

# RubyMine 2019.1 (191.6183.108 build) Release Notes

|              |         |                            |  |
|--------------|---------|----------------------------|--|
| No subsystem | Feature | <a href="#">RUBY-23557</a> | Change profiler frames colors  |
|              | Feature | <a href="#">RUBY-8877</a>  | Iterator Methods - Automatically complete {}.                          |
|              | Bug     | <a href="#">RUBY-23695</a> | Make Chef plugin automatic deployable                                  |
|              | Bug     | <a href="#">RUBY-21929</a> | Improve default gems handling  |
|              | Bug     | <a href="#">RUBY-23491</a> | Fix RubyGemExecutionContext as a holder in CV closure                  |
|              | Task    | <a href="#">RUBY-21189</a> | Rewrite `RubyPsiUtilBase#getElementText`                               |
| Code Insight | Feature | <a href="#">RUBY-23401</a> | Factory Bot - support paramdefs for defining associations inside fact  |
|              | Feature | <a href="#">RUBY-23400</a> | Factory Bot - support inheritance by nesting                           |
|              | Feature | <a href="#">RUBY-23232</a> | Factory Bot - add parameter suggestions when creating factories        |
|              | Feature | <a href="#">RUBY-23233</a> | Factory Bot - add types when using factory creation methods            |
|              | Feature | <a href="#">RUBY-23379</a> | FactoryBot - provide partial definition line markers for factories     |
|              | Feature | <a href="#">RUBY-16165</a> | caller hierarchy (tree) for methods                                    |
|              | Feature | <a href="#">RUBY-23306</a> | Factory Bot - support factory aliases                                  |
|              | Feature | <a href="#">RUBY-23235</a> | Factory Bot - ensure find usages works for factories, sequences and    |
|              | Feature | <a href="#">RUBY-22947</a> | String Constant Inference + Dynamic Method Inference                   |
|              | Feature | <a href="#">RUBY-22276</a> | YARD comments for instance variables                                   |
|              | Feature | <a href="#">RUBY-23228</a> | Factory Bot - support jumping from a factory usage to it's definition  |
|              | Feature | <a href="#">RUBY-23229</a> | Factory Bot - reuse code and add support for Factory Girl              |
|              | Feature | <a href="#">RUBY-22876</a> | Nil analysis doesn't process ternary operator                          |
|              | Bug     | <a href="#">RUBY-23472</a> | Find usages for global variable miss assignments                       |
|              | Bug     | <a href="#">RUBY-23564</a> | There is no validation for string when create methods from string co   |
|              | Bug     | <a href="#">RUBY-23545</a> | Wrong inferred return type of empty-body method                        |
|              | Bug     | <a href="#">RUBY-23279</a> | Exception raised on type inference of not completed ternary express    |
|              | Bug     | <a href="#">RUBY-23254</a> | Allow multiple YARD directives to be declared in a row via comments    |
|              | Bug     | <a href="#">RUBY-22297</a> | Unused variable inspection. False Positive. Declaration before Retry   |
|              | Bug     | <a href="#">RUBY-23248</a> | RDoc Lexer has $O(N^2)$ complexity which suddenly leads to RubyMir     |
|              | Bug     | <a href="#">RUBY-23436</a> | Factory Bot - getByFirstRArgument in partial declaration line marker   |
|              | Bug     | <a href="#">RUBY-23295</a> | In case of many assignments variables are not connected by single €    |
|              | Bug     | <a href="#">RUBY-23449</a> | Factory Bot - don't suggest "self" in param defs for parent factory su |
|              | Bug     | <a href="#">RUBY-23740</a> | Fix with_options block parameter type                                  |
|              | Bug     | <a href="#">RUBY-23533</a> | Show Choose Declaration Dialog for fields and attribute accessors      |
|              | Bug     | <a href="#">RUBY-23565</a> | Typing separator in array of strings may cause exception               |
|              | Bug     | <a href="#">RUBY-23515</a> | Factory Bot - recognise methods in spec files                          |
|              | Bug     | <a href="#">RUBY-23451</a> | Factory Bot - in related symbols, we should show the original factory  |
|              | Bug     | <a href="#">RUBY-22286</a> | No type inference for if statements                                    |

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|             | Bug         | RUBY-23448 | Factory Bot - don't show a warning on factory name as "unresolvable parent specified" |
|             | Bug         | RUBY-21142 | Usages Read/Write access does not work for fields                                     |
|             | Bug         | RUBY-23683 | No dynamic method resolve for symbols with expression substitutor                     |
|             | Bug         | RUBY-23460 | Factory Bot - include type information in paramdef completion popup                   |
|             | Bug         | RUBY-17790 | Type is not inferred for instance variables with attr_readers                         |
|             | Bug         | RUBY-23530 | Call hierarchy in ruby injections in erb doesn't show titles of callers               |
|             | Bug         | RUBY-23274 | RUBY: I18nKeyNamesValidator is too restrictive for YAML keys                          |
|             | Performance | RUBY-23246 | Indexing time is increased  |
|             | Usability   | RUBY-23457 | Factory Bot - tidy up find usages classifications based on where they                 |
|             | Task        | RUBY-22972 | Rewrite ControlFlow in order to have some invariants                                  |
|             | Task        | RUBY-23518 | Factory Bot - check correct behaviour of nested factories with class/                 |
|             | Task        | RUBY-23519 | Factory Bot - check expected behaviour when sequences/traits are d                    |
|             | Exception   | RUBY-23546 | Find usages of factories/traits/sequences throws exception                            |
| Cucumber    | Bug         | RUBY-23202 | Find usages doesn't work from step definitions  |
| Debugger    | Feature     | RUBY-21038 | Allow to use pre-load server while debugging tests                                    |
|             | Cosmetics   | RUBY-23635 | Empty line is added before code after patching Spring config                          |
| Docker      | Bug         | RUBY-23582 | Docker exec mode on Windows doesn't work  |
| Editing     | Feature     | RUBY-20704 | Make continuous auto indent with hashtag on comment blocks config                     |
|             | Feature     | RUBY-23030 | Provide "File" as an option in new "Ruby Class"                                       |
|             | Feature     | RUBY-16190 | Show method in isolation (focus mode)   |
|             | Bug         | RUBY-23042 | Replace Test-Spec template with a Minitest template                                   |
|             | Bug         | RUBY-23203 | Move Caret to Matching Brace doesn't work for do/end blocks                           |
| IDE         | Feature     | RUBY-23435 | Factory Bot - add icons to completion and other locations                             |
|             | Feature     | RUBY-23468 | Refactor This... -> Create method should infer arguments                              |
|             | Feature     | RUBY-13000 | Add model factory to related files  |
|             | Bug         | RUBY-23478 | Unable to run bundle install when user shell is set to fish                           |
|             | Bug         | RUBY-23369 | ChefDK isn't saved in the list of SDKs  |
|             | Bug         | RUBY-23391 | Cannot run bundler actions with Ruby 2.6.0 on Windows                                 |
|             | Bug         | RUBY-23674 | FactoryBot - add gutter icons to settings   |
|             | Usability   | RUBY-23450 | Update Rails "Related to Symbols" dialog  |
|             | Usability   | RUBY-23445 | Rails 6.0 is provided in the list for Ruby older than 2.5 in Create New               |
| Inspections | Bug         | RUBY-23225 | No assert that value is not nil after it was colon dereferenced                       |
|             | Bug         | RUBY-23270 | Unused local variable false positive. Redo statement in For statemen                  |
|             | Bug         | RUBY-23244 | Nil dereference after nil colon method  |
|             | Bug         | RUBY-23331 | Remove unnecessary return statement leads to unnecessary local va                     |
|             | Bug         | RUBY-23479 | Block variable is not registered as used if referenced only in symbol                 |
| Markdown    | Bug         | RUBY-19897 | Duplicated JavaFX markdown preview panels   |
|             | Bug         | RUBY-22869 | Markdown formatting options shows as undefined in Undo                                |
|             | Bug         | RUBY-21555 | Markdown preview - Custom CSS is not applied  |

