

IntelliJ IDEA 2020.1 EAP (201.5259.13 build)

Release Notes

No subsystem	Bug	IDEA-232076	false positive "@Nullable method 'getLeastUpperBound' always returns a non-null value" for <code>com.intellij.psi.GenericUtil#getLeastUpperBound(com.intellij.psi.PsiType, com.intellij.psi.PsiType, com.intellij.psi.PsiManager)</code>
	Bug	IDEA-229981	IDEA freeze on startup
	Task	IDEA-232116	Remove <code>com.intellij.ws.rest.client.RestClientDataProvider</code> in HTTP Client
Build. Gradle	Bug	IDEA-232234	Cloning project with build gradle but without gradle caches shows two similar notifications
Build. Maven	Bug	IDEA-230004	Maven lifecycle set to execute Before/After Build don't complete before IntelliJ moves on
Code Analysis. Inspection	Bug	IDEA-232351	Exception during PyCharm launch: <code>nSystem.impl.ActionManagerImpl - Assertion failed</code>
Core	Task	IDEA-226257	EPs to make dynamic
Core. Debugger	Task	IDEA-232047	Debugger : extract to bundles
Core. IDE Settings	Bug	IDEA-232097	File Templates are saved to the incorrect folder
	Bug	IDEA-232420	PyCharm fails to save multiple live templates created
	Bug	IDEA-227800	Registry. 'Restart required' message is shown for cases when nothing has changed
	Usability	IDEA-201163	Left key behavior in the Settings tree is inconsistent with other trees
Core. Installation	Feature	IDEA-231898	Add .kts to "Create Associations" when installing IntelliJ IDEA
	Bug	IDEA-230734	PyCharm uses entitlements to relax the security on the hardened runtime environment
Core. Plugin Management	Bug	IDEA-208558	Wrong counting of downloaded enabled plugins in the tab Installed
	Bug	IDEA-232593	Couldn't complete installation of dynamic plugins. Exception: class <code>com.intellij.ide.plugins.PluginNode</code> cannot be cast to class <code>com.intellij.ide.plugins.IdeaPluginDescriptorImpl</code>
	Bug	IDEA-231952	Assertion error on uninstalling ini plugin
	Bug	IDEA-198479	Plugins page: popup is not updated when IDE frame moved
	Bug	IDEA-231964	Plugins: Do not show Install Required Plugins dialog if required plugin(s) are dynamic ones and have been just installed
	Bug	IDEA-232600	All dynamic plugins prompt to restart IDEA on every enable and disable
	Bug	IDEA-232439	It is impossible to disable incompatible plugins
Core. Project Settings	Usability	IDEA-219373	Scala SDK data is deleted from <code>libraries/*.xml</code> when Scala plugin is not enabled
	Task	IDEA-231216	Two <No SDK> options in Project SDK popup
Core. Quick Documentation	Usability	IDEA-232455	Documentation shown on hover may prevent from using the debugger tooltips
	Usability	IDEA-231778	Javadoc rendering does not apply JetBrains Mono consistently
	Cosmetics	IDEA-232507	Add option to enable/disable quick doc on mouse hover to the quick doc popup
Core. Run. Configurations	Cosmetics	IDEA-200420	Temporary configurations limit field size
Editor	Feature	IDEA-232177	Add the way to find out what fonts are actually used in editor component to render the text

	Bug	IDEA-231582	Editor hover popup does not disappear on opening settings (mac)
	Usability	IDEA-230636	Editor scrolls on fold/unfold of a code block
Editor. Code Completion	Feature	IDEA-231373	Treat overloaded method calls as empty so IDEA doesn't introduce spaces within the parentheses
Editor. Color Schemes	Bug	IDEA-231936	New light color scheme is not applied when config is imported
	Bug	IDEA-231942	Changing editor color scheme from light to dark lost the selected theme
Editor. Diff and Merge	Bug	IDEA-232209	Diff window is not scrolling to the first changed fragment on opening
	Bug	IDEA-232322	Preview diff changes size of split view
	Usability	IDEA-89710	File diff shows usages of element of caret of original editor
Editor. Editing Text	Feature	IDEA-159484	Add combinations for ligatures in font preview text box
	Bug	IDEA-230941	When I press " + o" or " + p", I get a wrong character '\uffff'. (default emacs keymap)
Frameworks	Bug	IDEA-232175	JAX-RS completion for @Path only on class doesn't work
	Bug	IDEA-231956	Endpoints view: GenerateHttpRequest: strange representation of the project *.http file in file selection popup
	Bug	IDEA-230805	JavaScript, WebSockets: exclude http urls from completion
Frameworks. Micronaut	Bug	IDEA-232382	Micronaut: don't inject Regexp language into path variable when digits used as constraint
	Bug	IDEA-232261	Micronaut: Regexp language injection should work for PathVariables if no explicit attributes are provided for the mapping annotation
Frameworks. Reactor	Bug	IDEA-171306	Spring Data: Reactive: in reactive repositories the query method parameters of Mono and Single types
Frameworks. Spring	Bug	IDEA-121150	Spring MVC: highlight wrong @PathVariable with implicit name
	Bug	IDEA-224882	Expression has unresolved @PathVariable during importing variable from interface.
Grazie	Bug	IDEA-227861	Grazie treats leading `;` as part of Clojure comment text
	Usability	IDEA-232174	Grazie: update to 2020.1 without notification about missing languages
	Task	IDEA-228697	Rework disabling of rules and categories in Grazie
Java. Code Completion	Feature	IDEA-76990	Completion for 'instanceof' keyword in negative conditions.
Java. Debugger. Streams	Bug	IDEA-232237	i18n in stream debugger
Java. Error Highlighting	Bug	IDEA-232103	"Field may be 'final'" false positive for fields initialized in try-catch block with multi-catch
	Bug	IDEA-231578	Can't show correct error on edit
Java. Inspections	Feature	IDEA-232581	Missorted modifiers: add an option to prefer TYPE_USE target when other targets exist
	Bug	IDEA-232026	False positive "Primitive type members cannot be annotated" inspection
	Bug	IDEA-232014	False positive `Constant conditions & exceptions` inspection for `Class#isAssignableFrom(Class)`
	Bug	IDEA-228870	"Conditional expression" inspection, "Replace with if statement" quick fix produces red code
	Bug	IDEA-232013	Incorrect warning "Condition ... is always false"
	Bug	IDEA-229892	Side-effect extractor: adapt for patterns
	Usability	IDEA-232001	@NotNull not detected for peek() in custom LinkedList<>
	Usability	IDEA-232099	"Field may be 'final'" false positive for fields updated by AtomicReferenceFieldUpdater

