze when selecting text with double click
	Usability	IDEA-211211	Spring Boot: move edit default path action to context menu in Run Dashboard
	Exception	IDEA-210704	Spring Initializr: can't import a created gradle based project
Groovy	Feature	IDEA-212594	Bold braces for closure and lambda expressions
	Feature	IDEA-188430	Support nested code blocks
	Bug	IDEA-203683	Convert to CompileStatic doesn't convert GString to String
	Bug	IDEA-206717	Convert to @CompileStatic adds second @CompileDynamic
	Bug	IDEA-207974	Bad code green: throws clause on annotation method
	Bug	IDEA-208781	Error in parsing closure argument on a new line in an application statement
	Bug	IDEA-210733	Don't include JAR files from JDK configuration to classpath of Groovy run config
	Usability	IDEA-179444	Show parameter name hints corrupts the layout
	Exception	IDEA-209237	Throwable: Non-physical PsiElement. Physical element is required to be able to : the source tree: PsiElement(identifier); file: DummyHolder
	Exception	IDEA-209853	Groovy Code Analysis Fatal Error
Infrastructure	Bug	IDEA-211491	Uast-based `RefJavaManager` doesn't property handle Kotlin's `KtPropertyAcce
	Bug	IDEA-209632	If a custom appStarter fails to load plugins the original exception is swallowed
Infrastructure. Build Scripts	Task	IDEA-210033	Deprecate optional modules in plugin layouts
	Task	IDEA-209751	Add ability to bundle plugin only into EAP builds
Infrastructure. Packaging and Installation	Feature	IDEA-164251	Include com.intellij.testFramework.vcs into some binary distribution
	Bug	IDEA-212759	Linux, tar.gz installation: IDEA fails to start: `Cannot find VM options file.` , `Erri load main class com.intellij.idea.Main.`

	Bug	IDEA-205907	2018.3.x silent installation leaves javaw.exe process hanging
	Bug	IDEA-209778	Silent install. Unable to install in the 'Program Files' folder
	Bug	IDEA-210993	IDEA with JBR 11 starts with error via idea.bat
	Task	IDEA-211824	Bundle Kotlin 1.3.31 with IntelliJ IDEA
	Task	IDEA-209378	Bundle Kotlin 1.3.30 with IntelliJ IDEA
Java	Feature	IDEA-214531	Show Expression Type should also show known boolean values, strings etc
	Bug	IDEA-193315	Deleting import statement after semicolon produces PSI/text inconsistency
	Usability	IDEA-209397	New Package: on creating inside the existing packages structure don't display the new package name
	Usability	IDEA-211627	Provide separate gutter icon configuration options for external annotations and i
Java. Code Completion	Bug	IDEA-197130	"After" text snippet of <code>`.reqnonnull`</code> Java postfix completion still shows <code>`.reqno</code> call.
	Bug	IDEA-209519	IntelliJ should prefer class in same package over unused JDK classes in auto-cor
	Bug	IDEA-211080	Completion suggests already used methods in builder()
	Bug	IDEA-207858	Completion: <code>`default:`</code> should be indented correctly
	Bug	IDEA-209230	No <code>`new`</code> keyword completion inside negation
	Bug	IDEA-208607	Smart completion doesn't suggest <code>Collectors.counting</code>
	Bug	IDEA-211405	Auto completion freezes on every other letter
	Bug	IDEA-210869	Content assist does not always work for classes beginning with underscore(<code>_</code>)
	Usability	IDEA-205205	Import static class in java should complete with a period
	Usability	IDEA-209258	When auto-completing a method in <code>{@link}</code> , don't insert all parameter types by
Java. Code Coverage	Exception	IDEA-207251	Coverage fails with exception on <code>UrlClassLoader</code>
Java. Code Generation	Usability	IDEA-209475	When creating tests for methods that are in <code>Object</code> , it creates methods with pos
Java. Debugger	Feature	IDEA-210619	Show value renderer icon right on evaluating popup
	Bug	IDEA-211062	'Ctrl+C' from 'Evaluate' window copies 'Collecting data..' instead of actual value
	Bug	IDEA-208648	Evaluate window debugger doesn't seem to validate returned types
	Bug	IDEA-208435	Smart step into method in anonymous class does not work
	Bug	IDEA-209695	SmartStepInto in readonly source: unable to choose the step target with Enter
	Bug	IDEA-207694	There should remain the possibility to invoke 'normal' stepInto action
	Bug	IDEA-174922	Smart step into doesn't work for Java 8 method references passed as parameter
	Bug	IDEA-209139	[Smart Step Into] unable to step into all methods which are repeating and locat
	Bug	IDEA-148867	'Smart step into' doesn't work for stepping into dynamic proxy method invocatic
	Bug	IDEA-210838	[Color Scheme] Debugger - Recursive calls highlighting is not applied
	Bug	IDEA-211586	'Step Out Of Code Block' doesn't step out of proxy method
	Bug	IDEA-198140	'Smart step into' works unexpectedly on 'super' method call
	Bug	IDEA-208941	"Show Method Return Values" feature malfunction
	Bug	IDEA-207528	Unable to do smart step into the second filter method
	Bug	IDEA-209068	Unable to quickly attach to a process started with <code>suspend=y</code>
	Bug	IDEA-211761	Smart step into fail if source code does not match the bytecode

	Bug	IDEA-207793	Wrong smart step order with repeating methods
	Performance	IDEA-209305	Delay between breakpoint triggering and UI responding (highlighting correspond
