

AppCode 2016.3 EAP, build 163.5219.17

Code: Completion	Feature	OC-11041	Sort types in completion according to scope
	Feature	OC-11136	Complete enum case names
	Bug	OC-13920	Extra dot is inserted in Smart Completion for enum member with type specifier
	Usability	OC-12327	Completion should insert argument placeholders in pure C/C++ functions
Code: Formatting	Feature	OC-12654	Format swift chained methods.
	Feature	OC-13240	Formatter: "Wrap if long" for method parameters
	Feature	OC-11504	Swift Code Style, missing options for space after ':'
	Bug	OC-13990	'Wrap always' option for method declaration parameters is not applied while typing
	Bug	OC-14127	Swift formatter exception
	Bug	OC-14183	Formatter: support Swift 3 SE-0081 (Move where clause to end of declaration)
	Bug	OC-11445	Closures are incorrectly split into several lines
Code: Generation	Bug	OC-13868	For Live Template: next tab is selected even if chosen lookup element has call parameters
Code: Highlighting and Inspections	Feature	OC-11860	Add semantic highlighting support for Objective-C
	Bug	OC-13524	NSString can't resolve variable
Code: Parsing	Bug	OC-13836	Swift 3: Move where clause to end of declaration (SE-0081)
Code: Resolving	Bug	OC-14157	Assigning closures with incompatible `inout` parameters are not verified
Unit Testing	Feature	OC-12491	Support UI testing for iOS devices & simulators
User Interface	Usability	OC-13933	Welcome Wizard is too big for 13" display, buttons hidden behind application dock
No subsystem	Bug	CPP-7498	CLion shows incorrect error annotations for <code>_Generic_selections</code> expression
	Bug	CPP-7609	java.lang.ArithmeticException: BigInteger: modulus not positive
Code: Completion	Bug	CPP-7272	No code completion for C99 and C11 keywords
Code: Documentation	Feature	CPP-6642	Doxygen: Support <code>\tparam</code> tag
	Bug	CPP-7446	Quick Documentation fails for (not) exported functions
	Bug	CPP-7377	Doxygen: CLion generates <code>@return</code> for constructor
	Bug	CPP-7294	Doxygen: Rename of template parameter works incorrectly when EOL comment-group is splitted
	Bug	CPP-7387	Automatic Doxygen tag generation bug for functions returning macro
Code: Generation	Feature	CPP-416	virtual symbol unneeded when function marked with override symbol
Code: Highlighting and Inspections	Feature	CPP-778	Semantic per-variable highlighting for C/C++
	Bug	CPP-7113	Support related per-variable highlighting semantic in Doxygen
	Bug	CPP-4432	Incorrect evaluation of sizeof
	Bug	CPP-2307	Loop condition is not updated inside the loop (false positive)
	Bug	CPP-7265	Support <code>__builtin_unreachable</code>
	Bug	CPP-3747	Invalid 'Local variables used in loop condition are not updated in the loop'
	Bug	CPP-2377	Variable read by cin is not detected as changed

	Bug	CPP-6219	Disable equality checks in DFA for float values
	Bug	CPP-7142	False inspection "local variable is never used" when used in sizeof()
	Bug	CPP-7077	Binary shift operators on char literals evaluated incorrectly
	Bug	CPP-7638	Incorrect "Condition is always false" when a value is passed by reference.
	Bug	CPP-1077	Local variable used in loop condition is not updated in the loop in do/while loop doesn't work
	Bug	CPP-7659	DFA doesn't handle reference initializations
Code: Parsing	Feature	CPP-2394	Parse C++14 digit separator
	Bug	CPP-7495	No completion for "default" keyword inside generic selection expression
	Bug	CPP-2120	No support for <code>_Generic</code> keyword
	Bug	CPP-7551	User defined literals: Parsing error when one suffix appears on all concatenated literals
	Bug	CPP-1746	C++: 'restrict' is not a keyword.