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| Parsing             | Bug       | RUBY-22406 | Incorrect parsing of if modifier   |
| Profiler            | Feature   | RUBY-10368 | Rbspy Profiler Support   |
|                     | Feature   | RUBY-23662 | Import profiler data   |
|                     | Bug       | RUBY-23656 | Profiler tab notifications displayed when run or debug                     |
|                     | Bug       | RUBY-23828 | Path to rbspy is not detected on Windows automatically in the Setting      |
|                     | Bug       | RUBY-23824 | Paths in process names are not soft shorted                                |
|                     | Bug       | RUBY-23680 | Ruby Profiler doesn't start on Windows                                     |
|                     | Bug       | RUBY-23697 | Profiler doesn't run with tests  |
|                     | Bug       | RUBY-23827 | Profiler custom settings are not saved after restart IDE                   |
|                     | Bug       | RUBY-23668 | Profiler cannot be stop from Performance Profiler tab                      |
|                     | Bug       | RUBY-23779 | Escape angle brackets in profiler's flamegraph frame hover                 |
|                     | Bug       | RUBY-23651 | Profiler cannot be run without sudo on macOS                               |
|                     | Usability | RUBY-23660 | Ellipsis makes it difficult to analyse the results in Flame graph          |
|                     | Usability | RUBY-23833 | 'Attach profiler to process' action is available when no Profiler run co   |
|                     | Usability | RUBY-23825 | No data is available to generate report is shown on Windows                |
|                     | Cosmetics | RUBY-23654 | Tooltip on the profiler icon shows underscore in the name as doublec       |
| RHTML               | Bug       | RUBY-23187 | Reformatting adds an extra space before %> bracket in case there's         |
|                     | Bug       | RUBY-21386 | Smart remove of paired quotes  |
| Rails               | Feature   | RUBY-21264 | Exclude webpack output directories from indexing when using webpa          |
|                     | Feature   | RUBY-5014  | Factory_Girl gem code insight support                                      |
|                     | Bug       | RUBY-22726 | Rename rails association from Structure view doesn't provide class r       |
|                     | Bug       | RUBY-21443 | Ability to create views for Rails API projects                             |
|                     | Bug       | RUBY-23044 | Add support for query field methods for all fields in Rails models, not    |
|                     | Bug       | RUBY-23474 | Cannot add new locale with translation in Create Property dialog           |
|                     | Task      | RUBY-22785 | Investigate possible speedups in rails tests by skipping tests with mi     |
| Rails. Code Insight | Feature   | RUBY-22333 | I18n add support for default option  |
|                     | Feature   | RUBY-23148 | Polymorphic associations - resolve source parameter                        |
|                     | Feature   | RUBY-23143 | Polymorphic associations support for source_type param                     |
|                     | Feature   | RUBY-23231 | Factory Bot - add support for Rails-specific attributes & associations     |
|                     | Bug       | RUBY-23146 | Polymorphic associations - use source_type to filter resolves if prese     |
|                     | Bug       | RUBY-16945 | go to declaration for (render 'partial.js') can't resolve "_partial.js.ert |
|                     | Bug       | RUBY-23050 | Support table_name_prefix in parent modules                                |
|                     | Bug       | RUBY-23463 | Fields 'title' and 'name' from factories are resolved into Capybara co     |
|                     | Bug       | RUBY-23554 | Completion contains running items  |
|                     | Bug       | RUBY-23144 | Polymorphic associations - don't offer class names in `through` argu       |
|                     | Bug       | RUBY-22190 | Allow _url and _path autocomplete inside of controllers and in Rails ,     |
|                     | Bug       | RUBY-23046 | Offer model fields when performing text based resolution                   |
|                     | Bug       | RUBY-23145 | Polymorphic associations - resolve as: arguments to associations           |
| Rails. Diagrams     | Bug       | RUBY-18898 | Controller fields displayed twice in the Ruby class diagram                |

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| Rails. Paramdefs      | Bug       | RUBY-22967  | Update Bundler paramdef provider to include x64_mingw as a platfo                          |
| Rails. Project View   | Feature   | RUBY-23067  | Rails Project View - create a "concepts" top level folder                                  |
|                       | Bug       | RUBY-23034  | Rails Project View - create a "jobs" top level folder                                      |
|                       | Bug       | RUBY-23036  | Rails Project View - include "app/lib" in the Lib top-level folder                         |
| Refactorings          | Bug       | RUBY-23285  | Refactor / Inline doesn't recognize usages in blocks                                       |
|                       | Bug       | RUBY-23110  | Extract field: strange name suggestions  |
| Remote Interpreters   | Bug       | RUBY-23574  | No gems are shown and cannot install bundler for WLinux Ruby SDK                           |
|                       | Bug       | RUBY-23605  | WSL sdk gems from Ubuntu 1804 are not visible in RM  |
|                       | Bug       | RUBY-23338  | Adding remote sdk dialog is looped   |
| Ruby Version Managers | Feature   | RUBY-19217  | Recognising alternative Ruby implementation called TruffleRuby                             |
|                       | Bug       | RUBY-23456  | Error searching for RVM, despite RVM not being installed.                                  |
|                       | Bug       | RUBY-23166  | RM thinks gems in rbenv gemset aren't available even though they'r                         |
|                       | Bug       | RUBY-23584  | RM is non-responsive after rename .ruby-gemset or .rbenv-gemset f                          |
|                       | Bug       | RUBY-23936  | Deadlock in getRvmHome in 2019.1 RC1   |
|                       | Exception | RUBY-23444  | Error getting RbConfig exception and crashes on the start                                  |
|                       | Exception | RUBY-23586  | Rbenv may refresh things synchronously   |
| RubyGems              | Feature   | RUBY-21455  | Gems under local development don't appear in the "External Librarie                        |
|                       | Feature   | RUBY-16865  | bundler config for gemfile is not respected  |
|                       | Bug       | RUBY-18065  | Deadlock on startup  |
| Tests                 | Feature   | RUBY-15635  | Support for RSpec dynamic 'have_' matchers   |
|                       | Bug       | RUBY-22425  | Lines size limit cause false positive tests run  |
|                       | Cosmetics | RUBY-15628  | RSpec test template uses deprecated code   |
| YAML                  | Bug       | RUBY-23671  | << is not valid property key for Merge Key   |
|                       | Bug       | RUBY-23497  | Should handle empty values in json-schema-based YAML validation                            |
|                       | Bug       | RUBY-23470  | JSON Schemas: Validates to more than one variant   |
|                       | Bug       | RUBY-23469  | YAML plugin should show error when 'number type' is used in an arr<br>not have this issue. |
|                       | Bug       | RUBY-23616  | YAML plugin: missing 'suggestions' . JSON editor does not have this                        |
|                       | Bug       | RUBY-22583  | Icon for Show aliased sub-trees is not +   |
|                       | Bug       | RUBY-23628  | YAML schema-based code completion eats colons on tab                                       |
|                       | Bug       | RUBY-23294  | YAML: Don't input value to property if it already contains some value                      |
| No subsystem          | Feature   | IDEA-138797 | Prevent double click from maximizing tabs  |
|                       | Feature   | IDEA-111333 | Provide Sublime Text keymap  |
|                       | Feature   | IDEA-192898 | I want to provide searchable options from plugin to allow searching i<br>dialogue.         |
|                       | Feature   | IDEA-142157 | "Dump Threads" action in Run panel should open dump view                                   |
|                       | Bug       | IDEA-201667 | Soft-Wrap works incorrectly with Inlays  |
|                       | Bug       | IDEA-205817 | It's possible to open several Recent Locations popups simultaneously                       |
|                       | Bug       | IDEA-206149 | Fix com.intellij.ui.stripe.Updater#findPreviousIndex                                       |
|                       | Bug       | IDEA-205603 | Recent Location popup is not redraw after resize   |

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| Bug | <a href="#">IDEA-205847</a> | Comments from coffescript files shown as text in snippets  |
| Bug | <a href="#">IDEA-149084</a> | Spring Boot: completion in .yaml files: incorrect results on inserting p                                     |
| Bug | <a href="#">IDEA-206132</a> | 5 modules of the IntelliJ Community are missing in the master branch   |
| Bug | <a href="#">IDEA-206726</a> | Test icon doesn't appear after test completion   |
| Bug | <a href="#">IDEA-202994</a> | DiffUserDataKeys.GO_TO_SOURCE_DISABLE property is ignored in (   |
| Bug | <a href="#">IDEA-203310</a> | Memory leak detected VirtualFilePointerManagerImpl, ConsoleViewIr  |
| Bug | <a href="#">IDEA-200366</a> | No way to configure Run Configuration Templates for a new projects   |
| Bug | <a href="#">IDEA-207318</a> | mac.touchbar exception in 2019.1 EAP   |
| Bug | <a href="#">IDEA-73793</a>  | PyCharm will freeze when opening certain files and switching to anot   |
| Bug | <a href="#">IDEA-202296</a> | EditorConfig-related actions in the status bar: on the first attempt or                                      |
| Bug | <a href="#">IDEA-205818</a> | Switching between Look and feel spoils Recent locations popup  |
| Bug | <a href="#">IDEA-125327</a> | "Surround with try/catch" code generation seems to not respect fina  |
| Bug | <a href="#">IDEA-204173</a> | "Settings   Scopes" - "Expand" action doesn't work for ill-formatted :                                       |
| Bug | <a href="#">IDEA-185161</a> | ShelveChangesManager must be PersistentStateComponent  |
| Bug | <a href="#">IDEA-208060</a> | Deadlock on Rider startup  |
| Bug | <a href="#">IDEA-207848</a> | IDE crashes on startup   |
| Bug | <a href="#">IDEA-199415</a> | UIDefaults completion inside IntelliJ theme files  |
| Bug | <a href="#">IDEA-205663</a> | Recent Locations is not available in Find Action   |
| Bug | <a href="#">IDEA-204674</a> | The logs' archive file name is too generic   |
| Bug | <a href="#">IDEA-203356</a> | Junit tests should not be marked as ignored when assertion in @Afte  |
| Bug | <a href="#">IDEA-145069</a> | EditorConfig plugin doesn't handle indent_size option correctly  |
| Bug | <a href="#">IDEA-202134</a> | Wrong location of a magnifier icon in Light theme on Mac   |
| Bug | <a href="#">IDEA-201376</a> | IntelliJ IDEA 2018.2.4: Mocha 5.2.0 with Node 10.12.0 does not wor<br>test: Test Framework quit unexpectedly |
| Bug | <a href="#">IDEA-168781</a> | Mnemonics for run actions is broken in case of '_' and '&' in configur                                       |
| Bug | <a href="#">IDEA-204455</a> | Breadcrumbs: breadcrumbs still shown after turning them off  |
| Bug | <a href="#">IDEA-206008</a> | Test with Coverage doesn't report number of passed tests in tooltip  |
| Bug | <a href="#">IDEA-205658</a> | Empty lines at the end of file are shown as empty snippet  |
| Bug | <a href="#">IDEA-204044</a> | move clashes with resize in custom decorated mode  |
| Bug | <a href="#">IDEA-207782</a> | Memory leak in gradle import process   |
| Bug | <a href="#">IDEA-201820</a> | UI concurrent creation   |
| Bug | <a href="#">IDEA-206487</a> | Error:java: java.lang.IllegalArgumentException: Not supported: org.  |
| Bug | <a href="#">IDEA-205350</a> | Fold region at beginning of file causes issues   |
| Bug | <a href="#">IDEA-203108</a> | fix for RUBY-19897 fails with JFX10  |
| Bug | <a href="#">IDEA-208045</a> | Exception from `RootModelImpl` on (Cargo) project update.  |
| Bug | <a href="#">IDEA-205756</a> | contract can be simplified   |
| Bug | <a href="#">IDEA-204163</a> | Don't suggest `P` and `B` live templates in all Kotlin contexts  |
| Bug | <a href="#">IDEA-201003</a> | Huge freeze while "navigate to test data"  |
| Bug | <a href="#">IDEA-204946</a> | File templates: File Template Variables aren't parsed in includes  |
| Bug | <a href="#">IDEA-204505</a> | Plugin Settings: Custom plugin icons are not scaled on HiDPI Linux   |

