

IntelliJ IDEA 2020.2 EAP (202.5103.13 build)

Release Notes

No subsystem	Feature	IDEA-241579	Support doc rendering for FakePsiElements
	Bug	IDEA-240160	Stacktrace leaks via LookupImpl
	Bug	IDEA-242245	"Droid SAns Mono Slashed" looks not mono in an editor
	Bug	IDEA-238968	remove deprecated createXXXAnnotation() from RubyVisitor
	Bug	IDEA-241293	EditorMarkupModel.myEditorFragmentRenderer leaks references to highlighters after hint has been hidden
	Bug	IDEA-241065	"no plugin updates available" when checking for Idea update on Mac
	Bug	IDEA-240988	Toml plugin: failed to unload
	Bug	IDEA-238962	Debugger hints overlap with lens
	Usability	IDEA-161842	Key Mapping: Ctrl-Y not assigned to "Redo" is problematic
Build. Built-in (JPS)	Task	IDEA-235292	Make jps.plugin EP dynamic
Build. Gradle	Bug	IDEA-241416	Init scripts for test debugging with delegation to Gradle change on each invocation
	Bug	IDEA-233999	Exception and restart IDE on Disabling/Enabling of Gradle plugin
	Bug	IDEA-241443	No Project SDK on opening new project without sdks in sdk table
Build. Maven	Bug	IDEA-237437	Maven Profile Selection not working with IntelliJ 2020.1
	Bug	IDEA-215596	Maven: wrong dependency resolution
Code Analysis. Dependencies	Bug	IDEA-239036	'Broken usages' and 'Usages' split by comments
	Bug	IDEA-239035	'Broken usages' shown for class instead of method
	Bug	IDEA-239029	'Broken Usages' toolwindow suggestions
	Bug	IDEA-239391	Broken usages confused by the same field name.
Code Analysis. Inspection	Feature	IDEA-241550	Save inspection group paths to the .descriptions.xml
	Bug	IDEA-242043	NPE: null keys not supported at gnu.trove.THashMap.put(THashMap.java:161) in idea.log
	Bug	IDEA-238796	Data Flow Analysis: Ctrl + Shift + P(twice)
Code Analysis. Structural Search	Bug	IDEA-241760	SSR inspection lose description after restart.
	Bug	IDEA-241733	IDEA adds SSBasedInspection suppression annotation instead of specific one, when there are more than one search template.
	Bug	IDEA-241730	'Java class member' SSR inspection template shows errors at first opening
	Bug	IDEA-242120	method call with parenthesized qualifier not matched
	Bug	IDEA-239371	Cannot edit existing template of SSR inspection
	Bug	IDEA-242127	multi-match pattern failure
	Usability	IDEA-241611	Do not populate 'Meta data' of new inspection
	Cosmetics	IDEA-201472	SSR: drop-down for file type selector is too big for the toolbar
	Cosmetics	IDEA-201474	SSR: Windows layout is sloppy
	Core	Bug	IDEA-240452