	Bug	CPP-5838	C++14 <code>std::chrono_literals</code> not recognized
	Task	CPP-1727	Support user-defined literals
Code: Refactorings	Bug	CPP-7299	Doxygen: Rename doesn't work for constructor parameter in doxygen comment when extra line
Code: Resolving	Bug	CPP-4690	Invalid overload resolution for copy/move constructor and assignment-overload
	Bug	CPP-7185	Can't resolve enum class member declared further in the same class
Debugger	Task	CPP-7052	Generic support for project opened from symlinked directories, including remote debug and path mappings
Debugger: LLDB	Usability	CPP-7015	LLDB: Names of threads in Frames toolwindow should be more readable
CSS	Bug	IDEA-160317	SASS: Built-in fade-out function not recognized
Console	Bug	IDEA-152620	Move <code>Filter#applyFilter</code> from EDT to the pooled thread
	Bug	IDEA-145124	Console contents not visible when window is floating
	Bug	IDEA-161123	Saving console output to file produces an empty file
	Usability	IDEA-63980	Make <code>idea.cycle.buffer.size</code> configurable in IDEA GUI / IDEA settings
Diff_Merge	Feature	IDEA-64244	Enable "annotate" feature in merge window.
	Feature	IDEA-138701	Separate gutter highlighting for whitespace-only changes
	Bug	IDEA-160646	External Diff Tool: file extension is empty for files with unknown file types
	Bug	IDEA-147700	Diff view opens new window in smallest window possible only showing close, min, max buttons
	Bug	IDEA-158003	Compare Files no longer works with files in archives (jar, zip)
	Bug	IDEA-151274	Column selection mode does not work in 3-way merge
	Performance	IDEA-159879	Memory leak while looking many diffs
	Usability	IDEA-141671	Filenames used in external merge are not immediately self-documenting
	Cosmetics	IDEA-136265	Diff view: the collapsed lines markers are not visible with some look and feels
Editor. Editing Text	Feature	IDEA-158886	Live Template unable to use variable + constant as default
	Bug	IDEA-161105	Breakpoints move unexpectedly on editing
	Bug	IDEA-144876	Dragging breakpoint produces text selection

Bug	IDEA-160423	Caret#selectLineAtCaret(and others) operate on a different caret instance
Bug	IDEA-98074	Line spacing makes cursor oversized
Bug	IDEA-159399	Selection gets broken for multi clicking Alt+Shift+Middle Mouse Button
Bug	IDEA-159638	scratch buffers generate errors in undo
Bug	IDEA-157196	Regression: mouse wheel scroll doesn't work while highlighting editor text
Bug	IDEA-161293	Console Font preview - gutter is not updated on font size change
Bug	IDEA-92182	Removal of trailing whitespace on file save should treat Groovy multiline strings and property files correctly
Bug	IDEA-43257	When several JDKs are used in project modules, "Overridden in subclasses" list includes classes from every JDK
Bug	IDEA-159777	ObjectNotDisposedException on project close with opened evaluate window
Bug	IDEA-158559	Drag in annotations area starts selection
Bug	IDEA-152063	IntelliJ fails to use encoding from project settings for files containing breakpoints when project is opened
Bug	IDEA-158038	Multi-caret typing of a text where some characters are inserted automatically results to different content of the first and other lines
Bug	IDEA-106950	Incremental selection doesn't work in android logcat
Bug	IDEA-157592	Move text through drag'n'drop on line numbers doesn't work. It copies the text instead
Bug	IDEA-161056	In column mode, after pressing Shift-PageDown to efficiently extend the column to the bottom of the page, Shift-UpArrow stops working.
Bug	IDEA-159929	# in custom File templates in WebStorm are marked as errors
Bug	IDEA-159281	In .rb files when commenting with line comment Hebrew text is inverted
Bug	IDEA-140614	Find action search field doesn't respect editor's keymap for 'paste' and 'cut up to line end' actions
Bug	IDEA-158439	Newline in FoldingBuilder.getPlaceholderText is displayed differently cross-platform
Bug	IDEA-156530	Trailing whitespace being stripped only from the file which editor tab is active
Bug	IDEA-96781	Quick Documentation: after closing pinned Documentation window it doesn't open when the caret is in documentation comments
Bug	IDEA-160978	'Quick Documentation' doesn't work in modal dialogs
Bug	IDEA-159282	When commenting with line comment Hebrew text is placed on the left side of the comment
Bug	IDEA-158635	Toggling Ligatures does not update font preview
Bug	IDEA-159655	Wrong var definition in iterate list template
Performance	IDEA-157087	Issue with Xml with Ligature
Performance	IDEA-157963	Editor search leak when closing the editor
Performance	IDEA-156978	LineSet should handle typing in large lines more efficiently
Usability	IDEA-126952	Scratches should have an extension
Usability	IDEA-159092	Middle mouse double click does selection in editor
Usability	IDEA-111169	Selecting lines using tap-drag (not click) on macbook forgets last line of selection.