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| Bug         | <a href="#">IDEA-201532</a> | The BlockInlay loses the background of the editor's selection                               |
| Bug         | <a href="#">IDEA-206403</a> | unused declaration inspection: constructor used in code outside anal                        |
| Bug         | <a href="#">IDEA-205654</a> | Extra lines in recent location snippet  |
| Bug         | <a href="#">IDEA-203161</a> | SOE at ThreeComponentsSplitter.visibleDividersCount() on attempt 1<br>Gradle-based projects |
| Bug         | <a href="#">IDEA-206285</a> | Suggestions bubble can make it impossible to mouse click at the beg                         |
| Bug         | <a href="#">IDEA-205610</a> | Already disposed exception if close project with opened Recent locat                        |
| Bug         | <a href="#">IDEA-202381</a> | Missed splitter in navigation bar   |
| Performance | <a href="#">IDEA-200469</a> | Should we really convert code style settings into XML just for damag                        |
| Usability   | <a href="#">IDEA-201429</a> | Remove .editorconfig from the list of file templates  |
| Usability   | <a href="#">IDEA-206611</a> | Editor   General   SoftWraps  Soft-wrap file types: it is unclear how                       |
| Usability   | <a href="#">IDEA-205681</a> | Recent location list size should be configurable in Settings                                |
| Usability   | <a href="#">IDEA-205605</a> | Long code samples shows scroll bars   |
| Usability   | <a href="#">IDEA-205653</a> | There is no ability to clear Recent Location history from popup                             |
| Usability   | <a href="#">IDEA-155709</a> | IDE Fatal Errors dialog could show the installed plugin version when                        |
| Usability   | <a href="#">IDEA-204836</a> | Nested class/method navigation breadcrumb trail off by one                                  |
| Usability   | <a href="#">IDEA-161842</a> | Key Mapping: Ctrl-Y not assigned to "Redo" is problematic                                   |
| Usability   | <a href="#">IDEA-202024</a> | Rename "View / Expression Type" to "View / Type"  |
| Usability   | <a href="#">IDEA-78518</a>  | Method Inheritance Hierarchy should allow to narrow by search scop                          |
| Usability   | <a href="#">IDEA-201792</a> | Ability to edit Run Configuration Templates when a project is openec                        |
| Usability   | <a href="#">IDEA-204836</a> | Nested class/method navigation breadcrumb trail off by one                                  |
| Cosmetics   | <a href="#">IDEA-205841</a> | Right border is not redraw if resize Recent location popup                                  |
| Cosmetics   | <a href="#">IDEA-168874</a> | New 'Find in Path' dialog hard to read  |
| Cosmetics   | <a href="#">IDEA-204514</a> | Some spaces between file names in logs would be really nice                                 |
| Cosmetics   | <a href="#">IDEA-201465</a> | Improve display for long string in Ctrl+hover tooltips                                      |
| Cosmetics   | <a href="#">IDEA-203127</a> | Rename "Settings Summary" to "Collect Troubleshooting Information                           |
| Cosmetics   | <a href="#">IDEA-187402</a> | When compressing CPU profile, progress bar in status line says "corr                        |
| Cosmetics   | <a href="#">IDEA-201114</a> | Plugins: do not show "Show All" link if all plugins in the group are ali                    |
| Task        | <a href="#">IDEA-205758</a> | Hide 'Show parameter name hints on completion' in Code Completio                            |
| Task        | <a href="#">IDEA-205600</a> | [Bundled JRE 11] Get rid of MimeTypesFileTypeMap usage because it<br>JDK 11                 |
| Task        | <a href="#">IDEA-207393</a> | Update bundled trove library to prevent unnecessary rehashing                               |
| Task        | <a href="#">IDEA-205647</a> | Shortcut for Recent location  |
| Task        | <a href="#">IDEA-203680</a> | Invalidate external projects imported data on 'Invalidate Caches' act                       |
| Task        | <a href="#">IDEA-202382</a> | Update spy-js icons   |
| Exception   | <a href="#">IDEA-205608</a> | Editor is already disposed exception if navigate on recent location sa                      |
| Exception   | <a href="#">IDEA-206776</a> | in Linux on project closing Throwable occurs at com.intellij.openapi.v                      |
| Exception   | <a href="#">IDEA-202313</a> | Exception appears on Compress Logs and Show in Explorer menu ite                            |
| Exception   | <a href="#">IDEA-196008</a> | Throwable at com.intellij.openapi.roots.impl.libraries.LibraryImpl.<ir                      |
| Exception   | <a href="#">IDEA-199921</a> | com.intellij.util.Alarm - Assertion failed: Already disposed                                |

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|                             | Exception   | IDEA-202454   | PluginManager - mixer IllegalArgumentException: mixer[0..1] is 2.0  |
|                             | Exception   | IDEA-206482   | RuntimeException: java.lang.reflect.InvocationTargetException   |
|                             | Exception   | IDEA-207299   | com.intellij.openapi.extensions.impl.PicoPluginExtensionInitialization  |
| Android.Designer            | Feature     | IDEA-204927   | Please add a way to determine when the user has resized the compc   |
| Ant                         | Bug         | IDEA-202538   | Starting already built project takes a lot of time  |
| Code Analysis. Dependencies | Bug         | IDEA-203484   | Empty node is shown instead of JDK name in 'Analyze Dependencies  |
|                             | Bug         | IDEA-203520   | "Analyze This Dependency" action doesn't process usages of classes exported by the dependency                           |
| Code Analysis. Duplicates   | Feature     | IDEA-181304   | Highlight duplicated branches in 'switch-case' statement  |
|                             | Bug         | IDEA-206673   | Inspection `Duplicated code fragment` does not analyze content fol  |
|                             | Cosmetics   | IDEA-207219   | Change "Hide duplicates fix" for "Duplicated code fragment" inspecti  |
| Code Analysis. Inspection   | Feature     | IDEA-33733  | "Field can be local" quickfix should not create redundant variable  |
|                             | Bug         | IDEA-181614   | Inspection profile changes every time project is opened   |
|                             | Bug         | IDEA-202177   | Error during injected code cleanup  |
|                             | Bug         | IDEA-208033   | Go to next highlighted error is broken  |
|                             | Bug         | IDEA-205936   | Inspections View: Group by Module doesn't work for groovy files   |
|                             | Bug         | IDEA-200142   | Deadlock in Inspection tree view  |
|                             | Bug         | IDEA-204111   | Run inspection by name produces empty view  |
|                             | Bug         | IDEA-203922   | Ctrl+Alt+Up in inspection results moves to the next result, rather th   |
|                             | Bug         | IDEA-183685   | Incorrect parameter type - ParamConverterProvider   |
|                             | Bug         | IDEA-204414   | Exporting inspections results as HTML doesn't produce output  |
|                             | Bug         | IDEA-207410   | Can't choose Constant conditions and exceptions in settings   |
|                             | Bug         | IDEA-201595   | All problems in file disappear from "Inspection Results" after applyin  |
|                             | Bug         | IDEA-203538   | Cannot export results of single inspection run to XML   |
|                             | Bug         | IDEA-201236   | Import of inspection results could not parse method name when it h  |
|                             | Bug         | IDEA-206216   | Fix all for warning in the top level file doesn't work when caret is loc  |
|                             | Bug         | IDEA-86833  | web.xml inspection for assignable to javax.servlet.Servlet is wrong   |
|                             | Performance | IDEA-204287   | LocalInspectionTool.isValidID should precompile regular expression  |
|                             | Performance | IDEA-207013   | Uast: Evaluator hangs uninterruptible analysing some loops  |
|                             | Usability   | IDEA-204733   | Troubles massively apply fix to all found warnings  |
|                             | Usability   | IDEA-201800   | Progress Bar Doesn't Move in Batch Suppress For Statement   |
|                             | Usability   | IDEA-204371   | Remember "Group by severity" setting in inspection results  |
|                             | Task        | IDEA-77381  | NonSerializableFieldInSerializableClass should check whether all pos: serializable                                      |
|                             | Exception   | IDEA-203498   | com.intellij.analysis.AnalysisScope\$2.visitFileEx(AnalysisScope.java: event dispatch thread or inside read-action only |
| Exception                   | IDEA-206047 | Invalid cached value assertion during offline inspections |   |
| Code Coverage               | Feature     | IDEA-196509   | Not possible to remove custom coverage suite from suite selection d   |
|                             | Bug         | IDEA-200258   | Coverage tool window: Autoscroll from Source does not work on 1st   |
|                             | Bug         | IDEA-161415   | Cannot "show tests covering line" if test class name contains _ or \$   |