	Usability	IDEA-209391	Unable to run application in debug mode
	Usability	IDEA-211392	Auto-show quick documentation prevents closing Breakpoints dialog
Java. Debugger. Memory View	Bug	IDEA-210969	Do not initialize memory agent proxy if remote debugging is used
	Exception	IDEA-209163	[Memory Agent] Exception on "Show Referring Objects" action, at com.intellij.debugger.memory.agent.MemoryAgentReferringObjectsProvider.getI
Java. Decompiler	Bug	IDEA-177029	Cannot open Structure view (Ctrl+F12) for a large decompiled class
Java. Error Highlighting	Feature	IDEA-169551	IntelliJ could detect missing 'return' in lambda expression
	Bug	IDEA-211203	False positive in validation: There is no default constructor available
	Bug	IDEA-212406	False positive for ambiguous call to unqualified static method on interface
	Bug	IDEA-212188	IDEA have not warning for using private constructor
	Bug	IDEA-209920	No compile-time declaration for the method reference is found
Java. GUI Designer	Bug	IDEA-208765	Recompile action (Ctrl-Shift-F9) on form file shall recompile its bound class
Java. Inspections	Feature	IDEA-208005	Extend the "iteration over 'keySet()' may be replaced with 'entrySet()' iteration" recognize put() calls
	Feature	IDEA-209951	Inspection to detect when collection is accidentally passed as vararg and will be one-element array
	Feature	IDEA-136622	Inspection request: integer fraction multiplication $i * = 3/2$
	Feature	IDEA-205744	Simplify Optional chains
	Feature	IDEA-207273	Improve method return type inference from sources
	Feature	IDEA-208467	Inspection to detect probably missing break-statement
	Feature	IDEA-208215	Do not warn on cast to compatible interface when it has a matching instanceof c
	Feature	IDEA-208196	Convert to enhanced switch: an option to omit warning if we cannot generate sv
	Feature	IDEA-187211	Suggest using StandardCharsets.XYZ instead of "XYZ" where possible
	Feature	IDEA-209947	Dataflow warning explanation
	Feature	IDEA-207469	Support parameter range at call site
	Feature	IDEA-207874	Inspection to replace Map.keySet().contains(K) with Map.containsKey(K)
	Feature	IDEA-209351	Support more AssertJ matchers in hardcoded contracts
	Feature	IDEA-208855	Support bitwise xor in Java DFA
	Feature	IDEA-207267	Suggest convert <code>int x = Integer.valueOf(str);</code> to <code>int x = Integer.parseInt(str</code>
	Feature	IDEA-181751	Loop statement that does not loop: allow to ignore for-each loops
	Feature	IDEA-210209	Suggest replacing Charset.forName("UTF-8") with StandardCharsets.UTF_8
	Feature	IDEA-207247	Improve the inspection "Multiple occurrences of the same expression"
	Feature	IDEA-209161	Inspection to use Math::min / Math::max instead of handwritten code where po
	Feature	IDEA-185394	Manual array population should be detected and replaced with Arrays.fill
	Bug	IDEA-210087	Checker Framework's Nullable doesn't work with data flow analysis
	Bug	IDEA-207456	Replace loop with stream: allow possible side-effects in joining prefix
	Bug	IDEA-209686	Type migration error message needs to escape <>

Bug	IDEA-210306	Suppress "Unused declaration" for arguments named "ignore.."	
Bug	IDEA-146649	"Redundant type cast" warning expected	
Bug	IDEA-212417	Remove redundant casts intention does not handle single varargs parameters cc	
Bug	IDEA-208913	Recognize @AutoValue as immutable classes, and let Nullability analysis rely on	
Bug	IDEA-209486	Transform body to single exit point generates red code	
Bug	IDEA-212718	Type parameter 'T' extends 'final' class 'X' doesn't work for non-final enum	
Bug	IDEA-209944	Inspection removing redundant casts causes compiler error	
Bug	IDEA-209231	"Replace with 'try' with resources" does nothing	
Bug	IDEA-208211	Unused declaration exclude option doesn't work	
Bug	IDEA-211843	StringBuilder append false positive with start/end	
Bug	IDEA-211699	"Return of null" inspection in lambda of Function<A, @Nullable B>	
Bug	IDEA-212412	"Declaration can have final modifier" inspection reports values which may be un modifier.	
Bug	IDEA-211701	"Introduce holder class" loses comment	
Bug	IDEA-209362	Excessive range check inspection fix sometimes deletes third operand of polyadi	
Bug	IDEA-212561	'Find cause' cannot find problem in looking simple case	
Bug	IDEA-212632	IDEA thinks that fields cannot be updated in AutoCloseable close() method	
Bug	IDEA-212215	False positive casting is redundant creates compilation issue	
Bug	IDEA-207191	Inspection "Method can be void" false positive in Kotlin/JAVA interop	
Bug	IDEA-207976	Inspection turns a loop into an incorrect collect operation	
Bug	IDEA-209685	"Deprecated API Usage" inspection suggests to replace method call but does not	
Bug	IDEA-211140	Package-level container annotation affects nullability of the elements in the sam artifact	
Bug	IDEA-210534	Replace explicit type with var not working for instantiated interfaces	
Bug	IDEA-211120	"Result of method call ignored" false positive in AssertJ tests	
Bug	IDEA-206459	Assignment to for loop parameter: ignore if parameter is not updated in loop up	
Bug	IDEA-207441	False-positive "variable is always null" on linked-list like data structure	
Bug	IDEA-211709	where is fix all intention for override?	