	Bug	IDEA-242151	ConverterManagerImpl leaks references to unloaded plugins
	Bug	IDEA-241340	Timeout in tests during BaseFixture.disposeRootDisposable caused by LaterInvocator
	Bug	IDEA-240449	Velocity runtime leaks reference to classes of unloaded plugin via StopCommand.backtrace
	Bug	IDEA-241785	headless mode - Task.Backgroundable exhibits modal behaviour
	Bug	IDEA-242155	DomApplicationComponent.myVisitorDescriptions holds references to classes from unloaded plugin
Core. File System	Bug	IDEA-241524	When I create new files using de Angular CLI, the files are not visible immediately in the Project tab
	Bug	IDEA-239947	Deadlock between EDT and Jar file attributes updater
Core. IDE Settings	Bug	IDEA-240780	Wrong keymap is selected on upgrade (if previously used a modified keymap)
	Bug	IDEA-240686	TemplateCommentPanel leaks reference to FileType after plugin is unloaded
Core. Indexing	Bug	IDEA-241753	Too Many Shared Index Flush Threads
	Bug	IDEA-240662	shared-indexes: write not implemented error
	Bug	IDEA-241361	Indexing got stuck
	Bug	IDEA-238381	Deadlock in indexing
	Performance	IDEA-240587	Sometimes indexing is single-threaded
Core. Installation	Bug	IDEA-241455	Patches 201/202 x86-win fail to apply properly
Core. Licensing	Bug	IDEA-233020	Limited session is not available after eval is expired and paid plugin was installed or License dialog is opened
Core. Navigation and Search	Feature	IDEA-230679	Search Everywhere: Show all results in one group on All tab
	Bug	IDEA-208876	Open Class Dialog: PDFRe should match PdfRenderer
Core. Platform API	Bug	IDEA-241390	ErrorStripeUpdateManager leaks TrafficLightRenderer from TrafficLightRendererContributor on plugin unload
Core. Plugin Management	Bug	IDEA-240574	Dynamic plugins: static maps in ElementPresentationManager
	Bug	IDEA-240415	File type added by fileName="..." attribute doesn't work if a plugin that declares it is loaded dynamically
	Bug	IDEA-239661	Improve the way the 'Plugin error' messages are displayed in the Event Log toolwindow and notification balloon (html should be rendered)
	Bug	IDEA-240805	Go template plugin: java.lang.Throwable: Unexpected initialization problem by plugin installation
	Bug	IDEA-240436	Updated plugins are still marked as incompatible
	Bug	IDEA-240714	When PHP plugin is enabled, PHP extension is not reassocated from user-defined file type to PHP plugin
	Bug	IDEA-241314	Plugin can't be unloaded because of references to its ClassLoader via StripeButton.acc
	Bug	IDEA-242046	Do not see the link "Show All"
	Bug	IDEA-240538	Theme plugin auto apply after update resetting previous settings
Core. Project Settings	Usability	IDEA-240068	error: java: error: release version 15 not supported when compiling project with JDK_X language level in misc.xml
Editor	Bug	IDEA-241478	No highlighting for the selected smart step into variant
	Bug	IDEA-240319	"Scroll to Center" does not work with Move caret, minimize Editor scrolling

	Bug	IDEA-234948	'Unsplit All' action doesn't work
	Bug	IDEA-240064	IndexOutOfBoundsException in logs in IDEA 2020.1.1
	Bug	IDEA-240773	Line Separator widget doesn't appear for new file
	Bug	IDEA-241951	Misaligned bullet points in rendered documentation
	Bug	IDEA-241266	Editor hint isn't always displayed when pressing Next/Prev error buttons in Inspection Widget
	Performance	IDEA-240681	Column selection mode is slow
	Usability	IDEA-237977	Rendered JavaDoc not selectable
	Usability	IDEA-238203	Rendered doc view cuts off large images
	Usability	IDEA-241796	Rename 'Render All' to 'Render All Documentation Comments' or similar
Editor. Code Completion	Feature	IDEA-238495	Allow to enrich fus data about code completion from plugins
	Bug	IDEA-240185	CompletionPhase leaks a reference to Editor on plugin unload
	Bug	IDEA-241485	Missing fus 'completion' event group
Editor. Code Completion. ML	Bug	IDEA-238908	Arrows with position changes after ML reordering are broken
Editor. Color Schemes	Bug	IDEA-235116	Darcula: annotation attributes are too bright in Java
Editor. Editing Text	Bug	IDEA-240370	Clone caret above/below uses incorrect caret position
	Bug	IDEA-240297	IDEA freeze on fetching documentation is completion popup
	Usability	IDEA-234321	"Copy as Plain Text" from inside JSON string value performs unescaping
	Usability	IDEA-64606	Show live template placeholders
	Usability	IDEA-220863	Jump outside closing bracket for <>
Editor. Error Highlighting	Bug	IDEA-241554	Hint color for broken usage stays the same after editor theme changed
Editor. Formatter	Bug	IDEA-161839	editorconfig not working on new files
Editor. Spellcheck	Task	IDEA-239816	Spellchecker engine re-implementation
Editor. TextMate Bundles	Bug	IDEA-241961	Breaking change in TextMateHighlightingLexer in 2020.2 EAP
	Bug	IDEA-241606	TextMateFile doesn't allow for addition of references from external reference contributors/providers
Frameworks	Feature	IDEA-241413	Microservices: MQ references for constants used in annotations and method calls
	Bug	IDEA-241743	Unsupported tag 'bus' for namespace 'http://cxf.apache.org/core'
	Usability	IDEA-241884	Microservices: trigger find usages on authority reference by click
Frameworks. Micronaut	Bug	IDEA-241617	Micronaut and Kafka: it would be nice to find the topic name used as argument in producer method call
	Bug	IDEA-241615	Micronaut and Kafka: no navigation to the configuration property used in @SendTo annotation
Frameworks. OpenAPI (Swagger)	Bug	IDEA-241295	Reentrant Indexing caused by OpenapiIndex polling JsonSchemaProviders
Frameworks. Selenium	Bug	IDEA-241289	Selenium: exception on run test with junit+allure
	Usability	IDEA-235035	Selenium: open build file and sample test after project creation
Frameworks. Spring	Bug	IDEA-238792	Spring Data method names completion is shown instead of standard Java completion