Usability	IDEA-158519	Property files containing RTL strings and tokens (Arabic and Hebrew) are not rendered correctly

	Usability	IDEA-159851	External documentation doesn't jump to method, only top of the file on OS X
	Usability	IDEA-152763	Javadoc attached to library made by Doclava doesn't show due to attribute difference
	Usability	IDEA-158599	Semicolon not inserted in string literals and comments
	Usability	IDEA-156758	Disable non project files writing protection, when file is opened explicitly
	Cosmetics	IDEA-161026	Quickdoc badly shows initialization of array
	Exception	IDEA-160596	Transaction assertion from daemon createPasses
	Exception	IDEA-159106	TraceableDisposable\$DisposalException at at com.intellij.openapi.util.TraceableDisposable.throwDisposalError()
	Exception	IDEA-159934	java.awt.HeadlessException is thrown while building searchable options in headless mode
	Exception	IDEA-160466	Throwable at com.intellij.openapi.editor.impl.SoftWrapModelImpl.getRegisteredSoftWraps
File System	Bug	IDEA-157840	Save Document action doesn't work during indexing
	Bug	IDEA-159022	Gradle project doesn't see the updated jar file after sibling Maven module artifact rebuilt
	Bug	IDEA-160580	When symlink target changes to another with different content but the same length, content is not reloaded
	Bug	IDEA-161568	UI Freezes after maven build ends
Find, Replace, Find Usages	Feature	IDEA-157910	Find in path should be able to search in several threads
	Feature	IDEA-156611	Find/Replace toolbar: Escape now clears the replace linedit which also clears the linedit history entry
	Bug	IDEA-140429	10s hang on changing grouping in show usages
	Bug	IDEA-159341	Replace in file: Regex for start of line matches twice on empty lines
	Bug	IDEA-161214	Find in Path: Preview editor does not abide by option "Allow placement of caret after end of line"
	Bug	IDEA-156921	Find In Path toolwindow - focus is stolen by "Preview Occurrences" editor
	Bug	IDEA-120868	Usage search "No Results" popup too small
	Bug	IDEA-112749	Find field unicode support
	Bug	IDEA-160080	Find query lost when switching between "find in path" and "replace in path" dialogs
	Bug	IDEA-104681	Regex Find always case-sensitive with non-english characters
	Bug	IDEA-113756	package usage in import resolves to the class with the same name
	Bug	IDEA-159829	when editing in find result previews the cursor jumps some number of characters after insertion
	Bug	IDEA-157351	Replace in Path: When next file is opening, code editor is blank (hangs) with "Loading" spinner
	Bug	IDEA-156850	find preview ignores app settings ("soft wraps": off, "indent guides": on)
	Bug	IDEA-120891	PhpStorm stuck after trying to cancel find in path
	Bug	IDEA-157575	Unexpected Cursor Behavior in Search
	Bug	IDEA-160975	Find Usages does not search in library sources when there are several JDKs in the project
	Bug	IDEA-160192	Seach and replace inconsistency started from Seach dialog
	Bug	IDEA-146150	Page up/down in preview mode of find in path

	Bug	IDEA-158241	Find Usages fails to find usages
	Bug	IDEA-150931	Find in Path dialog: Preview tab doesn't show file path anywhere.