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|                                | Bug       | <a href="#">IDEA-206286</a> | Run/Debug configuration - JUnit - Code coverage - when include a class added to include dialog box                       |
|                                | Bug       | <a href="#">IDEA-90722</a>  | File name too long IOException on CodeCoverage *.tr file   |
|                                | Cosmetics | <a href="#">IDEA-200520</a> | What is the meaning of a checkbox with "include/exclude" title?  |
| Code Formatting and Code Style | Feature   | <a href="#">IDEA-149529</a> | Code Style settings export options   |
|                                | Bug       | <a href="#">IDEA-189934</a> | Replace lambda with method references messes up indentation  |
|                                | Bug       | <a href="#">IDEA-203464</a> | There is not same code style in 2018.2 and 2018.3 which I have the   |
|                                | Bug       | <a href="#">IDEA-200800</a> | Configure indents action from the status bar should open JS code style   |
|                                | Bug       | <a href="#">IDEA-203775</a> | NPE on opening unified diff view when Upsource Integration plugin is   |
|                                | Bug       | <a href="#">IDEA-204458</a> | Java Formatter : close-brace in enum does not create new line  |
|                                | Bug       | <a href="#">IDEA-206778</a> | Export codestyle settings to JSON: export fails when non-default value and braces   braces placement options             |
|                                | Bug       | <a href="#">IDEA-206769</a> | Export codestyles settings to JSON: space_within_* attributes of java  |
| Code Navigation                | Feature   | <a href="#">IDEA-205404</a> | When navigating from Java stacktrace try to find the relevant position   |
|                                | Bug       | <a href="#">IDEA-205772</a> | Javadoc: multi-resolve method references without signature to all over   |
|                                | Bug       | <a href="#">IDEA-164838</a> | Open three new same windows when do "Open In New Editor Window"  |
|                                | Bug       | <a href="#">IDEA-202922</a> | Navigate   File results are not sorted by proximity  |
|                                | Bug       | <a href="#">IDEA-178367</a> | Weird 'choose implementation' popup  |
|                                | Bug       | <a href="#">IDEA-207132</a> | Recent locations popup shows 1 less snippets as in settings  |
|                                | Usability | <a href="#">IDEA-194817</a> | Show enum constant usages on mouse middle-click  |
|                                | Cosmetics | <a href="#">IDEA-207272</a> | Recent locations: icon is not shown for decompiled classes   |
| Code. Generate                 | Bug       | <a href="#">IDEA-203737</a> | Introduced method has wrong context  |
|                                | Bug       | <a href="#">IDEA-200281</a> | Generate "Delegate Methods..." action doesn't respect already implemented  |
|                                | Bug       | <a href="#">IDEA-201670</a> | Generating setter for final field  |
|                                | Bug       | <a href="#">IDEA-202062</a> | Code generation for equals will reference built-in java classes directly named user-defined classes are already in scope |
| ColdFusion                     | Bug       | <a href="#">IDEA-205139</a> | CFML: Improper closing tag auto completion with <cfset> and <cfif>   |
|                                | Bug       | <a href="#">IDEA-206225</a> | CFML: investigate duplicate conditions in CfmlQuoteHandler   |
|                                | Bug       | <a href="#">IDEA-205092</a> | CFML: Inspection Error When Writing SQL Variables with Pound Sign  |
|                                | Bug       | <a href="#">IDEA-205201</a> | ColdFusion: conflict in order of closing tags by type handler HTML with  |
| Cucumber JVM                   | Feature   | <a href="#">IDEA-201317</a> | Update Cucumber Formatter Plugin to Support ConcurrentEvents in IntelliJ   |
|                                | Bug       | <a href="#">IDEA-189140</a> | Syntax highlighting of step variables in Cucumber features does not  |
|                                | Bug       | <a href="#">IDEA-205969</a> | Broken Layout in Dialog "Create new step definition file" on UHD 4k  |
|                                | Bug       | <a href="#">IDEA-142408</a> | Show difference link is not always shown   |
|                                | Bug       | <a href="#">IDEA-205590</a> | Executing Cucumber step for which WebElement in POP hasn't been in "Run:" window   |
|                                | Bug       | <a href="#">IDEA-171313</a> | Cucumber: Regex not abiding by anchors ^ or \$   |
|                                | Bug       | <a href="#">IDEA-205598</a> | 191 IDEA could not find Cucumber step definitions  |
|                                | Bug       | <a href="#">IDEA-142407</a> | Generating Cucumber step definition using JVM Cucumber plugin does not generated regex                                   |
|                                | Bug       | <a href="#">IDEA-171766</a> | Cucumber-java plugin does not support java8 step definitions with d  |



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|           | Bug         | IDEA-203555                          | Cucumber sentences does not evaluate {n} regular expressions   |
|           | Performance | IDEA-187983                          | Long code analysis - Cucumber with java8   |
|           | Usability   | IDEA-206258                          | Cucumber Autocomplete doesn't give me the ability to autocomplete operator                                       |
|           | Task        | IDEA-202545                          | Java8 step definition in languages other than English  |
| Debugger  | Feature     | IDEA-189549                          | Better display for Maps in debugger  |
|           | Feature     | IDEA-202293                          | Support synchronized statement in evaluator  |
|           | Feature     | IDEA-202292                          | Support asserts in evaluator   |
|           | Feature     | IDEA-202146                          | Support switch statement in evaluate code block  |
|           | Feature     | IDEA-201942                          | Do not use compiling evaluator for method references   |
|           | Feature     | IDEA-186962                          | Allow user defined Async annotations   |
|           | Feature     | IDEA-173619                          | Debug mode / Mouse gesture "Run to mouse pointer"  |
|           | Feature     | IDEA-124595                          | Feature to "Step Out" of the current block when debugging  |
|           | Bug         | IDEA-206755                          | Hovering over line numbers in editor during debug make lines highlight   |
|           | Bug         | IDEA-202459                          | Unable to evaluate virtual method ref  |
|           | Bug         | IDEA-208136                          | Can't run Tomcat run configuration in 2019.1 EAP (build 5849.21): C load AMD 64-bit .dll on a IA 32-bit platform |
|           | Bug         | IDEA-207569                          | Can't use Debug: Error occurred during initialization of VM  |
|           | Bug         | IDEA-203322                          | "Hold alt and click to evaluate expression not working" (this is a tip c   |
|           | Bug         | IDEA-203825                          | Deadlock in debugger   |
|           | Bug         | IDEA-203014                          | Target Jdk version does not match message  |
|           | Bug         | IDEA-200161                          | Exception related to debugger agent on plugin project startup  |
|           | Bug         | IDEA-202129                          | .attach_pid files in the working dir   |
|           | Bug         | IDEA-208000                          | "Target JRE version does not match project JDK version" message is 1.8.0_121                                     |
|           | Bug         | IDEA-195531                          | Debug tool window causes segmentation fault in the JVM   |
|           | Bug         | IDEA-199602                          | Stepping into String constructor with debugger makes a string that i   |
|           | Bug         | IDEA-205230                          | "View as" popup item is inactive on the first click but becomes active   |
|           | Bug         | IDEA-205407                          | Parameter is not resolved in breakpoint condition after adding @NotI   |
|           | Bug         | IDEA-204691                          | Unable to cast primitive value to Object   |
|           | Bug         | IDEA-203275                          | Cast in evaluator does not fail when is should   |
|           | Bug         | IDEA-204693                          | Argument boxing does not happen if type is not available   |
|           | Performance | IDEA-204448                          | Debug startup slowly with `debugger-agent.jar`   |
|           | Usability   | IDEA-204807                          | "Add to Watches" action shouldn't create duplicates  |
|           | Usability   | IDEA-205987                          | Preselect main thread on pause   |
|           | Usability   | IDEA-172140                          | Suspend only current thread during evaluation of breakpoint's condit   |
|           | Usability   | IDEA-205901                          | Debugger: Clicking into empty area below stack frames makes Intell   |
|           | Usability   | IDEA-200972                          | View Breakpoints: Show breakpoint icons in the tree view to distingu   |
|           | Usability   | IDEA-200637                          | Debugger pop-ups trigger OutOfMemoryError  |
|           | Usability   | IDEA-207231                          | Don't change sort order when selecting a different goroutine in debu   |
| Cosmetics | IDEA-202684 | Map Entry's value displayed not good |  |