Bug	IDEA-205881	Remove redundant cast leads to incompilable code	
Bug	IDEA-209576	'Class.getConstructor().newInstance()' call' generates inaccessible catch clauses	
Bug	IDEA-209563	"Qualify with outer class" available, but does nothing	
Bug	IDEA-131480	"Deprecated API usage" inspection warns in cases javac doesn't	
Usability	IDEA-208192	Replace with Java 12-style switch: support assignment	
Usability	IDEA-207586	'Replace with <>' inspection false positive when the generic type is annotated	
Java. Intention Actions	Feature	IDEA-207785	Flip method call on call without qualifier
	Feature	IDEA-196755	Intention to replace singleton collection with a normal one
	Feature	IDEA-206609	IDEA should know to open brackets in java code
	Feature	IDEA-207519	Ability to edit external range annotation
	Feature	IDEA-207204	Action to annotate method/parameter as NonNIs
	Feature	IDEA-209056	Action to transform method with multiple returns into the method with single ex

	Feature	IDEA-208199	Merge convert to decimal/octal/hex/binary to submenu
	Bug	IDEA-209597	Flip comparison intention produces PSI/text mismatch
	Bug	IDEA-175740	"Expand lambda body" on invalid code produces stub/AST inconsistency
	Bug	IDEA-208457	Add exceptions to existing catch suggests wrong option
	Bug	IDEA-208885	"Wrap with unmodifiable map" produces uncompileable code on assignment LHS
	Bug	IDEA-212551	Make method call chain into call sequence intention modifies references to varia
	Bug	IDEA-211698	'Replace 'for each' loop with indexed 'for' loop' breaks code when not immediate
	Bug	IDEA-211687	"Flip method call" with casts leads to PSI/text inconsistency
	Bug	IDEA-212402	Inspection Use Objects.requireNonNull detected, but the fix not work for ParametersAreNonnullByDefault
	Bug	IDEA-209931	Change method return type autosuggestion doesn't work when method return ty return type of interface.
	Bug	IDEA-177220	Deletion of an annotation without a class member results in stub-AST mismatch
	Exception	IDEA-211695	"Convert to Basic Latin" fails on incomplete javadoc
Java. JavaFX	Bug	IDEA-150665	*.fxml "unsaved" asterisk stays visible after saving
Java. Refactorings	Feature	IDEA-178890	"Inline" Foo.class.getName(), Foo.class.isInstance(bar)
	Feature	IDEA-180007	Inline method with returns should work when inlining point is the only expressio body
	Feature	IDEA-211005	Automatically fix "Not a statement" problem in inline method
	Feature	IDEA-37432	"Inline Method refactoring is not supported when return statement interrupts the wrong
	Feature	IDEA-211473	Inline method: process some boolean methods with multiple exits specially
	Feature	IDEA-211549	Inline method: support negation at the call site
	Feature	IDEA-158665	Support Inline Method refactoring when return statement interrupts the executio
	Bug	IDEA-212110	Extract as separate 'map' step doesn't work when "use 'var'" option is on
	Bug	IDEA-208734	'Convert anonymous to Inner' produces uncompileable source when generic of ou
	Bug	IDEA-39241	Inline method produces multiple volatile field accesses
	Bug	IDEA-211141	"Extract method" from default method results in uncompileable code
	Bug	IDEA-209745	Extracting variable from enhanced switch expression creates red code
	Bug	IDEA-211139	Can't extract variables from enum class
	Bug	IDEA-181195	Duplicate code isn't detected when extracting a method
	Bug	IDEA-210056	Refactoring "Rename field" should not change it's fully-qualified name to thort n property-files
	Bug	IDEA-209743	Extracted variable from case label expression should be 'final'
	Bug	IDEA-214508	Nullable field extracted in a non-Nullable variable
	Bug	IDEA-209792	Support auto-unboxing in reordering safety determination when extracting the v
	Performance	IDEA-207167	Extract Method freezes UI while enumerating all inheritors to check for conflicts
	Usability	IDEA-212160	"Inline Variable" should not show confirmation dialog when there's a single occu
	Usability	IDEA-154832	IDEA add unnecessary cast to double on method inline
	Usability	IDEA-126385	Usability request. Enable 'Go to source' action for items in 'Cannot undo' dialog
	Exception	IDEA-199784	Extract method fails when inner class is used in lambda being extracted

Java. Tests. JUnit	Feature	IDEA-172385	Ship 'junit-jupiter-params.jar' with IDEA
	Bug	IDEA-210882	Running only tests selected in JUnit console is broken
	Usability	IDEA-208396	Go to test don't detect all tests
	Usability	IDEA-211928	Test kinds "UniqueId" and "Tags" missing in Run Configuration when including a implements JUnit 5 TestEngine without Jupiter
Java. Tests. TestNG	Bug	IDEA-208083	Testng testName reported wrong in the Run Window
JavaX. AppServers. JBoss	Bug	IDEA-212457	Error running admin process: NoSuchMethodError on deploy to JBoss AS 7.x fro
JavaX. AppServers. Tomcat	Feature	IDEA-205443	Tomcat: Option to select application context when deploying artifacts
JavaX. JSP	Bug	IDEA-211504	JSP Validation: when compilation level 11 is set, jasper validation shows errors :