	Performance	IDEA-158028	PropertyReferenceBase#isReferenceTo could check that "element" is a property before resolving
	Usability	IDEA-73115	"Show Usages" action should be more smart and detect on which usage it's invoked
	Usability	IDEA-87037	Usability: Find in Path -- NOT in Whole project
	Usability	IDEA-61493	Find Usages: Separate "Use soft wraps" option for the preview panel
	Exception	IDEA-149100	Crash with ConcurrentModificationException
HTML	Bug	IDEA-157251	Wrong autocomplete for opening tags
Indices	Bug	IDEA-159135	"Nested different indices processing may cause deadlock" ErrorMessage
	Bug	IDEA-160928	Unable to open Java file in node_modules
	Bug	IDEA-161307	ShutDownTracker#ensureStopperThreadsFinished deadlock
	Bug	IDEA-156411	UI lockup on updating indices
	Bug	IDEA-158330	Illegal Generic Signature in class file causes OutOfMemoryError
	Bug	IDEA-156849	Modal indexing
	Performance	IDEA-158106	FileContentQueue leaked after indexing and closing all projects
JavaScript	Performance	IDEA-158107	JsonSchemaFileTypeManager leaks project after closing
Packaging and Installation	Bug	IDEA-160738	Update and restart fails after patch is applied with "Patch update is not supported"
	Bug	IDEA-156741	Standalone version of external make fails to build project if runned with Java 9
	Bug	IDEA-120713	updater.jar makes incorrect patches on Linux
	Bug	IDEA-161223	Patch is not applied (Linux, macOS)
	Bug	IDEA-157589	Can't start idea: tools.jar not found
	Bug	IDEA-159134	JARs required for osmorc plugin are missing from standalone JPS distribution
	Bug	IDEA-158516	idea.bat is using %BITS% for USER_JDK_FILE before it's initialized
	Bug	IDEA-156503	Can't update PhpStorm
	Bug	IDEA-151793	IDEA failed to restart after plugins activation
	Bug	IDEA-161265	Cannot start IDEA using ./idea.sh command from bin directory under Linux
	Bug	IDEA-157339	162.188.8 doesn't find JVM, won't launch
	Bug	IDEA-159702	A typo in Linux install instruction
	Bug	IDEA-161183	Update and Restart still fails in the latest EAP
	Bug	IDEA-157601	Can't start idea: no JDK found
	Bug	IDEA-155904	On Linux Mint (Ubuntu), the updater does not update the version, but also throws no exceptions
	Bug	IDEA-160933	IntelliJ community build broken - Could not find matching constructor for: org.jetbrains.intellij.build.IdeaCommunityBuilder
	Bug	IDEA-161180	Installation update: "background task running" dialog; patch is not applied if restart is postponed
	Usability	IDEA-160700	Allow users to update via patch even if restarting isn't supported
	Usability	IDEA-161386	Disable warnings in terminal

	Task	IDEA-161255	Update Community edition icons
	Exception	IDEA-159824	Restart failed with exception
	Exception	IDEA-161186	Cannot update EAP (from 163.3983.4 to 163.4396.1): IOException "Restart is not supported."
Settings Repository	Bug	IDEA-159397	Error while uploading settings to repository
	Bug	IDEA-141891	Custom keymaps not getting cloned/merged
	Bug	IDEA-160367	Settings Repository: login dialog should get focus when appears
	Bug	IDEA-160565	Do not accept your login and password by Atlassian for bitbucket.org
Task Management	Bug	IDEA-130279	sporadically missing actions/buttons in "Time Tracking" tool window
	Bug	IDEA-160379	"Share URL" functionality of task repositories has stopped working
	Bug	IDEA-136797	GitHub integration ignores 'no proxy for' setting
	Usability	IDEA-146465	Task management: "Update issue state" is On by default and selected state is not current
Terminal	Bug	IDEA-114126	terminal tab launches a login shell
User Interface	Feature	IDEA-117223	Custom background image/colour for each project
	Feature	IDEA-119826	Do not require confirmation each time I open an IPR file
	Feature	IDEA-160391	Add "copy relative path" or make "copy path" configureable
	Bug	IDEA-156195	Improve ImageComponent quality and performance
	Bug	IDEA-161519	java.lang.IllegalStateException: The DialogWrapper can only be used in event dispatch thread.