	Bug	IDEA-242005	Spring Data completion erroneously shown inside annotations on repository methods
	Exception	IDEA-241492	INRE from EndpointGroupListView.getData in Dumb Mode
Groovy	Bug	IDEA-240045	Gradle plugin fails on backspace / auto-indent
Groovy. Grails	Task	IDEA-240433	Make Grails plugin dynamic
Infrastructure. Build Scripts	Configuration Problem	IDEA-241196	Using openjdk 8u252 causes the IntelliJ build to fail
Java	Feature	IDEA-240404	Analyze dataflow to here: stack-trace based scope
	Bug	IDEA-241786	Add junit 5 to project dependencies changes code in the editor
	Bug	IDEA-240571	"implement method" action works bad with arrays notnull twice
Java. Code Formatting	Bug	IDEA-227159	Class created with template is not reformatted according to editorconfig
Java. Error Highlighting	Bug	IDEA-241400	Broken usages search checks for problems in non-project files
	Bug	IDEA-240049	Don't report "foreach not applicable" if type being iterated is unresolved
	Bug	IDEA-240051	Don't report "condition X instanceof T is always true/false" if T is an unresolved type
	Bug	IDEA-240121	IntelliJ shows cast as redundant, though it isn't
	Bug	IDEA-241470	var not inferred to the correct type in JDK 14 switch expression
Java. Inspections	Feature	IDEA-222096	Check that JUnit's 'assertSame' parameters have convertible types
	Feature	IDEA-241696	assertEquals between inconvertible types: support assertEquals, etc.
	Feature	IDEA-190678	Inspection to warn about unnecessary array creation in log call
	Feature	IDEA-242220	Infer mutation signature from source
	Bug	IDEA-241943	Comma disappears after applying the quick fix of "Redundant array creation for calling varargs method"
	Bug	IDEA-236631	Suspicious toArray call should not warn when the toArray result is cast to the non-reifiable type
	Bug	IDEA-225616	Error in "Redundant local variable" when generic class
	Bug	IDEA-241332	Malformed format string doesn't recognise String#formatted
	Bug	IDEA-217602	False positive 'cast conflicts with instanceof'
	Bug	IDEA-220418	"Hardcoded file separator" inspection needs update for text blocks
	Bug	IDEA-223591	False-positive Call to 'Hashtable.putAll()' on properties object on Map<String, String>
	Bug	IDEA-241207	Incorrect inspection conclusion from negating a function
	Bug	IDEA-200489	Replacing lambda with method reference discards annotation on Java 11 var lambda parameter
	Bug	IDEA-241471	Unnecessary fully qualified name false-positive
	Bug	IDEA-212568	Cast conflict with instanceof false positive
	Bug	IDEA-241354	Cast conflicts with instanceof false-positives
Bug	IDEA-238099	'Remove redundant assignment' quick fix leads to uncompileable code	