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| Debugger. Memory View   | Bug         | IDEA-208333 | Memory Agent causes strange exceptions in program when running i               |
| Debugger. Streams       | Bug         | IDEA-199022 | Stream Trace cannot access private class or method                             |
| Decompiler              | Feature     | IDEA-174243 | Decompiler Switch-Enum Sugaring Doesn't Support Obfuscated Code                |
|                         | Bug         | IDEA-204272 | Decompiler loses generic info on varargs params                                |
|                         | Bug         | IDEA-197665 | Decompiler decompiles references to static fields inside class inforre         |
|                         | Bug         | IDEA-204310 | Decompiler adds redundant imports for lambdas                                  |
|                         | Bug         | IDEA-204223 | Decompiler doesn't add mandatory narrowing cast on integer type                |
|                         | Bug         | IDEA-208443 | Java decompiler not correctly decompiling string concatenation with            |
| Diff_Merge              | Feature     | IDEA-48213  | Compare two files action does not allow to select which file will be le (diff) |
|                         | Feature     | IDEA-197789 | Allow adding file contents to the Blank Diff Window                            |
|                         | Feature     | IDEA-199750 | 3-way merge should have a Rollback action in the changes stripe me             |
|                         | Feature     | IDEA-77478  | Diff: Add by-char comparison mode that will compare individual char            |
|                         | Bug         | IDEA-203659 | Shift+Tab in Diff editor changes line indentation style                        |
|                         | Bug         | IDEA-111268 | Tab width not respected when viewing code changes inline                       |
|                         | Usability   | IDEA-207839 | Accept left/right shortcuts are reversed                                       |
|                         | Cosmetics   | IDEA-206495 | Partial commits: Excess "Uncheck all" checkbox on Diff dialog                  |
| Docker                  | Feature     | IDEA-172715 | Docker: Provide possibility to debug code within a docker container            |
|                         | Bug         | IDEA-208100 | Docker. java.lang.AssertionError: Without manager but not disposed opened Log  |
|                         | Bug         | IDEA-208312 | Error in typehint in cap_add block in docker-compose                           |
|                         | Bug         | IDEA-202973 | Docker: RunConfiguration: "..." instead of the error about the wrong           |
|                         | Performance | IDEA-208129 | DockerDebug. Docker works slow after many "docker debug" runnin                |
| Drools                  | Performance | IDEA-203046 | IntelliJ lags when editing drl (Drools rules) files.                           |
| Editor. Code Completion | Feature     | IDEA-203280 | Groovy Script for PHP Storm Live Templates give suggested box?                 |
|                         | Bug         | IDEA-208424 | Word completion doesn't work in language-specific elements in smal             |
|                         | Bug         | IDEA-148060 | Completion doesn't work after switching window                                 |
|                         | Bug         | IDEA-207334 | Edit Postfix template dialog: custom template box is missing                   |
|                         | Bug         | IDEA-204126 | [Live templates] autocompletion is not shown for some live template            |
|                         | Bug         | IDEA-205485 | Goto Declaration doesn't work in completion autopopup with automa              |
|                         | Bug         | IDEA-199925 | Dash breaks autocompletion for live template name                              |
| Editor. Color Schemes   | Task        | IDEA-206064 | Display a warning of Rider color schemes incompatibility instead of f. scheme  |
| Editor. Editing Text    | Feature     | IDEA-204140 | Should be able to unwrap rule based switch expression                          |
|                         | Feature     | IDEA-205621 | Switch statement unwrapper   |
|                         | Feature     | IDEA-144788 | Code folding - Class description doxygen/javadoc comments: leave f             |
|                         | Feature     | IDEA-168176 | Move Caret Backward/Forward a Paragraph With Selection                         |
|                         | Feature     | IDEA-204702 | Support after-line-end inlays in editor  |

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| Feature     | IDEA-106702 | Folding comments block   |
| Feature     | IDEA-36496  | Move statement up/down handles catch blocks improperly   |
| Bug         | IDEA-201750 | Move Up/Down and Scroll works wrong with a cloned caret  |
| Bug         | IDEA-199639 | While typing TODO comment with Korean text, color scheme to the l  |
| Bug         | IDEA-205774 | Moving Up/Down doesn't work properly for Enum constants in case c  |
| Bug         | IDEA-199621 | Text selection doesn't work after triple-click   |
| Bug         | IDEA-201210 | Expanding selection within method's generic type parameter expand  |
| Bug         | IDEA-204769 | Editor: selecting "Copy" action from menu copies whole line instead  |
| Bug         | IDEA-201725 | Rich text copy / paste on high DPI screens should scale down fonts   |
| Bug         | IDEA-203902 | Text drag'n'drop in editor is not canceled by Esc key  |
| Bug         | IDEA-205365 | Git diff view in commit dialog does not allow copying text to clipboard assigned to "Copy as Plain Text" action. |
| Bug         | IDEA-201882 | Scrolling position jumps on completion   |
| Bug         | IDEA-197843 | 'Move Statement Up/Down' for switch-case-blocks does only detect t exactly on the statement                      |
| Bug         | IDEA-205776 | Moving Up/Down down't work for Enum constant with body   |
| Bug         | IDEA-202245 | Editor ignores EditorMouseEvent consuming  |
| Bug         | IDEA-205130 | Parameters info shows the actual proper method signature as disabl   |
| Bug         | IDEA-205622 | Scope popup closes diff fragment popup   |
| Bug         | IDEA-199790 | FileEditorManagerImpl does not properly handle opening TextEditor i FileEditorProvider                           |
| Bug         | IDEA-205635 | Moving up/down enum entry declaration with empty line after declar   |
| Bug         | IDEA-136779 | In editor, alt+drag should clear the old caret.  |
| Bug         | IDEA-205802 | Repaint issues for soft-wrap marks in a diff pane  |
| Bug         | IDEA-192879 | "Move statement" skips position outside code block in Java   |
| Bug         | IDEA-204703 | Text selection significantly slows down when cursor is outside the te:   |
| Bug         | IDEA-103199 | Undo: UTF problem  |
| Bug         | IDEA-202915 | Highlighting of deleted ranges in diff window is blinking sometimes  |
| Bug         | IDEA-195293 | Strange behavior when join lines with "builder.append('...')"  |
| Bug         | IDEA-205336 | after new file is added, "last edit location" doesn't work   |
| Bug         | IDEA-175878 | Multicursor first cursor incorrect indent on tab press in injected fragr   |
| Bug         | IDEA-207951 | Ide freeze on showing parameter info   |
| Bug         | IDEA-204898 | Exception in buildFoldRegions can block loading of editor  |
| Bug         | IDEA-208537 | folding toggles are not shown for added fold regions   |
| Bug         | IDEA-205739 | Editor: Action is applied for the wrong line if invoked from menu  |
| Bug         | IDEA-201502 | Weird soft wraps behavior when working with XML content  |
| Bug         | IDEA-203201 | Cursor jumps back and sometimes random extra spaces are insertec   |
| Bug         | IDEA-203335 | Parameter info appears when not required   |
| Performance | IDEA-199690 | Terrible performance with multiple cursors in insert with multiple val   |
| Performance | IDEA-206039 | IntelliJ froze for 148 seconds after tabbing alt-tabbing away and bac  |
| Usability   | IDEA-89608  | Should be able to set editor view options like soft wraps for certain f  |

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|                            | Usability   | IDEA-203855 | Cloned carets visually off   |
|                            | Usability   | IDEA-204308 | Multiline TODO popup interferes with editing the TODO.   |
|                            | Usability   | IDEA-199375 | Parameter info (Ctrl+P) does not recognize array parameter as a var  |
|                            | Usability   | IDEA-199843 | Ctrl hovering over keyword should not show quick doc popup   |
|                            | Usability   | IDEA-200276 | Multiline TODO: line comment <-> block comment conversion break  |
|                            | Usability   | IDEA-200275 | Multiline TODO: support line Split in block comments   |
|                            | Usability   | IDEA-200630 | too eager commenting out   |
|                            | Usability   | IDEA-198213 | Double clicking on the { or } (curly brace) should select class body   |
|                            | Usability   | IDEA-185682 | Parameter info hides the code being editing at the top of a file   |
|                            | Cosmetics   | IDEA-200296 | confusing gutter folding hints for "closure" folding   |
|                            | Task        | IDEA-205639 | Gutter current line number highlighting doesn't respect conversion fr  |
| Editor. Error Highlighting | Bug         | IDEA-202625 | IDEA doesn't see library after it is copied into 'lib' folder  |
|                            | Bug         | IDEA-155186 | Daemon status icon (aka eye aka TrafficLightRenderer) isn't always   |
|                            | Bug         | IDEA-204791 | Duplicate highlights in maven  |
|                            | Performance | IDEA-207045 | 23 lines with open dots cause of hang of IDEA  |
| Editor. Intention Actions  | Bug         | IDEA-200761 | Settings: Intentions: "Before/After" sections for intention actions are  |
| External Tools             | Cosmetics   | IDEA-184889 | External Tool named with an underscore does not display properly fr  |
| File System                | Feature     | IDEA-198080 | fsnotifier fails to start from Flatpak image   |
|                            | Bug         | IDEA-188926 | `VirtualFileManager.refreshWithoutFileWatcher` can take an extrem<br>FileSystem with a large number of mapped network drives |
|                            | Performance | IDEA-202236 | UI freeze on VFS operations (I/O in PersistentFS.processEvents)  |
|                            | Exception   | IDEA-207039 | Import Database Schema + H2 datasource: select or unselect table<br>InvalidPathException: UNC path is missing sharename      |
| Find, Replace, Find Usages | Bug         | IDEA-203111 | Undo doesn't work correctly after "replace all"  |
|                            | Bug         | IDEA-168548 | find usages in file (ctrl-f7) skips some usages  |
|                            | Bug         | IDEA-202717 | Pinned "Find in Path" window closes on clicking on a result  |
|                            | Usability   | IDEA-202987 | Ability to customize a shortcut for search history   |
|                            | Usability   | IDEA-76610  | I want to be able to turn off the "Do you want to find usages of the t   |
|                            | Usability   | IDEA-170894 | "Rerun Search" should not open new tab   |
|                            | Usability   | IDEA-108477 | Preview for in-place regexp replace doesn't preview line breaks  |
|                            | Usability   | IDEA-204169 | Add "Open results in a new tab" in the Find ToolWindow   |
|                            | Exception   | IDEA-202503 | Exception occurs on opening file context menu for the first time   |
| GWT                        | Bug         | IDEA-206271 | GWT Debug broken with latest IDEA version(s)   |
|                            | Exception   | IDEA-208056 | GWT: invoking New   "GWT UiRenderer and ui.xml File" always prod   |
| HTML                       | Cosmetics   | IDEA-201570 | Questionable folding and preview of "&nbsp;" in HTML (Velocity)  |
| Hibernate                  | Bug         | IDEA-185976 | Hibernate plugin doesn't work with Kotlin "Entities"   |
| IDE Configuration          | Feature     | IDEA-107709 | StringUtils within a File Template   |
|                            | Feature     | IDEA-108609 | Cannot remap cursor keys for navigation outside the editor (popups,  |
|                            | Bug         | IDEA-201018 | Unable to submit IDE errors anonymously after enabling 2FA   |