	Bug	IDEA-156745	Control mouse wheel shortcut works together with scrolling
	Bug	IDEA-159426	Mac Native File Chooser allows to select a file, but not a home directory
	Bug	IDEA-144699	"Annotate" action from action popup does not redraw toggle when processed
	Bug	IDEA-161665	LayeredIcon offsets are not scaled on hidpi
	Bug	IDEA-157041	New notifications: link click area not working
	Bug	IDEA-157049	Show quickdoc on mouseover is not working when there is some additional notification
	Bug	IDEA-157553	Welcome Screen: attempt to observe events produce no viewable results
	Bug	IDEA-157555	Modal dialogs are shown twice
	Bug	IDEA-158831	Font in SQL query results are horrible
	Bug	IDEA-152741	Horizontal scrolling is too aggressive in "wide" files
	Bug	IDEA-158717	Notification link cannot be clicked
	Bug	IDEA-159947	Mac Native File Chooser: selection validation sheet messages appear from main IDEA window in cases when they should appear from dialogs
	Bug	IDEA-157050	Disable quick doc for javadoc block tags
	Bug	IDEA-161504	HiDPI Linux: Plugins repository: wrong icon rendering
	Bug	IDEA-157790	Background image: Java Enterprise toolwindow still has some tabs empty
Bug	IDEA-159671	Mac Native File Chooser: after opening file chooser from main IDEA frame, Main Menu become inactive	
Bug	IDEA-138256	High DPI monitor issue: New repository location dialog for SVN is cut off	
Bug	IDEA-156648	Tree view is compacted in 2016.2 EAP	

Bug	IDEA-158653	Stdout horizontal scrollbar integer overflow
Bug	IDEA-156312	The window title for downloading plugins should be a system state, not a user prompt.
Bug	IDEA-158318	File selector in 'Version Control' -> 'History' doesn't work if window was hidden
Bug	IDEA-159856	Colors & Fonts > Import button is present in IDEA-based IDEs and does nothing
Bug	IDEA-157342	Gutter margin's width is not reduced after zoom out
Bug	IDEA-159621	MacPathChooserDialog does not find proper owner if IdeFrame.Child is the active window
Bug	IDEA-154724	Code lens (Scroll Preview) is buggy if there are no ToolWindow on the left edge
Bug	IDEA-157597	Background image: when nothing is selected in the LocalChanges, the PreviewDiff pane doesn't get applied background
Bug	IDEA-158040	Recent Files: include current file when one starts to type a filter
Bug	IDEA-157035	Editor in separate window does not adopt background image
Bug	IDEA-148877	Ctrl + Button3 not captured
Bug	IDEA-145568	Import Project non-native file chooser on MacOS
Bug	IDEA-148656	Should not add .txt extension to a file without extension after copying
Bug	IDEA-159886	Switch IDE Boot JDK dialog: selecting a JDK with file chooser adds a new value to Boot JDK combobox, but doesn't set the selected value
Bug	IDEA-160800	Decompiler progress shown under AWT lock leads to deadlock
Bug	IDEA-158913	Quick definition popup does not have focus
Bug	IDEA-161330	Scheme drop-down becomes empty on deleting
Bug	IDEA-157311	Custom font line spacing won't go under 1.2
Bug	IDEA-161524	HiDPI Linux: Project Settings - Module - Dependencies - columns are too small
Bug	IDEA-141952	Reopen Project (ListPopup) does not show the first underscore
Bug	IDEA-158759	'Run' toolwindow in 'Windowed mode' isn't activated when a new run configuration is started
Bug	IDEA-159508	Mac native dialogs: problems when opening native file chooser with some IDEA dialogs opened at the same time
Bug	IDEA-159500	Mac Native File Chooser appears from wrong parent window in some cases
Bug	IDEA-160588	Transaction assertion from Swing lightweight request processing
Bug	IDEA-150336	Preview 'Find in Path' effect of enter not intuitive
Bug	IDEA-151422	Copy doesn't work in inspections settings
Bug	IDEA-145132	Esc while editing push target closes the push dialog
Bug	IDEA-156959	Scrollbar in Log is not visible when scrolling
Bug	IDEA-159498	horizontal scrollbar disappearing or not shown in editor
Bug	IDEA-159556	Editing live templates enables "use static import if possible" option for all java templates
Bug	IDEA-130506	Hotkey for Scroll from source
Bug	IDEA-158014	Incorrect scrolling in editor text field of small height
Bug	IDEA-157591	Background image: ApplicationServers toolwindow doesn't get the applied background