	Task	IDEA-216391	Compound junit/testng inspections under Java Test Frameworks group
	Configuration Problem	IDEA-241787	'equals can be replaced with isEmpty' leads to 'isEmpty may produce NPE'
Java. Intention Actions	Usability	IDEA-228553	Wrap String into Path.of instead of Paths.get on Java 11+
Java. Refactorings	Bug	IDEA-240933	live templates ".var ": the generated result mistakenly contains its annotation
	Bug	IDEA-233798	Renaming of overridden method does not work properly in java scratch files
	Bug	IDEA-241809	Editor window frozen after repeated rename
	Bug	IDEA-232023	Automatic code refactoring removes type annotations from affected classes (such as renaming or auto-import).
Java. Tests. JUnit	Usability	IDEA-241288	Provide descriptions for icons used in test runner UI
JavaX. AppServers	Bug	IDEA-241407	Broken application servers integration
JavaX. JPA	Bug	IDEA-240425	KT: Generate Kotlin Entities.kts doesn't work
Lang. FreeMarker	Feature	IDEA-240207	Click-to-navigate support for Freemarker .get_optional_template
Lang. Shell Script	Feature	IDEA-216804	Variable completion inside curly braces \${}
	Bug	IDEA-239871	Shell: Variables and subexpressions not supported in regular expressions, parsing error with parentheses expression
Lang. XML	Bug	IDEA-241742	"PSI invalidated outside transaction" message in idea.log after changing xml text
Plugin Development (DevKit)	Bug	IDEA-242126	Devkit: use <actions> "resource-bundle" in inspections
	Bug	IDEA-242117	DevKit: support <actions> "resource-bundle" code insight
	Bug	IDEA-241994	DevKit: could not locate main plugin.xml
Tools. Docker	Feature	IDEA-241383	Support "Docker for Windows" same as "Docker for Mac"
	Bug	IDEA-236451	Docker: Exec tabs for a container are closed only from the second time.
	Bug	IDEA-221970	Docker plugin errors with Docker Enterprise
	Bug	IDEA-207193	Docker Integration can't connect to npipe on Windows
	Usability	IDEA-171120	Docker. Connect. Provide explaining error message if the path to the certificates folder is wrong
Tools. HTTP Client	Bug	IDEA-241998	HTTP Client: Response handler doesn't recognise vendor JSON content type
Tools. Kubernetes	Feature	IDEA-240695	Make current namespace selection survive IDEA restart
	Bug	IDEA-241770	Kubernetes: It should be always possible to clear saved cluster context settings to default
	Bug	IDEA-241777	Kubernetes. Custom Resources: yaml file is not opened by double click for tree items.
	Bug	IDEA-240817	Kubernetes suggests to install Go Template plugin when plugin is already installed but disabled
User Interface	Bug	IDEA-241828	Popup menus have long invisible internal cooldown
	Bug	IDEA-238425	Search everywhere popup does not remember its size after reopening
	Bug	IDEA-240457	IdeFrameImpl.tmporaryLostComponent leads to various UI component leaks on plugin unload
	Bug	IDEA-241923	Search Everywhere: Misordering in Results