JavaX. Web Services	Bug	IDEA-164683	JAX-RS: IDEA shows "cannot resolve param" for valid @PathParam annotations
	Bug	IDEA-154093	JAX-RS: @PathParam is not resolved to the parameter in @Path when @Path ha
Plugin Development (DevKit)	Feature	IDEA-199936	Code insight for Registry keys defined via EP com.intellij.registryKey
	Feature	IDEA-211486	Devkit EP declaration: suggest to change declaration via 'qualifiedName' to 'nam
	Feature	IDEA-212463	Devkit: resolve "keymap" in plugin.xml
	Feature	IDEA-208632	DevKit: Component/Action not registered - skip for deprecated classes
	Feature	IDEA-211630	IDEA UI Guidelines: "Action" text capitalization
	Feature	IDEA-202010	Highlight services/components with identical interface and implementation class plugin.xml
	Feature	IDEA-207289	plugin.xml: highlight duplicate <depends>
	Feature	IDEA-212745	Devkit: <depends> checking
	Bug	IDEA-211136	Bundled plugins: highlight <change-notes> and <version>
	Bug	IDEA-211126	Bundled plugins: highlight vendor "email" and "url"
	Bug	IDEA-209078	Devkit plugin.xml: allow multiple components with same interface-class across t
	Bug	IDEA-208482	Devkit: some references to action classes are incorrectly highlighted with "has n error
	Bug	IDEA-209589	Missing recent API inspection must not emit warnings in tests sources
	Bug	IDEA-211131	Bundled plugins: highlight generic <idea-plugin> "url" values
	Bug	IDEA-209536	plugin.xml validity inspection doesn't highlight plugin actions which refer to plat
	Bug	IDEA-209587	Missing recent API inspection: clarify the message if return type of a method wa
	Bug	IDEA-186526	Plugin.xml validity inspection troubles in InspectionGadgets.xml
	Bug	IDEA-211225	Bundled plugins: highlight <idea-version>
	Bug	IDEA-182359	Good code red: plugin.xml
	Bug	IDEA-209681	Devkit: do not require description for Intention not registered in plugin.xml
	Bug	IDEA-190992	DevKit: provide "os" attribute for all EPs
	Performance	IDEA-211555	Freeze on completion in XML file
	Usability	IDEA-204988	Plugin DevKit: Group inspections in settings
Plugin. FreeMarker	Bug	IDEA-210630	Inspections are not executed on FreeMarker/Velocity files even with "data langu

Plugin. OSGi	Feature	IDEA-209670	Osmonic: Upgrade Bndlib to 4.2 or later
	Exception	IDEA-210719	Throwable at org.osmonic.run.OsgiRunConfiguration.getModules
Plugin. Settings Repository	Bug	IDEA-181296	Incompatible plugin with new IDEA version shown as `installed in another IDE`
	Bug	IDEA-200123	Keymaps are not synced over Cloud Settings
	Bug	IDEA-204195	settings sync says "Switch Structure" plugin is missing but it isn't
Plugin. Terminal	Bug	IDEA-214512	Re-ordering terminal tabs shows unexpected confirmation dialog to terminate ru
	Usability	IDEA-153536	Support native OSX shortcuts in the terminal
Plugin. Thymeleaf	Bug	IDEA-214486	Thymeleaf. Cannot resolve parameter's name.
	Bug	IDEA-209040	Good code is red: accessing thymeleaf dictionary value with a parameter anothe
	Bug	IDEA-211477	Thymeleaf support has problems with special characters in literal substitutions
	Bug	IDEA-214484	Thymeleaf. <template fragment param name> expected, got '@{'
Services. Clouds. CloudBees	Feature	IDEA-150904	Drop CloudBees support
Services. Docker	Bug	IDEA-212161	Docker. Files Chooser. Open in the Editor: change the "Failed to make writable"
	Bug	IDEA-211945	Docker. Files Chooser: java.lang.AssertionError at refreshing content with some
	Usability	IDEA-207869	DockerDebug. Compose. Auto-create a compose run configuration if it doesn't e
	Usability	IDEA-212607	Docker. Files Chooser tab. Provide possibility to "Collapse All"
	Cosmetics	IDEA-212178	Docker. Files Chooser. Refresh. Display another progress icon="spinner" and in
	Cosmetics	IDEA-212171	Docker. Files Chooser. Remove "lock" from all the files, display it before the patl
	Cosmetics	IDEA-212173	Docker. Files Chooser. Files tab. Make a more indent after the path in the bar ar
	Cosmetics	IDEA-212174	Docker. Files Chooser. Files tab. Icon to view files is not correct
	Meta Issue	IDEA-195017	Docker: Simplify the access to container file system
User Interface	Feature	IDEA-207424	Please add uidesigner color constants to themes
	Bug	IDEA-208645	Text disappears in "IDE Fatal Errors" dialog box
	Bug	IDEA-207998	Recent projects "Create new project group" dialog is hidden
	Bug	IDEA-196876	Fix group by popup in TODO tool window
	Bug	IDEA-211279	Column resizing doesn't work in TODO table
	Bug	IDEA-212553	New Tabs UI: IDE no longer shows tips when no editor tabs are open
	Bug	IDEA-97714	Add "Associate With File Type" to the editor tab context menu and menu
	Bug	IDEA-210873	Bad description text wrapping in "IDE Fatal Errors" dialog
	Bug	IDEA-208847	Memory leak in InternalDecorator
	Bug	IDEA-206619	Message from file-level notification is shown on top of Alt-Enter menu
	Bug	IDEA-210978	Freeze on "Mark object" (F11) in "Inspect object" (Alt-Click) popup
	Bug	IDEA-211513	Project Structure -> Artifacts: Type ComboBox is too narrow
	Bug	IDEA-208560	QuickDefinition popup is enlarged each time it is opened for markdown file