	Performance	IDEA-156869	HintManagerImpl#myLastEditor leaks project
	Performance	IDEA-156871	Project leaked via BalloonLayout
	Performance	IDEA-154560	Find Action should populate the results in background
	Usability	IDEA-93637	Hide cursor while typing
	Usability	IDEA-159895	Scrolling in options of 'Unused declaration' inspection is unusual slow
	Usability	IDEA-157246	Background image: improve UX of removing the background
	Usability	IDEA-156388	inspections toolwindow: exclude doesn't restore selection
	Usability	IDEA-102869	Automatically create a copy of default scheme for chaging
	Usability	IDEA-25635	Change display behavior during background indexing: disable/remove content of tool windows instead of hiding windows
	Cosmetics	IDEA-158749	Background image not shown if no editor window is open & in Maven diagram
	Cosmetics	IDEA-158541	Changed font in plugins dialog
	Cosmetics	IDEA-157466	Background Image: some toolwindows don't get the set background when the tab displays 'nothing selected'
	Task	IDEA-160777	Incorrect background in lists with new scrollbars
	Exception	IDEA-159878	Mac Native File Chooser: AE at SwitchBootJdkAction\$SwitchBootJdkDialog\$2\$1.validateSelectedFiles
	Exception	IDEA-161318	"Write access is allowed from write-safe contexts only" when quickly switching pin mode of QuickDoc
	Exception	IDEA-159369	Mac Native File Chooser doesn't open on pressing Browse [...] button; IAE at MacPathChooserDialog.findOwnerByComponent
Version Control	Feature	IDEA-68200	New feature: binary patches (changeset context menu)
	Feature	IDEA-157911	Drag'n drop to shelve
	Feature	IDEA-156250	Show files scope background color in the commit dialog
	Bug	IDEA-160488	Memory leak detected: 'com.intellij.openapi.vcs.history.FileHistoryPanelImpl
	Bug	IDEA-127833	Non-project file writing access could be bypassed by some VCS actions
	Bug	IDEA-90228	Binary files should be included into patches creates by IDEA
	Bug	IDEA-160135	Patch application failed
	Bug	IDEA-160353	Deadlock on applying patch using drag-n-drop
	Bug	IDEA-154192	Unshelve Changes behaviour
	Bug	IDEA-153272	Files are lost during the movement of unversioned files to overwrite existing files with same names
	Bug	IDEA-161662	VersionControl toolwindow should not be available for project with no VCS enabled
	Bug	IDEA-157336	IntelliJ Locks on "Shelve Changes" at the "Synchronizing files..." step
	Bug	IDEA-160151	Version Control: deleting files in Unversioned files dialog spawns separate background process for each file
	Bug	IDEA-153943	Cannot checkout a project from GitHub on Idea start screen
	Bug	IDEA-158554	Unversioned file is moved to wrong change list
	Bug	IDEA-161753	Adding VCS root to a project which didn't have any doesn't make the VCS toolwindow to appear
	Bug	IDEA-161752	VCS toolwindow is not available if the project has <Project> mapping

	Bug	IDEA-157159	Update Github icon in retina quality
	Bug	IDEA-112589	Unexpected clipboard content after Ctrl+C on shelf's files list
	Bug	IDEA-158750	"Apply Patch" adds spurious newline at the end of file
	Bug	IDEA-158157	Vcs Log: some nodes in tree are not selectable during speedsearch
	Performance	IDEA-145318	IDEA becomes slow with many files in the Local Changes
	Performance	IDEA-158252	IDE completely freezed after indices failure
	Performance	IDEA-149091	Editing is slow because of Local Changes view UI refresh
	Performance	IDEA-156615	Changes view painting takes significant time when an expanded changelist contains 22K files
	Performance	IDEA-160152	Version Control: removing files from Unversioned Files dialog takes 3 times slower than removing them in Project View
	Usability	IDEA-102021	Shelved changes disappear
	Usability	IDEA-150818	It's hard to move changes to existing changelist using keyboard
	Usability	IDEA-158645	Excluded directories are scanned for VCS roots
	Usability	IDEA-149027	Not able to clone Repository into existing empty folder
	Usability	IDEA-80668	Move changes to Active Changelist - usability
	Usability	IDEA-68645	When I create a patch, binary files should not be shown in the tree, since they could not be included in the path anyway.
