

# PyCharm 163.5644.6 Release Notes

No subsystem	Feature	<a href="#">PY-20770</a>	Support Python 3.6 asynchronous generators and comprehensions
Code Insight	Feature	<a href="#">PY-20768</a>	Support special attributes of PEP 487: simpler customization of class creation
	Bug	<a href="#">PY-20917</a>	'Replace with str.format method call' messes up with collection calls
	Bug	<a href="#">PY-19749</a>	'Replace with str.format method call' should not add positional id
Inspections	Bug	<a href="#">PY-20752</a>	'Replace with str.format method call' messes up with tuples
	Bug	<a href="#">PY-20754</a>	Supress 'Replace with str.format method call' for bytes
	Bug	<a href="#">PY-20876</a>	'Replace with str.format method call' messes up with sets
	Bug	<a href="#">PY-20800</a>	'Replace with str.format method call' adds additional :s for repr
	Bug	<a href="#">PY-20803</a>	'Replace with str.format method call' goes wrong with * character
	Bug	<a href="#">PY-20798</a>	'Replace with str.format method call' messes up with dictionaries
	Bug	<a href="#">PY-20460</a>	typechecker false positive with slice
	Bug	<a href="#">PY-20946</a>	False positive: `__init_subclass__` method first parameter should be named "self"
Jupyter Notebook	Bug	<a href="#">PY-19610</a>	Notebook validation failed
Packaging	Bug	<a href="#">PY-20880</a>	Package requirements inspection does not support local version identifiers
Refactoring	Bug	<a href="#">PY-19748</a>	'Replace with str.format method call' should not add u
File Watchers	Bug	<a href="#">WEB-23527</a>	Babel File Watcher predefined options problems
JavaScript	Feature	<a href="#">WEB-23359</a>	Detect .babelrc or babel package and set JS version to the ECMAScript 6 for the new project
	Feature	<a href="#">WEB-23358</a>	Detect react or react-dom packages and set JS version to the React JSX for the new project
	Feature	<a href="#">WEB-23357</a>	Detect .flowconfig and set JS version to the Flow for the new project
	Bug	<a href="#">WEB-22927</a>	Flow: provide Live Template for @flow comment
	Bug	<a href="#">WEB-23020</a>	Flow: Settings: correctly detect when "Resolve..." option should become available
	Bug	<a href="#">WEB-23456</a>	JSDoc folding (first empty line)
	Bug	<a href="#">WEB-23540</a>	Flow: Project Errors need Jump to Source possibility and grouping by files
	Bug	<a href="#">WEB-23176</a>	JSDoc and destructuring: Works without type definition but not with a type
	Performance	<a href="#">WEB-23255</a>	Major editor slowness when Flow turned on
	Exception	<a href="#">WEB-23507</a>	ClassCastException When update JSDoc
JavaScript. Formatter	Bug	<a href="#">WEB-23475</a>	Optimizing imports in javascript/ES6 modules ignores inspection controls
	Bug	<a href="#">WEB-9146</a>	Embedded javascript should be indented according to Javascript settings for indent/continuation indent
JavaScript. Inspections	Bug	<a href="#">WEB-23132</a>	Missing module dependency inspection shouldn't work independently from library scope
	Bug	<a href="#">WEB-23480</a>	Convert to ES6 class: suggest only if source function has prototype assignments or this assignments, or defines static methods
	Bug	<a href="#">WEB-23464</a>	Inspections: "require() is used instead of import" put imports to the end of file when both normal and inner requires are present
	Bug	<a href="#">WEB-23205</a>	Flow: improve "Coverage errors" inspection

	Bug	WEB-23479	Intentions: "Convert to ES6 class": when defineProperties() has writable: false do not generate setter
	Bug	WEB-23210	No-variable declaring destructuring assignment not recognized as valid
	Exception	WEB-23463	Inspections: exception is thrown on attempt to process multiple comments with "Convert to let" Fix all
JavaScript. Predefs	Bug	WEB-6766	setTimeout/setInterval inspection expects fixed signature
JavaScript. Refactoring	Bug	WEB-23483	Refactor->Move does not work with Javascript functions from structure tab
	Bug	WEB-23484	ES6 convert to class: pseudo-class method definition, expressed as created object's member, should be converted to member function
TypeScript	Bug	WEB-23538	TypeScript compiler fails to compute relative output paths
	Bug	WEB-21207	TypeScript Import Optimization messes up inspection statements like "//noinspection"
	Exception	WEB-23499	TypeScript: exception is thrown on Auto-import invocation
No subsystem	Bug	RUBY-18604	Remove Docker options from Remote Interpreters configuration
CSS	Bug	IDEA-151772	Angular2 CSS not highlighted even when being used in template
Code Analysis. Inspection	Bug	IDEA-161871	Deadlock when running batch inspection and editing
Code Formatting and Code Style	Bug	IDEA-156914	Allow indent options provider to override language specific indents for data language in templates
Debugger	Bug	IDEA-130822	Special Java/Swing widget to enable/disable breakpoints does not hide when active tab changes during debugger session
	Usability	IDEA-124497	Debugger: "Resume/Pause Program" in menu "Run" is active active
	Usability	IDEA-142098	Multiple breakpoints in a single line: don't display the whole method body in toggle breakpoint drop-down
	Usability	IDEA-120087	Debugger: changed state of a breakpoint is not visible, until applied
	Cosmetics	IDEA-103215	Add automatic word wrap to conditional breakpoint expression modification popup
Diff_Merge	Bug	IDEA-161976	Resolve merge conflicts window too small on hidpi screen
Docker	Bug	IDEA-161514	Docker Deployment run configuration hangs
Editor. Editing Text	Bug	IDEA-162004	Rich copy produces wrong foreground color at the start of copied fragment
	Bug	IDEA-161410	Quick Documentation: double opening angle brackets are printed as single brackets
Editor. Error Highlighting	Bug	IDEA-161890	Kotlin unused symbol highlighting is not updated after adding/removing single usage in another file
Find, Replace, Find Usages	Bug	IDEA-161826	Find and Replace keeps previous data in Replace field but it looks cleared
	Bug	IDEA-160785	Selection in a find/replace field is broken
Java. Code Completion	Bug	IDEA-161810	Typing the letter t in a comment will trigger completion
Packaging and Installation	Bug	IDEA-157346	/usr/local/bin/idea cannot startup after idea is force killed
Terminal	Feature	IDEA-142926	Shortcuts for scrolling in terminal.
	Bug	IDEA-160742	Ctrl+Shift+F12 doesn't work in Terminal tool window.
	Bug	IDEA-120046	Built in terminal uses wrong clipboard on Ubuntu

	Bug	<a href="#">IDEA-161309</a>	Terminal view doesn't work if Fish is used as a shell
User Interface	Bug	<a href="#">IDEA-161804</a>	VCS toolwindow button blinks when project without VCS roots is opened
	Bug	<a href="#">IDEA-161886</a>	Inspection Results tool window ignores range
Version Control	Exception	<a href="#">IDEA-161905</a>	Show VCS Log and Show Local Changes actions cause NPE if Version Control toolwindow was not opened since project start
Version Control. Mercurial	Exception	<a href="#">IDEA-161831</a>	Throwable at <code>com.intellij.openapi.application.TransactionGuardImpl.assertWriteActionAllowed</code>