	Bug	IDEA-210887	Notifications settings group list elements are centered
	Bug	IDEA-168007	Non-retina triangle icons in context menu
	Bug	IDEA-210827	DarculaButtonUI.isSquare(Component) uses wrong instanceof test
	Bug	IDEA-208808	Services Tool Window is shown in projects without services

	Bug	IDEA-212346	Scrollbar does not reflect the size of the content in Version Control tab while res
	Bug	IDEA-208339	No gap in log search field
	Bug	IDEA-131794	Tree selection changes on double-click expansion
	Performance	IDEA-208611	Memory leak in IdeGlassPaneImpl
	Performance	IDEA-208610	Memory leak in MouseDragHelper
	Usability	IDEA-212381	If a line has a navigation icon with a keyboard shortcut, the shortcut should wor
	Usability	IDEA-210746	Rename "Move Right" and "Move Down" actions to "Split and Move Right" and "!
	Usability	IDEA-210028	AspectJ: unable to set ajc compiler path
	Usability	IDEA-211210	Duplicated Mnemonic For Edit > Column Selection Mode and Macros actions
	Usability	IDEA-211957	Feedback for "Show intention actions" with no intentions
	Usability	IDEA-212332	Next/previous error navigation should immediately show error tooltip
	Usability	IDEA-211874	Tabs: tabs UI wastes space on left border of a tab
	Cosmetics	IDEA-205502	Main appearance font is not used in several toolwindows and notifications on ma
	Cosmetics	IDEA-211558	Wrong indent in drop-down menu
	Cosmetics	IDEA-209075	Capitalize options in "Find in Path" dialog
	Cosmetics	IDEA-211770	Remove Edit icon from Run Configurations combobox
	Cosmetics	IDEA-212776	Don't show powered by for intentions provided by bundled plugins
	Task	IDEA-202744	Implement browse button inside combo boxes
	Task	IDEA-209398	do not create zillion of "swingworker" threads
	Exception	IDEA-208223	CCE at com.intellij.ui.speedSearch.FilteringListModel.remove
	Exception	IDEA-212642	IllegalArgumentException: Width and height cannot be <= 0
	Exception	IDEA-211366	NPE when trying to open a project from Welcome Screen
User Interface. Controls	Bug	IDEA-209201	[JDK 11] Empty autocomplete popup in run configuration after backspacing som
User Interface. Find, Replace, Usages	Feature	IDEA-210362	Recently Edited and Recently Viewed scopes in Scope Chooser
User Interface. Focus	Bug	IDEA-189984	Can't type in detached editor tab on Mac
	Bug	IDEA-207611	Keymap switch leads to typeahead
	Bug	IDEA-193333	Paste after invoking navigation popup goes to editor sometimes
	Exception	IDEA-189622	Some keystrokes cause "Typeahead timeout exceeded" exception
	Exception	IDEA-207600	"Typeahead timeout is exceeded" exception occurs after using shortcut when co
User Interface. Look and Feel	Bug	IDEA-209654	Buttons have yellow shadow in Darcula theme if IDEA is launched with clean set
	Cosmetics	IDEA-211553	Combobox popups have no border in Darcula theme
User Interface. Navigation	Bug	IDEA-209047	Group separators are eliminated in `Related Symbol` popup on speed search fil
	Bug	IDEA-206631	Show definition should be available in dumb mode for files
	Exception	IDEA-208332	CCE at com.intellij.ide.actions.Switcher\$SwitcherPanel\$SwitcherSpeedSearch.pr
Version Control	Feature	IDEA-210641	Add VCS status and scope information to file quick documentation
	Feature	IDEA-207325	File sorting in Version Control: Local Changes differs from sorting in project view
	Bug	IDEA-209722	Annotate action behave wrong if other annotations added
	Bug	IDEA-211694	External files from ignored folders are suggested to be added to git

	Bug	IDEA-207700	Branches Popup: add tooltips for incoming/outgoing markers
	Bug	IDEA-207822	Local Changes: multiselection is lost on refresh
	Bug	IDEA-210743	Subversion: incorrect working copy is detected if the project is located below the <Project> VCS mapping is used
	Bug	IDEA-115100	Maven project import sets Subversion VCS for submodules, if there is a folder or parent folders
	Bug	IDEA-198792	"new changelist" disappears if a file is selected
	Usability	IDEA-212285	Local Changes Toolbar is hard to find in toolbars customization settings
	Usability	IDEA-170151	Make "Set Active Changelist" button enabled if file (or several files) inside changelist
	Usability	IDEA-205644	Can't abort whole patch apply process in case of multiple path apply conflicts
	Usability	IDEA-166965	Changelist name displayed in dropdown is cropped
	Usability	IDEA-211599	Add an ability to skip "Calculating whether something should be added to this commit"
	Usability	IDEA-204377	Shortcut for Silent Shelf conflicts with Mac OS X system shortcut
	Usability	IDEA-128954	Push dialog: enter invoked on the repository node should move it to edit mode
	Usability	IDEA-203413	Silent Shelf should shelve in the background
	Cosmetics	IDEA-207270	Shelf viewer: missing space after moved files
	Exception	IDEA-214504	"Project opening should be done in a transaction" on checkout project from git
	Exception	IDEA-214643	NPE in VcsPushDialog
Version Control. Git	Feature	IDEA-119995	Git: provide possibility to abort merge process
	Feature	IDEA-125239	gitignore right click?