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|                        | Bug                   | IDEA-207196 | @NotNull method com/intellij/openapi/projectRoots/impl/JavaSdkIm null                          |
|                        | Bug                   | IDEA-205643 | IDE cannot restart after disabling/enabling plugin — hangs indefinite                          |
|                        | Bug                   | IDEA-188964 | Error loading kotlin-language facet  |
|                        | Bug                   | IDEA-196437 | Plugin manager: problem with enabled/disabled plugins blocks any i                             |
|                        | Bug                   | IDEA-206792 | [jdk11] MaxJavaStackTraceDepth=-1 is outside the allowed range                                 |
|                        | Bug                   | IDEA-179784 | Idea fails to load a project when running on Java 9  |
|                        | Bug                   | IDEA-201898 | Handle plugin duplications with sync settings  |
|                        | Bug                   | IDEA-205967 | Wrong previous version directory in import setting dialog (2019.1 su                           |
|                        | Usability             | IDEA-206444 | "Edit variables" for live template shows empty expression lists for te                         |
|                        | Usability             | IDEA-195932 | Allow "Check connection" even if no proxy is selected  |
|                        | Usability             | IDEA-206954 | "Configure soft wraps" action should apply search highlight to the "S                          |
|                        | Cosmetics             | IDEA-203663 | Preferences   Editor   General   Gutter Icons: sort plugin groups alpt                         |
| Indices                | Performance           | IDEA-208533 | OutOfMemory when indexing a 2Gb project, "Out of memory" windo                                 |
|                        | Performance           | IDEA-202221 | 2 minute freeze on index query after deleting a large directory                                |
|                        | Usability             | IDEA-207075 | Better diagnosis for FileBasedIndexImpl - scheduleIndexRebuild, rea                            |
| Internal               | Task                  | IDEA-206894 | Extract UrlClassLoader and its dependencies to a separate module                               |
| Internal build scripts | Bug                   | IDEA-203509 | Cannot debug tests in nested classes   |
|                        | Task                  | IDEA-197426 | pom.xml generated for modules from IntelliJ IDEA project should ho dependencies                |
|                        | Configuration Problem | IDEA-199738 | Upgrade internal Ant to version 1.10.3 or newer (support JUnit5 Jup                            |
| JSP                    | Task                  | IDEA-206443 | Rewrite JSP validation to run inside external build process and down them                      |
| Java                   | Feature               | IDEA-204569 | Highlight `break` for switch expressions   |
|                        | Bug                   | IDEA-201223 | Type parameter isn't inferred in code completion/parameter popup,                              |
|                        | Bug                   | IDEA-205583 | Choose package dialog: a new package specified with several parent and without parent packages |
|                        | Bug                   | IDEA-204005 | Expected types should be aware of switch expressions   |
|                        | Bug                   | IDEA-203841 | Type hierarchy not complete when using test-jars   |
|                        | Bug                   | IDEA-205584 | Choose package dialog: should not apply changes on closing with Ca                             |
|                        | Bug                   | IDEA-204012 | "Surround with if" action and friends suggests to be applied for switc                         |
|                        | Bug                   | IDEA-205947 | Join lines works incorrectly if next line string literal is followed by the                    |
|                        | Usability             | IDEA-208309 | Add 'main' template as an alias to 'psvm'  |
|                        | Exception             | IDEA-205578 | IOOBE on editing the JavaDoc   |
| Java. Code Formatting  | Bug                   | IDEA-204482 | Java Code Formatting of enum uses blank Lines In declarations inste                            |
| Java. Inspections      | Feature               | IDEA-200232 | Support numeric casts in dataflow  |
|                        | Feature               | IDEA-206497 | Replace with stream: support intermediate map operations in counti                             |
|                        | Feature               | IDEA-203459 | ""default' not last case in 'switch' statement" inspection needs updat                         |
|                        | Feature               | IDEA-188305 | Algebraic conversions in conditions DFA  |
|                        | Feature               | IDEA-204698 | Report meaningless operations on empty collections   |

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| Feature | IDEA-200859 | Inspection "Java   Probable bugs   Suspicious 'Collection.toArray()' c     |
| Feature | IDEA-90060  | Class without logger Inspection enhancements                               |
| Feature | IDEA-203316 | Turn on by default "Number of placeholders does not match number           |
| Feature | IDEA-200820 | Map.keySet(key).forEach(key -> map.get(key)) can be simplified             |
| Feature | IDEA-203579 | Update "Unnecessary 'return' statement" for enhanced switch staten         |
| Feature | IDEA-204827 | When calculating `a - b`, take into account relations between `a` a        |
| Feature | IDEA-202132 | Java 12: Switch Expressions: Data flow updates                             |
| Feature | IDEA-203449 | Switch statement without default branch: provide a quick-fix               |
| Feature | IDEA-176351 | Improve non-null inspection with static flow analysis (isPresent()) and    |
| Feature | IDEA-204701 | Redundant collection operation: suggest emptyIterator()                    |
| Feature | IDEA-203985 | "Fallthrough in 'switch' statement" inspection needs update for switc      |
| Feature | IDEA-96216  | Missing "Condition always false"   |
| Feature | IDEA-202323 | Inspection 'Conditional expression with negated condition' should all      |
| Feature | IDEA-205785 | Java inspection, which detects unused value of Optional.get() metho        |
| Feature | IDEA-202419 | Missing 'array out of bounds' inspection for multidimensional array        |
| Feature | IDEA-206024 | Add a quick-fix for "Integer multiplication or shift explicitly cast to lo |
| Feature | IDEA-203974 | "Local variable used and declared in different 'switch' branches" insp     |
| Feature | IDEA-205676 | Inspection for simplifiable StringBuilder.append(CharSequence, int, i      |
| Feature | IDEA-205949 | StringBuilder can be replaced with String inspection should recogniz       |
| Feature | IDEA-205011 | DFA: limited support for shift-left  |
| Feature | IDEA-203717 | "Nested 'switch' statement" inspection could use update for new swit       |
| Feature | IDEA-194715 | Recognize assertTrue(Arrays.equals(a1, a2))                                |
| Feature | IDEA-205057 | DFA: support remainder tracking  |
| Feature | IDEA-206568 | Shift by inappropriate constant: use dataflow                              |
| Feature | IDEA-179180 | Strike deprecated annotation options                                       |
| Feature | IDEA-203462 | Update "Unnecessary 'default' for enum 'switch' statement" inspectic       |
| Feature | IDEA-195323 | Notify if array creation can be replaced with Enum#values()                |
| Feature | IDEA-200908 | Suspicious 'Collection.toArray()' call: support new Java 11 Collection     |
| Feature | IDEA-203878 | Auto(un)boxing inspection needs update for switch expressions              |
| Feature | IDEA-193906 | Java intention: Switch - Add default case with IllegalStateException       |
| Feature | IDEA-200879 | Intermediate Stream::collect could be reported when result of expre        |
| Feature | IDEA-205726 | DFA: Inline Collection/Map.clear() method                                  |
| Feature | IDEA-205213 | Inspect Code, Declaration access can be weaker: have optional "entri       |
| Feature | IDEA-205727 | DFA: wire Map.keySet/values/entrySet().size() to Map.size()                |
| Feature | IDEA-204787 | Deprecated usage inspection should (optionally) skip occurrences in        |
| Feature | IDEA-200365 | Inspection to collapse simple implementation of Comparator into JDT        |
| Feature | IDEA-206567 | Warn about double bitwise complement (~) operation                         |
| Feature | IDEA-202753 | Map.entrySet can be simplified analysis could identify more cases.         |