	Usability	IDEA-141802	Git Show history blinks in case of refresh or close/open tab
	Usability	IDEA-153163	unshelve dialog: no radio buttons please
	Usability	IDEA-146640	If Commit dialog is invoked when index is not built yet it suggests to wait to make code analysis available forever
	Usability	IDEA-155714	Clone Repository - User has a Hard Stop if Directory exists, even after deleting Directory
	Usability	IDEA-159844	delete of unversioned files blocks everything and cannot be cancelled
	Cosmetics	IDEA-155713	Error message refers to a "Directory" and "Path" in the same context.
	Cosmetics	IDEA-156342	Commit popup: inconsistent triangle usage (browser vs Details)
	Cosmetics	IDEA-158896	Move Changes to Active Changelist window does not have a vertical scrollbar
	Cosmetics	IDEA-159931	No mnemonics for Encoding combo in Create patch dialog
Version Control. Git	Feature	IDEA-87099	Provide ability to add remote repositories to local git repository
	Feature	IDEA-128727	Git log: provide "Undo Commit" action to the head commits of the log which would perform git reset --soft HEAD~n
	Feature	IDEA-76454	Ability to change URL of git repository
	Feature	IDEA-60389	Need GUI to configure remote repository and branch
	Feature	IDEA-65721	Git sign-off
	Feature	IDEA-130541	Offer to delete remote branch when deleted a local branch which tracks a remote one
	Bug	IDEA-152968	Git. IDEA silently removes newlines in commit message in file history
	Bug	IDEA-159580	GIT project update hangs
	Bug	IDEA-161352	Link in detached HEAD warning is unclickable
	Bug	IDEA-105128	Git pull dialog message for upstream branch recommends deprecated feature

	Bug	IDEA-135207	Github: login failure while trying to use token authentication with http proxy enabled
	Bug	IDEA-148275	Git amend returns an error if there is repository with no commits
	Bug	IDEA-159948	Git: can't pull branch with name too long
	Bug	IDEA-159283	Unversioned files dialog is not refreshed after changes made from this dialog
	Bug	IDEA-161332	Description of "Checkout with Rebase" action is misleading
	Bug	IDEA-160606	"undo commit" action incorrectly revert addition under vcs
	Bug	IDEA-146022	Amend commit: Couldn't load commit message of the commit to amend if there are both Git and Mercurial repositories in the project
	Usability	IDEA-160000	Keep second line empty in commit messages on git cherry-pick
	Usability	IDEA-86712	Error message not descriptive "Repository test has failed"
	Usability	IDEA-153297	Allow to force delete Git branch without collecting the list of unmerged commits
	Usability	IDEA-118140	Don't add renamed or moved files to git index unless configured to do so
	Usability	IDEA-135612	Git clone dialog: "The parent path must exist" should be a warning
	Usability	IDEA-135353	Github: GenerateToken action should be available in login dialog
	Usability	IDEA-151728	Provide confirmation for git branch delete operation
Version Control. Log	Feature	IDEA-86855	Git Log: provide "Create Mail" functionality
	Bug	IDEA-159468	NPE in VCS Log renderer leads to UI corruption
	Bug	IDEA-158666	Cannot copy text from Details of Git "Show History"
	Bug	IDEA-157907	user filter shows no changes after scrolling down
	Usability	IDEA-159965	Author email information is missing from GIT commit details
Version Control. Mercurial	Bug	IDEA-158778	Switching Tasks fails to switch branch
	Bug	IDEA-159828	Mercurial: entered password is not saved between idea sessions despite the settings
	Bug	IDEA-159546	Problem with pull\push operation on hg
	Bug	IDEA-157578	Mercurial Commit and Close (spelling error)
	Bug	IDEA-157085	Mercurial: change even one line forces to mark all content fo file as new, until force refresh in "Version Control" tab
	Exception	IDEA-159729	CME at java.util.HashMap\$HashIterator.nextNode
	Exception	IDEA-159723	SOE on UpdateProject invocation
Version Control. Perforce	Bug	IDEA-158329	In the editor and submit to perforce the current code is shown with highlight not to the last revision
Version Control. Subversion	Bug	IDEA-92665	Create SVN patch for a revisions containing binary files
	Bug	IDEA-160693	Active windows could be not showing
	Cosmetics	IDEA-115024	Grammar error in SVN error message