	Feature	IDEA-208154	Show notification explaining the reason of Rejected force push
	Bug	IDEA-208453	Memory leak in GitXmlRpcHandlerService
	Bug	IDEA-210221	Synchronous execution on EDT: git unstash
	Usability	IDEA-122038	Abort cherry pick & view cherry-pick status should be available from UI
	Usability	IDEA-208506	Don't show commit dialog for Cherry-Pick by default
	Usability	IDEA-212324	Hide "Branch deleted" popup when clicking "Delete tracked branch"
	Cosmetics	IDEA-96602	Small problem with hint on git pull dialog window when choose strategy
	Exception	IDEA-207962	Synchronous execution on EDT: /usr/bin/git version exception (2019.2 master branch)
	Exception	IDEA-208359	Synchronous execution on EDT: git in merge
Version Control. GitHub	Bug	IDEA-209158	GitHub Pull Requests: middle pane is not getting update on Refresh
	Bug	IDEA-206881	GitHub pull requests: unfriendly error message on failed search validation
	Usability	IDEA-203790	It is not possible to refresh the list of pull requests if there are no pull requests
	Usability	IDEA-196905	If no github account is configured attempt to push/pull to repository with 2-step fails: token is not accepted/generated
	Cosmetics	IDEA-205384	Github: correct displayed error message on incorrect credentials providing
Version Control. Log	Feature	IDEA-130845	Log: add action to go-to-parent and go-to-child
	Feature	IDEA-116312	Ability to customise columns in the VCS log
	Bug	IDEA-167341	Intellij 2016.3.x builds run out of memory
	Performance	IDEA-178090	High memory consumption of git indexing for projects with huge merge commits
	Usability	IDEA-207672	`Log Indexing for "SAT" Stopped` message is confusing
	Usability	IDEA-207711	Show columns settings should be preserved for additional Log tab

	Exception	IDEA-209317	Git double-dot: VcsException: fatal: bad revision when branch name is incorrect	
Version Control. Mercurial	Bug	IDEA-195145	Lots of WARN in idea.log from HgStatusCommand about 'No such file or director	
Version Control. Perforce	Bug	IDEA-150303	Default p4 path doesn't work when running IDEA from JetBrains Toolbox on Mac	
	Bug	IDEA-208851	Perforce plugin cannot figure out a symlink is not "modified without checkout" w reverted.	
Version Control. Subversion	Bug	IDEA-207234	Freeze in "Highlight Integrated" for branches with 1 commit difference	
	Bug	IDEA-150369	If path to client is just svn, default /user/bin/svn is used despite the PATH settir	
	Cosmetics	IDEA-207786	Duplicate in Settings -> Keymap (Subversion)	
No subsystem	Feature	WEB-37807	Redesign new Vue project wizard to support npx and displaying progress in term	
	Feature	WEB-38278	ES6: completion for default import bindings according to the exported name	
	Feature	WEB-13732	Add "Range" http header for video.	