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| Feature | IDEA-204461 | DFA: Make final getter stable if it gets a final field   |
| Feature | IDEA-206230 | Pointless bitwise inspection: report `i & ~i` and `i   ~i`   |
| Feature | IDEA-205151 | Misc improvements for Mismatched array read/write inspection   |
| Feature | IDEA-203387 | Add limited multiplication support to DFA  |
| Feature | IDEA-204734 | Track Optional content similarly to boxed numbers  |
| Feature | IDEA-204773 | Enable non-null parameter inference for non-stable source methods  |
| Feature | IDEA-171758 | Support Guava collections in 'Suspicious collections method calls'                                       |
| Feature | IDEA-206224 | Improve support of bitwise operation in DFA  |
| Feature | IDEA-205560 | Integer multiplication cast to long: use dataflow to check for overflow                                  |
| Feature | IDEA-202825 | Track stream size in stream inliner  |
| Feature | IDEA-203071 | Switch expressions: provide fix to generate missed branches for enum                                     |
| Feature | IDEA-202623 | Redundant switch labeled rule block  |
| Feature | IDEA-200455 | Suggest to replace (a, b) -> a + b lambdas with Integer::sum, Long                                       |
| Feature | IDEA-160792 | 'Iteration over keySet() may be replaced with entrySet() iteration' suggestion                           |
| Feature | IDEA-192251 | Infer purity of constructors from sources  |
| Feature | IDEA-203016 | On nullability violation show which ternary branch is nullable   |
| Feature | IDEA-200056 | Redundant semicolon: Add an option to ignore trailing semicolons in                                      |
| Feature | IDEA-205846 | Suggestion to use String.repeat where appropriate when using JDK 11                                      |
| Feature | IDEA-205555 | Warn about useless 'if' like "if (x == y) return x; else return y"                                       |
| Feature | IDEA-205154 | Cast conflicts with instanceof: take into account assertion methods                                      |
| Bug     | IDEA-136742 | unused library inspection: false positive for libraries containing super                                 |
| Bug     | IDEA-205952 | Invalid Java Refactoring Suggestion - stream-foreach() call throwing                                     |
| Bug     | IDEA-204165 | [BUG][Inspection][IC-183.4588.61] false report of 'Optional.get()' w                                     |
| Bug     | IDEA-206640 | Replace var with explicit type not working with for loop   |
| Bug     | IDEA-203719 | "Result of object allocation ignored" inspection false positive in new :                                 |
| Bug     | IDEA-200832 | Default constructor, which is marked with @Deprecated via external code, is not recognised by inspection |
| Bug     | IDEA-201335 | False positive "value of parameter is always..."   |
| Bug     | IDEA-203531 | Use of obsolete date time API doesn't warn on new expressions  |
| Bug     | IDEA-204431 | 'Unnecessary return statement' false positive in enhanced switch sta                                     |
| Bug     | IDEA-203697 | Class.getClass() false-negative on Java 12 switch expression   |
| Bug     | IDEA-172232 | Field dereference inside try block makes qualifier notnull outside                                       |
| Bug     | IDEA-208270 | Action "Replace with old-style switch" is available on empty switch a                                    |
| Bug     | IDEA-203510 | Entry points are not shown in inspection results toolwindow  |
| Bug     | IDEA-202709 | False negative "Conditional expression with identical branches" inspe                                    |
| Bug     | IDEA-205122 | Unwrap switch fails with exception   |
| Bug     | IDEA-203454 | SwitchStatementDensityInspection: update for Java 12   |
| Bug     | IDEA-203692 | Remove unused variable should be aware of Java 12 switch   |
| Bug     | IDEA-201646 | Wrong message for inspection   |
| Bug     | IDEA-204867 | Scope of variable is too broad inspection doesn't keep var keyword.                                      |

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| Bug | <a href="#">IDEA-205073</a> | Remove redundant suppress warning doesn't work for javadoc tags   |
| Bug | <a href="#">IDEA-204808</a> | CloneReturnsClassTypeInspection fails in anonymous class  |
| Bug | <a href="#">IDEA-200137</a> | "Replace with 'try' with resources" produces uncompileable source   |
| Bug | <a href="#">IDEA-204187</a> | Code becomes red after applying conversion to old style switch  |
| Bug | <a href="#">IDEA-204071</a> | Auto-unboxing fix produces red code   |
| Bug | <a href="#">IDEA-206397</a> | Iteration over keySet fix produce wrong code with wildcard ? extend                                       |
| Bug | <a href="#">IDEA-204393</a> | Cannot unwrap break-with value if the value is a switch expression  |
| Bug | <a href="#">IDEA-207312</a> | Inspection / Java / Declaration redundancy: gets confused by Lombok                                       |
| Bug | <a href="#">IDEA-204985</a> | Auto-replacing deprecated method with a suggested equivalent does breaks compilation                      |
| Bug | <a href="#">IDEA-207552</a> | Wrong inspection "Actual method parameter is the same constant"   |
| Bug | <a href="#">IDEA-185473</a> | false positive "method identical to its super method"   |
| Bug | <a href="#">IDEA-205090</a> | Checking Optionals with Optional#isEmpty() still triggers 'Optional.                                      |
| Bug | <a href="#">IDEA-203085</a> | Switch expressions: support "Make method call chain to call sequenc                                       |
| Bug | <a href="#">IDEA-203119</a> | Unwrap switch statement: support rule-cases and multiple expressio  |
| Bug | <a href="#">IDEA-205309</a> | 'Replace with findFirst()' produces uncompileable source  |
| Bug | <a href="#">IDEA-203845</a> | com.intellij.util.IncorrectOperationException: Incorrect statement 'el                                    |
| Bug | <a href="#">IDEA-203705</a> | "Equals called on enum value" doesn't suggest a quick-fix inside swit                                     |
| Bug | <a href="#">IDEA-203709</a> | 'equals()' called on BigDecimal false-negative on switch expression                                       |
| Bug | <a href="#">IDEA-203698</a> | Value of ++ or -- is used: false-negative on switch expression  |
| Bug | <a href="#">IDEA-200961</a> | Simplification of "!list.add(type) is always false" may change code se                                    |
| Bug | <a href="#">IDEA-203693</a> | "Move assignment to field declaration" produces erroneous code whe  |
| Bug | <a href="#">IDEA-203946</a> | Update "Text label in 'switch' statement" inspection for switch expre:                                    |
| Bug | <a href="#">IDEA-200488</a> | 'Java   Class structure   Field can be local' inspection show warning e<br>Special Annotations'           |
| Bug | <a href="#">IDEA-203708</a> | "Unnecessary boxing" false-negative with Java 12 switch expression:                                       |
| Bug | <a href="#">IDEA-189840</a> | False positive: 'Number of placeholders does not match number of a<br>error(String, Throwable) is invoked |
| Bug | <a href="#">IDEA-204207</a> | 'Replace with 'old-style' switch statement' removes switch block bod                                      |
| Bug | <a href="#">IDEA-205851</a> | "Compute constant value" suggests to make not equivalent replacen   |
| Bug | <a href="#">IDEA-200775</a> | 'Static initializer references subclass' inspection doesn't report anony                                  |
| Bug | <a href="#">IDEA-203086</a> | Switch expressions: support "Replace conditional with if" intention                                       |
| Bug | <a href="#">IDEA-204014</a> | "I/O resource opened and not safely closed" should be updated to su                                       |
| Bug | <a href="#">IDEA-206615</a> | Suppression for inspection 'Static field used before initialization' sho                                  |
| Bug | <a href="#">IDEA-205529</a> | Conversion from the new to the old 'switch' doesn't split the list of th                                  |
| Bug | <a href="#">IDEA-203424</a> | @noinspection doesn't work for some inspections   |
| Bug | <a href="#">IDEA-196997</a> | 'Number of placeholders ... in logging call' does not support Log4j 2'                                    |
| Bug | <a href="#">IDEA-177299</a> | Rework of inspection "'default' branch is unnecessary"  |
| Bug | <a href="#">IDEA-204081</a> | '@VisibleForTesting' still treated as '@TestOnly' even if used to re<br>call it from tests                |
| Bug | <a href="#">IDEA-206052</a> | Don't report class as unused when it has a used function because of a                                     |