Java. Intention Actions	Exception	IDEA-225509	'Replace ' ' with '&&' fails on invalid code
Java. Refactorings	Feature	IDEA-229843	Change signature refactoring for records
	Feature	IDEA-196490	ReSharper-like after-the-fact refactoring intentions
	Bug	IDEA-232559	Rename record component: field reference is not renamed if getter overload is present
Java. Tests. Cucumber	Bug	IDEA-226187	Cucumber plugin doesn't find the step reference in jar when using cucumber expressions
Lang. JSON	Feature	IDEA-232277	Add HAR file type and JSON schema mapping
Lang. RegExp	Usability	IDEA-230642	Check RegExp is unnecessarily slow
Plugin Development (DevKit)	Feature	IDEA-232333	Provide an action to create a message bundle class and corresponding properties file in IntelliJ project
Tools. Docker	Task	IDEA-232299	Internationalize Docker plugin
Tools. Kubernetes	Usability	IDEA-225372	Kubernetes. Decrease the k8s plugin size
	Task	IDEA-232300	Internationalize Kubernetes plugin
User Interface	Bug	IDEA-231055	"Restore Default Layout" action moves all tool windows to Top Left
	Bug	IDEA-231300	Cropped popup in completion
User Interface. Embedded Browser (JCEF)	Bug	IDEA-231063	[jcef] implement custom scheme for "file://" protocol
Version Control	Bug	IDEA-229133	VcsDirtyScopeImpl.myDirtyFiles uses case-sensitive hashing strategy
	Bug	IDEA-232148	Branches: empty lines appear on switching "Group by Directory"
	Bug	IDEA-226994	Shelves Not Available After Restart
	Usability	IDEA-231687	Support Shift+Tab for navigation between Commit toolwindow elements
	Cosmetics	IDEA-232087	Local Changes Tool Window: Missing Decimal Separators in the Status Line
Version Control. Git	Bug	IDEA-231681	Git branches toolwindow: empty folders are not filtered out
	Bug	IDEA-94470	Case-renamed file disappears from the Changes view on Save
	Bug	IDEA-231802	Revert changes: revert changelist is still displayed after revert was aborted
	Bug	IDEA-232303	toString() results are visible/editable in the new rebase window
	Bug	IDEA-232562	IDEA checks Git version twice when clone dialog is opened
	Usability	IDEA-231793	Disabling non-modal commit should restore toolwindow layout
Version Control. Log	Bug	IDEA-216882	Diff is not available for changes in external repositories Log
No subsystem	Feature	WEB-39998	Show property names in completions for indexers
	Bug	WEB-43680	Extract parameter causes an exception when invoking inside arrow function
	Usability	WEB-9655	Clean-up "New File" dialog
	Task	WEB-43677	Please make the AWS Toolkit plugin featured in WebStorm
JavaScript	Feature	WEB-34743	Support Proposal Logical Assigment: syntax-only
	Bug	WEB-42887	'Infer parameter types from usage' causes a freeze when searching for references takes too long
	Bug	WEB-43487	JavaScript Array.map() false positive "Contents of collection 'filterNames' are updated, but never queried"
JavaScript. Frameworks	Bug	WEB-43354	WebStorm can't recognize Quasar components as of version 1.7.4 (1.7.3. works)
	Performance	WEB-43017	Slow scroll in new version 2019.3

	Usability	WEB-43570	Vue.js: Make sure plugin is I18N-ed
JavaScript. Inspections	Task	WEB-43640	Disable "Unterminated statement" inspection in JavaScript
JavaScript. Refactoring	Bug	WEB-43568	'Extract variable' causes an exception in script tag when call inside arrow functions
	Task	WEB-43600	'Infer parameters from usages' improvements
Linters	Bug	WEB-43643	Prettier: incorrect path to prettier package stuck
Node.js	Bug	WEB-43683	'Path mappings' field is missed when create Node remote RC
TypeScript	Feature	WEB-38859	Implementing a property with functional type should result in a method implementation
	Bug	WEB-43663	Renaming refactor doesn't refactor callbacks passed to functions
	Bug	WEB-42635	'Implement All members' expands type aliases unnecessarily
	Bug	WEB-43239	Generic type not substituted on narrowing
	Bug	WEB-43708	Accessing properties after optional chain in conditional causes WebStorm to discount optional chain when calculating type narrowing
	Bug	WEB-43710	typescript keyword completion within '<>' fails when has `=`
	Bug	WEB-43653	TypeScript: 'constructor' suggestion erases access modifier
Unit Tests	Feature	WEB-33822	Jest update all snapshots in file
	Bug	WEB-43467	test runner fail when there has a exits run conf with same name
DB Connectivity	Feature	DBE-3522	Integration with pgpass