	Feature	WEB-36390	Support path aliases defined in jsconfig.json	
	Feature	WEB-37865	TypeScript: no override/implement completion for fields	
	Feature	WEB-38284	Parameter info and parameter hints for tagged templates	
	Feature	WEB-38231	Incorporate NodeJS and Live Edit Tools to the default IDEA installation	
	Bug	WEB-38828	Can't choose value in 'package' field in run configurations on OSX via arrow key;	
	Bug	WEB-38546	Show package's version when create project via npx	
	Bug	WEB-38249	Autocomplete "import" places end in the wrong place	
	Bug	WEB-38807	Please add "unsuspended" to the dictionary	
	Bug	WEB-38850	A second space character is added after typing a space while entering a `return	
	Bug	WEB-38796	Intentions have doubled Before/After preview	
	Bug	WEB-38470	Unicode property escapes are available when language level is set to ECMAScrip	
	Bug	WEB-37999	Invalid highlighting on editing template string injection with nested injections	
	Bug	WEB-38172	AngularJS can not setup development environment for plugin	
	Bug	WEB-38260	Not able to unselect inserted variable name after live template expansion	
	Bug	WEB-34111	Copy paste error with js template literal with a template literal inside	
	Bug	WEB-37921	'Convert to field holding arrow function' incorrectly processes string-named prop	
	Usability	WEB-38832	Can't choose task (gulp, grunt, npm) via arrow keys when field is empty (fresh I	
	Usability	WEB-34956	Console Display has unwanted links on the right	
	Usability	WEB-38585	Implement method/property intention action should have an option to implemer	
	Cosmetics	WEB-38636	Please add "Angeles" to the dictionary	
	Build tools	Usability	WEB-27442	Can't switch between npm and gulp tasks in Run Gulp/Grunt/npm Task window
		Usability	WEB-38759	Add the possibility to disable system notifications from grunt task
	CSS	Feature	WEB-24368	Support postcss-simple-vars
		Bug	WEB-38487	CSS: Unsafe replacement with shorthand when a variable is used
Usability		WEB-37979	'Show CSS color preview as background' option is available when it is not applic Community Edition)	
Debugger	Bug	WEB-36168	Debugger does not respect breakpoints inside Meteor packages	
	Bug	WEB-38041	Console input cleared on arrow down key press	

	Bug	WEB-38564	'Smart step into' suggests only first call of the same name in a line
	Performance	WEB-38675	Debugger: memory leak when re-building the application
	Cosmetics	WEB-37645	Use new UI for smart step into in JS debugger
File Watchers	Bug	WEB-38929	'File watcher problems' inspection doesn't work for Less and other compilers tha ANSI-escaped output
HTML	Feature	WEB-14791	Small tag should be listed as an inline element by default
	Bug	WEB-38873	Wrong WCAG suggestion
	Task	WEB-38207	Html: disable "Image size mismatch" inspection for svg files
JSON	Feature	WEB-37864	Support JSON-schema based code completion for all linters/tools we support for
	Bug	WEB-38090	Don't download the latest JSON v4,6,7 schemas (Always download most recent
JavaScript	Feature	WEB-33939	Suggest class method parameters when ES6 class is extended
	Feature	WEB-37930	Support ES2019 decorators proposal
	Feature	WEB-35756	Autocomplete of export default
	Feature	WEB-38159	Add a quick fix to fix spelling for an unresolved reference if qualifier type has pr name
	Feature	WEB-38139	'Propagate to destructuring declaration' refactoring
	Feature	WEB-38638	Inspection and quick-fix to merge trivial nested template literals
	Bug	WEB-28187	ES6: Unused default export
	Bug	WEB-37294	"Unused default export" when importing module dynamically
	Bug	WEB-36271	Import completion imports items that cannot be really imported
	Bug	WEB-36103	Don't suggest items from "@types" packages not directly specified in package.js completion
	Bug	WEB-38086	Editing injection in template string with 'Edit injection' action fails if another tem arguments
	Bug	WEB-38645	Unused local variable inspection works incorrectly with require statements when assistance is disabled
	Bug	WEB-36091	Import-completion should invoke parentheses insert handler if the item is definiti
	Bug	WEB-38514	'Complete current statement' doesn't work for TS enums
	Bug	WEB-38184	Javascript spread-constructed object property tooltip does not correctly infer sou
	Bug	WEB-38352	JavaScript/TypeScript completion after export default
	Bug	WEB-38936	Remove acton 'Fix all problems in file' for 'Create class/interface' and 'Adjust spe
	Bug	WEB-38248	Autocomplete problems with properties that start with an underscore
	Bug	WEB-38833	JavaScript name suggestions: don't conflict with the global 'name' variable
	Bug	WEB-38957	WebStorm lacks Darcula coloring for some JS-specific elements
	Bug	WEB-37911	"Hide parameter hints for this method" only works for last method in chain
	Bug	WEB-38666	Incorrect auto import when copy/pasting code between files
	Bug	WEB-32758	js: spurious "Invalid number of arguments, expected 0" inspection for the defau
	Bug	WEB-38534	JS: do not show members from unknown namespace in top-level completion
	Bug	WEB-36804	Weird escape \ character multiplication and reduction on copy/paste
	Bug	WEB-38544	JS: suggest exported commonjs names in completion
Bug	WEB-38056	'Flip if-else', 'Merge if-else', 'Remove braces', etc. all remove inner functions insi	

	Cosmetics	WEB-37759	Not ideal layout of JS options page
	Task	WEB-38849	Node modules: exclude from indexing unnecessary files
	Task	WEB-38403	ES6: complete sibling files with relative prefix
	Task	WEB-38420	JavaScript completion: do not show statement-only keywords in expression cont
	Task	WEB-38404	TypeScript / JavaScript: completion after export
	Task	WEB-37952	Support built-in decorators for es2019
JavaScript. Formatter	Feature	WEB-37855	Prettier: allow importing code style rules from .prettierrc.js/ .prettierrc.toml file
	Bug	WEB-38600	Don't remove leading semicolon on reformatting