	Bug	IDEA-241832	Search Everywhere: Commands are shown after actions on "All" tab i case of mixed results
	Performance	IDEA-238301	Subpixel(LCD) text is slow with UI font in 2020.1, switching to greyscale antialiasing helps
	Usability	IDEA-92196	Event Log tool window shows indication of new message, but can't show the message before indexing completion
	Usability	IDEA-205563	Incorporate sound cues into UI
	Cosmetics	IDEA-237117	Broken layout in Highlighting level dialog in 2020.2 master (#IU-202.2222) macOS 10.15.2
	Cosmetics	IDEA-235222	Speed search breaks text spacing
	Cosmetics	IDEA-236070	hector the inspector is still alive
User Interface. Accessibility	Bug	IDEA-238421	"Screen reader support" dialog does not appear on first IDEA start
User Interface. Embedded Browser (JCEF)	Bug	IDEA-241623	Shortcuts and input stop working in IDEA after creating markdown file
User Interface. Find, Replace, Usages	Bug	IDEA-229350	Can't see the buttons in the "Replace All" dialog from "Replace in Path" dialog
	Task	IDEA-217969	Change the tab header for 'Replace' opened in Tool Window
User Interface. Look and Feel	Bug	IDEA-241705	"Classic Light" color scheme is applied to editor after installing dynamic plugins
Version Control	Feature	IDEA-210301	Support terminal colors in VCS console
	Feature	IDEA-236817	Use Cmd\Alt+0 for Commit toolwindow
	Bug	IDEA-241328	Empty patch generated when created from Shelf
	Usability	IDEA-232551	Option to restore showing diff preview in the Log on the right
	Usability	IDEA-241808	Second click on "Amend" checkbox leads to "Amend Commit" action. And not to unchecking checkbox.
	Cosmetics	IDEA-241242	"Shelving changes" progress title starts with underscore
Version Control. Git	Feature	IDEA-125616	Allow to compare any two branches
	Feature	IDEA-234648	Always Use schannel sslbackend for HTTP based remote commands on WIndows
	Bug	IDEA-230448	Display the actual Git executable error in the Settings
	Bug	IDEA-241364	Non-localized label in Push dialog
	Bug	IDEA-241262	List of commits doesn't update on detached Compare branches tab
	Bug	IDEA-204480	Git: all remote operations fail with "execvp: No such file or directory" error
	Bug	IDEA-236597	Reworded commit message is dropped after squashing
	Bug	IDEA-241379	Menu is available for empty list of commits in Compare branches tab
	Usability	IDEA-241275	Remove Swap branches from the Compare view
	Cosmetics	IDEA-241254	Incorrect hint for Compare branches tab
	Exception	IDEA-241257	java.lang.AssertionError: Action:Collapsing linear branches...
Version Control. GitHub	Bug	IDEA-242149	Pull request can't be opened
	Bug	IDEA-241261	IllegalArgumentException: "List has more than one element" after default GitHub account is set
	Bug	IDEA-235810	GitHub PullRequests: cannot submit review with approval
	Bug	IDEA-241984	Pull request TImeline: Loading... label gets stuck

	Bug	IDEA-241280	GitHub Pull Request: Last Timeline entry is doubled after Pull Request is reopened
	Bug	IDEA-236888	Pull Requests: timeline editor tab doesn't appear in RecentFiles and RecentLocations dialogs
	Bug	IDEA-238553	GitHub Pull Requests: the last comment is doubled in Timeline view on 'view pull request' re-invocation
	Usability	IDEA-241437	GitHub Pull Requests: Refresh Timeline is not available in the middle of timeline
Version Control. Subversion	Bug	IDEA-241771	Added file with set property is not shown as "Locally Deleted" if removed from terminal using "rm" command
No subsystem	Feature	WEB-31762	Code format should allow configuring prettier as default
	Bug	WEB-45758	Stuck Typescript Code Analysis and InvalidPathException
	Bug	WEB-32876	Don't wrap long method calls in Vue.js interpolations on formatting
	Bug	WEB-26087	Vue.js: HTML comments are used in the style tag instead of SCSS comments
	Bug	WEB-45704	Vue.js: backspace in indent based sub-langs should remove one indent
	Usability	WEB-44683	New prettier-on-save functionality persisted in .idea
Debugger	Bug	WEB-45707	Debugger can't connect sometimes
HTML	Bug	WEB-34199	Rearrange tag attributes doesn't work in JSX or TSX
	Bug	WEB-41056	New top-level line inside script tag is indented according the HTML, not JavaScript code style settings
JavaScript	Bug	WEB-44868	Webstorm doesn't show completion for attributes of classes referenced through JSDoc from other files
	Bug	WEB-45390	Trailing comma should be allowed in flow generic type parameters
	Bug	WEB-45511	JSDoc type casting doesn't work
	Bug	WEB-45663	Enable completion autopopup with a suggestion of names after keywords
	Bug	WEB-45402	Structure view for JavaScript file fails to filter attributes and methods
	Bug	WEB-45448	Javascript : auto-complete not working for multiple levels of Object.Assign() if result of the Object method wasn't re-assigned to the target object
	Bug	WEB-45639	Go to usages doesn't work on variables
	Bug	WEB-45288	'Create method from unresolved' sometimes creates method in wrong class of identically-named classes
	Bug	WEB-45812	Wrong redundant character escape in ECMAScript 2015 unicode mode (for square brackets)
	Bug	WEB-45670	JavaScript: instanceof keyword isn't suggested after variable name in definitions
	Usability	WEB-45718	Add additional live templates for JavaScript keywords
	Usability	WEB-45746	Replace nested calls with pipe expression intention: do not show for short chains
	Usability	WEB-45744	Remove unnecessary braces intention: do now show if there's a newline after the brace
	Exception	WEB-45613	SOE during indexing of js file
	Exception	WEB-45611	Code Analysis Crashes when trying to commit
JavaScript.	Feature	WEB-43270	Support npm package 'vue-typed-mixins'