	Bug	WEB-38505	JavaScript setting for spaces within array brackets are not saved for IDE Global
	Bug	WEB-30108	Formatting JS/TS with HTML injection and 'Enforce HTML quotes on reformat' en
	Bug	WEB-38992	Wrong extra indent for template string argument braces
	Bug	WEB-38042	Wrong indentation in tuple types (Flow, TS)
JavaScript. Frameworks	Feature	WEB-33464	Parameter Hints in Angular Component Template
	Bug	WEB-36722	Angular template files are not recognized if "@angular/core" is not a direct depe
	Bug	WEB-37137	Some vuetify (1.4.6) components have unknown html tags
	Bug	WEB-35634	Angular: directives from node modules not present in package.json are not avai
	Bug	WEB-36119	Angular. Invalid items inside the completion list after the "for" word
	Bug	WEB-38082	PropTypes.shape should support warn on missing required prop inside 'shape'
	Bug	WEB-38354	Angular: wrong exclusions with Angular libraries
JavaScript. Inspections	Feature	WEB-37903	Inspection and quick-fix to merge variables assigned to same destructuring patt
	Feature	WEB-2385	Detect accidental += instead of += on string variable
	Bug	WEB-35108	"Missing await for an async function call" is not triggered when requiring async f
	Bug	WEB-36909	"Add this qualifier" quickfix doesn't work in offline inspections results
	Bug	WEB-30494	'Replace with template string' incorrectly handles non-string items at start
	Bug	WEB-38952	Intentions: "Generate destructuring pattern": disable for enum literals
	Bug	WEB-38316	False positive (?) for "Result of assignment expression used" inspection
	Bug	WEB-31269	Inspection "Missing await for async function call inspection" false positive
	Bug	WEB-35745	No notification about missed await near Promise returned function
	Bug	WEB-36869	No notification about missed await if async function call is on the right side of as
	Bug	WEB-38543	Cleanup fixes reported from "Missing module dependency" inspection
	Exception	WEB-38515	PsiInvalidElementAccessException is thrown for "Create derived class" intention
JavaScript. Refactoring	Feature	WEB-32725	Postfix templates for destructuring
	Feature	WEB-38801	'Introduce variable' for destructuring patterns in variable declarations
	Feature	WEB-38307	Inspection for redundant 'return await' and 'await await' + corresponding cleanu
	Feature	WEB-38662	'Introduce variable' can introduce spread elements when selection is over multip
	Feature	WEB-38308	Inspection and cleanup for redundant await/return Promise.resolve() and Promis
	Bug	WEB-35443	'Create field' creates field outside object
	Bug	WEB-38590	'Iterate with for..of' intention action should suggest to iterate with 'for await..of' asynchronous iterable

	Bug	WEB-16954	JavaScript. Error when extracting method from object property
	Bug	WEB-38194	Converting string concatenation to template string drops comments
	Bug	WEB-38208	Invalid code is generated when splitting destructuring object
	Bug	WEB-34393	Extract variable shouldn't be available on 'export default function' when corresp overloads
	Usability	WEB-38742	'Propagate to destructuring' should be available on the variable itself
LESS	Bug	WEB-38322	Less: nested @supports at-rule causes syntax errors
Linters	Bug	WEB-38881	"Reformat with Prettier" should be available for files with shebang
	Bug	WEB-37547	'Suppress all ESLint rules for current file' adds 'null' if 'eslint-disable' already exists
	Bug	WEB-36803	Errors reported by linters should show better tooltip if error message is multiline
	Bug	WEB-38737	Importing 'indent' rule from ESLint configuration should disable conflicting settings
	Task	WEB-38083	Remove action to reset changes to code style on importing from TSLint
Node.js	Bug	WEB-38634	The built-in Node module 'module' flagged as not listed in dependencies
SASS	Bug	WEB-38149	Sass mixin content arguments not recognised
	Bug	WEB-7524	SCSS cannot find mixin which is declared later in the file
TypeScript	Feature	WEB-38589	Intention action to add explicit enum values for TypeScript enums
	Feature	WEB-37201	Introduce smartcast highlighting similar to that we have in Kotlin
	Feature	WEB-14945	Parameter hints / parameter info / documentation support for rest-tuples with --
	Bug	WEB-38954	idea auto complete with unsafe key index
	Bug	WEB-38165	Typescript autocompletion for objects with enum as key doesn't work with comp
	Bug	WEB-38296	introducing interface doesn't work if parameter selected with the type
	Bug	WEB-38238	'Extract type alias' / 'Convert parameters to object' should properly handle infer
	Bug	WEB-38682	Wrong indent after `=` in the TypeScript type definition
	Bug	WEB-38271	Implementing methods for object literal doesn't properly substitute generics
	Bug	WEB-38865	False positive 'rest parameter should be of array type' on rest-parameter with in
	Bug	WEB-38500	Typescript find usages fails for object/interface keys containing dot
	Bug	WEB-38555	Auto-import doesn't allow to erase import statement - inserts it again
	Performance	WEB-37988	Code analysis never completes, high CPU usage on evaluating types
	Usability	WEB-37883	Update default color for TypeScript Type Parameters
	Usability	WEB-38733	Support parameter info/hints for inferred higher-order functions
Unit Tests	Feature	WEB-38630	Jest: improve "todo" test support when using jest-circus as test runner
	Bug	WEB-11505	Cucumber: can't run cucumber if step definitions are located in non-default dire
	Bug	WEB-36777	Show test status in the gutter for both compiled and original file when using Jes
DB Schema Views	Feature	DBE-4807	Show table/column comments in database tool window (tree) for all elements at
	Feature	DBE-4336	Show database column default value in database tool window
Navigation & Search	Feature	DBE-8080	Introduce All Data Sources and per-Data Source search scopes
	Feature	DBE-6452	Option to restrict Navigate to Table/Routine/Class to connected Data Sources
	Feature	DBE-5592	Filtering in Go-to-table navigation