Frameworks	Feature	WEB-44383	Vue Components are not recognised when a Mixin is extended in Typescript
	Feature	WEB-45736	Show type of React component's property in documentation popup and on cmd-hover
	Bug	WEB-37968	Bug with commenting SCSS multiple transform lines in VUE files
	Bug	WEB-42448	HTML Quote style - Enforce on reformat is not applied in Vue apps
	Bug	WEB-45584	Vue.js: Code in <style> tag ignores language specific "Quote marks" settings while reformatting
	Bug	WEB-45716	Creating a "Cordova Project" stops at "-Building an enterprise app? Ionic has Enterprise Support and Feature: https://io...."
	Bug	WEB-40041	Yeoman: cannot install a generator from UI
	Bug	WEB-30024	In .vue files, lang = stylus, the cursor wrap in the wrong indent
	Bug	WEB-26961	Create-react-app: support installation via yarn
	Bug	WEB-45591	Vue.js: "Use HTML indents within <style> and <script> tags" option affects formatting in vue files
	Usability	WEB-45740	Extract React Component: change name in the list of refactorings
	Usability	WEB-45703	New project with create-react-app: remove Scripts version field
	Cosmetics	WEB-45529	Corrupted hint text in Editor Code Style Vue
	Cosmetics	WEB-28224	Rename PhoneGap/Cordova to Cordova
	Cosmetics	WEB-26962	Improve 'Invalid package' warning
	Exception	WEB-42402	Throwable when creating a new Ionic project
	JavaScript. Inspections	Feature	WEB-45630
Bug		WEB-45739	Invalid "not a constructor" inspection warning using lower-cased class names on global object even with explicit @constructor in JSDoc
Linters	Bug	WEB-45146	"Run ESLint fix on save" option is not saved in settings when Standard is chosen
Node.js	Bug	WEB-45580	Allow starting Node.js debug configuration without checking node version
	Usability	WEB-44526	Update run configuration's content according interpreter's type
Pug (ex-Jade)	Bug	WEB-13963	Jade: Indentation & Pasting does not work well
	Bug	WEB-9967	Jade paste with starting line break
	Bug	WEB-30392	Wrong indent on enter in Pug template tag in .vue file
SASS	Bug	WEB-30990	Vue.js, SASS: formatting moves sibling blocks to the right
	Bug	WEB-39103	Sass: wrong indent on Enter in embedded stylesheet
	Bug	WEB-36507	SCSS warns "Typo: In word 'transparentize'" for built-in function
	Bug	WEB-36542	Sass and SCSS have wrong breadcrumbs text for mixins
	Cosmetics	WEB-44152	Sass plugin should reference the stdlib functions with dashes
Stylus	Bug	WEB-41605	Vuejs - Stylus - Reformatting breaks multiple class selectors with newline separation
	Bug	WEB-39580	Comment multiple lines on Stylus code inside Vue component

TypeScript	Bug	WEB-45065	Extra # is added after completing #-private fields
	Bug	WEB-45285	Generic arguments completion adds invalid 'extends'
	Bug	WEB-43243	Vue support breaks when extending Mixin (TypeScript)
	Bug	WEB-44853	Improve 'Create field' intention destination element resolving
Unit Tests	Bug	WEB-45721	mocha-webpack not working in 2020.1.1
DB Console	Bug	DBE-9876	Force executing queries in read-only mode runs the wrong query
Data Views	Usability	DBE-8336	Shorten tab names in DataGrid with placement on the right/left
	Usability	DBE-9995	Accept value on UP or DOWN key if multiline (text) cell editor contains only one line
	Usability	DBE-5447	Option to show boolean value as true, false, <null> instead of a checkbox
SQL General	Usability	DBE-10865	Collapsed SQL uses wrong code style
SQL Generation	Bug	DBE-10334	Modify table action no more works from the editor
SQL Highlighting	Bug	DBE-10886	Parsing error for valid postgres plpgsql exception clause with multiple error conditions