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| Bug | <a href="#">IDEA-203625</a> | Inspection 'assertEquals() between objects of inconvertible types' dc collection of inconvertable type            |
| Bug | <a href="#">IDEA-204138</a> | Exception in "statement with empty body" inspection with switch exp   |
| Bug | <a href="#">IDEA-202706</a> | InstanceVariableUninitializedUseInspection breaks on switch express   |
| Bug | <a href="#">IDEA-205112</a> | Declaration access can be weaker false positive with inner class cons   |
| Bug | <a href="#">IDEA-204986</a> | False Positive: "Class with only private constructor should be declare same level                                 |
| Bug | <a href="#">IDEA-205308</a> | 'Replace with max()' produces uncompileable source  |
| Bug | <a href="#">IDEA-203227</a> | Switch statement has too many branches: update for Java 12  |
| Bug | <a href="#">IDEA-200534</a> | Remove "Volatile long or double field" inspection   |
| Bug | <a href="#">IDEA-204013</a> | "Redundant local variable" should be switch break-aware   |
| Bug | <a href="#">IDEA-203979</a> | Java   Probable bugs   'equals()' between objects of inconvertible ty class                                       |
| Bug | <a href="#">IDEA-203069</a> | Enum 'switch' statement that misses case should support enhanced  |
| Bug | <a href="#">IDEA-204977</a> | "Method returns the same value" false-positive for void method with   |
| Bug | <a href="#">IDEA-172237</a> | SLF4J formatting inspection does not handle escaping backslash  |
| Bug | <a href="#">IDEA-204804</a> | Unused import: don't warn if reference in import itself is unresolved   |
| Bug | <a href="#">IDEA-203447</a> | Switch statement without default branch: support Java 12  |
| Bug | <a href="#">IDEA-200018</a> | "Overly broad 'catch' block" inspection incorrectly highlights Exceptio which hide others..." is ticked.          |
| Bug | <a href="#">IDEA-203701</a> | Result of assignment is used: false-negative in Java 12   |
| Bug | <a href="#">IDEA-203984</a> | "Remove unreachable branches" quickfix breaks code on switch expr   |
| Bug | <a href="#">IDEA-202645</a> | Good code is yellow: @Nonnull-annotated property in annotation trig warning if the string literal is concatenated |
| Bug | <a href="#">IDEA-206763</a> | Iteration over keySet quickfix does not take into consideration that t used by a lambda value                     |
| Bug | <a href="#">IDEA-198040</a> | False positive "'equals()' between objects of inconvertible types" for  |
| Bug | <a href="#">IDEA-207178</a> | Incorrect simplification of optional suggested by inspection  |
| Bug | <a href="#">IDEA-208296</a> | Java 12: Replace with old-style switch produces erroneous code for  |
| Bug | <a href="#">IDEA-204944</a> | "'clone()' defined in non-Cloneable class 'null'" on anonymous class  |
| Bug | <a href="#">IDEA-202410</a> | False positive "Method only calls it super" when using default metho  |
| Bug | <a href="#">IDEA-204430</a> | Red code after conversion to 'enhanced switch statement' when whe   |
| Bug | <a href="#">IDEA-204584</a> | Broken link in Java   Abstraction issues   'public' method with 'boole  |
| Bug | <a href="#">IDEA-203343</a> | Replace with lambda suggestion can produce bad code   |
| Bug | <a href="#">IDEA-204762</a> | "Integer division in floating point context" inspection false negative  |
| Bug | <a href="#">IDEA-198865</a> | Inspection "Parameter '<name>' is not used in either this method or working for methods with public visibility    |
| Bug | <a href="#">IDEA-204193</a> | "'break' statement" inspection should not highlight usage of 'value b   |
| Bug | <a href="#">IDEA-203450</a> | Ambiguous method call bug   |
| Bug | <a href="#">IDEA-205482</a> | "Use removal by object" fix may change semantics for List<Integer>  |
| Bug | <a href="#">IDEA-205854</a> | "Compute constant value" can be shown and not shown in similar ca   |
| Bug | <a href="#">IDEA-205525</a> | Do not warn "The declared exception X is never thrown" on native m  |

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| Bug                     | <a href="#">IDEA-200858</a> | No warning for 'Stream.toArray' when types of arguments are mixed               |   |
| Bug                     | <a href="#">IDEA-203798</a> | Inspection "Default method not implemented" has too big range whe               |   |
| Bug                     | <a href="#">IDEA-205008</a> | "Implicit numeric conversion" inspection doesn't report implicit conv operators |   |
| Bug                     | <a href="#">IDEA-206272</a> | "Fallthrough in 'switch' statement" false positive                              |   |
| Bug                     | <a href="#">IDEA-205376</a> | Warning about non-atomic operation on volatile field doesn't work fo lambda     |   |
| Bug                     | <a href="#">IDEA-203421</a> | "Unused declaration" inspection false positive on fields of inner class         |   |
| Bug                     | <a href="#">IDEA-200391</a> | Quickfix 'Extract side effect' is absent in Editor                              |   |
| Bug                     | <a href="#">IDEA-203225</a> | Switch statement has too few branches: update for Java 12                       |   |
| Bug                     | <a href="#">IDEA-205137</a> | `Replace Switch with If` produce exceptions                                     |   |
| Bug                     | <a href="#">IDEA-203703</a> | "Throwable not thrown" false-positive with Java 12 switch                       |   |
| Bug                     | <a href="#">IDEA-174522</a> | No deannotate intention action for library classes annotated as depr            |   |
| Bug                     | <a href="#">IDEA-207637</a> | "Flip equals" does nothing on unqualified equals                                |   |
| Bug                     | <a href="#">IDEA-194091</a> | ParameterizedParametersStaticCollection reports valid data methods              |   |
| Bug                     | <a href="#">IDEA-199670</a> | Javadoc is inaccessible from here for a reference in the same directo           |   |
| Performance             | <a href="#">IDEA-203363</a> | DuplicateBranchesInSwitchInspection is slow on a file with many swi             |   |
| Usability               | <a href="#">IDEA-202808</a> | Method invoked with reflection is marked as unreachable if its caller point     |   |
| Usability               | <a href="#">IDEA-201852</a> | If with common parts: suppress in the if-else chain                             |   |
| Usability               | <a href="#">IDEA-205223</a> | Iteration over keySet() may be replaced with entrySet(): keep key v             |   |
| Usability               | <a href="#">IDEA-201258</a> | Do not highlight element annotated with ScheduledForRemoval if the project      |   |
| Cosmetics               | <a href="#">IDEA-206417</a> | Typo: Gaurd   |   |
| Cosmetics               | <a href="#">IDEA-205019</a> | Conversion StringBuilder -> String can be slightly improved                     |   |
| Cosmetics               | <a href="#">IDEA-199315</a> | To reformulate the error about the inability to override the method f           |   |
| Exception               | <a href="#">IDEA-200866</a> | Structural Search: ConcurrentModificationException during offline ins           |   |
| Exception               | <a href="#">IDEA-207640</a> | Replace StringBuilder with String throws exception when there are c             |   |
| Exception               | <a href="#">IDEA-204717</a> | Can't convert enhanced 'switch' to 'if' if a branch's body contains an          |   |
| Exception               | <a href="#">IDEA-205962</a> | AIOOBE in duplicate branches in switch inspection                               |   |
| Exception               | <a href="#">IDEA-204106</a> | Auto-unboxing with switch expressions produces exceptions                       |   |
| Exception               | <a href="#">IDEA-206891</a> | NPE in data flow inspection   |   |
| Exception               | <a href="#">IDEA-199489</a> | "Simplify" quick fix exception on invalid code                                  |   |
| Java. Intention Actions | Feature                     | <a href="#">IDEA-205362</a>   | Intention to convert (collection.isEmpty()    collection.size() > 1) to   |
|                         | Feature                     | <a href="#">IDEA-203533</a>   | Various improvements in "Make call chain into call sequence"              |
|                         | Feature                     | <a href="#">IDEA-201192</a>   | Make encapsulate field available on the field declaration as an action    |
|                         | Feature                     | <a href="#">IDEA-202622</a>   | Java 12: Switch Expressions: Convert switch labeled rule expression       |
|                         | Feature                     | <a href="#">IDEA-200412</a>   | CommentTracker: update API to be able to keep intermediate comm           |
|                         | Feature                     | <a href="#">IDEA-203895</a>   | Intention to split switch branch with multiple values into separate br    |
|                         | Feature                     | <a href="#">IDEA-200651</a>   | Analysis for 'switch' statements may determine always truthy condit falsy |

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| Feature                          | IDEA-190886 | Create missing 'switch' branches should provide default branch  |
| Feature                          | IDEA-199264 | Introduce useful standard interface type for lambda expression  |
| Feature                          | IDEA-200560 | Reasonable intention actions are missing for "'catch' or 'finally' missi  |
| Bug                              | IDEA-203741 | I cannot prevent IntelliJ from adding annotations   |
| Bug                              | IDEA-206725 | "Insert default branch" produces uncompileable code   |
| Bug                              | IDEA-205607 | "Replace with old style 'switch' statement" intention produces unrea  |
| Bug                              | IDEA-201741 | 'Inline method' changes semantics in case of nested if-else   |
| Bug                              | IDEA-205835 | "invert if" inserts zillion of comments   |
| Bug                              | IDEA-201457 | Weird "Cast to Boolean" quickfix  |
| Bug                              | IDEA-205710 | `Change parameter type` / `Create method` quick-fixes malfunctio<br>type  |
| Bug                              | IDEA-173780 | Insert declaration should resolve name conflicts  |
| Bug                              | IDEA-203897 | "Import class" popup behaves weirdly in case of package local class   |
| Bug                              | IDEA-201206 | Unwrapping a lambda shows wrong preview   |
| Bug                              | IDEA-200209 | "Replace with findFirst" produces incompileable code  |
| Bug                              | IDEA-200216 | "Extract ++" produces invalid code in for loop update   |
| Bug                              | IDEA-201744 | Quick fix actions don't suggest creating a class if the name starts wit   |
| Bug                              | IDEA-206882 | Invert if produces non-equivalent code for nested if statement  |
| Bug                              | IDEA-201751 | Space deleted after comma in type arguments   |
| Bug                              | IDEA-173828 | Convert junit 3 to junit 4 should warn about usages which can't be c  |
| Usability                        | IDEA-202345 | Weird Tab/Enter behavior in 'replace with x != null' quick fix  |
| Usability                        | IDEA-200649 | Showing 'add missing switch branches' intention for all the nested sv   |
| Cosmetics                        | IDEA-202990 | Intellij suggests adding new parameter as '21th' parameter to methc   |
| JavaEE.<br>Deployment and<br>Run | Bug         | IDEA-203047 Rerun for JavaEE server run configuration does not lead to `Update`   |
| JavaEE.EJB3                      | Bug         | IDEA-151644 false error detection on ManagedExecutorService injection   |
| JavaEE.JBoss                     | Bug         | IDEA-208360 Wildfly 16.0.0.Final Support Missing  |
|                                  | Bug         | IDEA-204303 Open browser run configuration doesn't launch the browser and caus<br>application (JBoss Server)                        |
| JavaEE.JSF                       | Bug         | IDEA-204871 JSF not automatically enabled and Cannot Manually add   |
|                                  | Bug         | IDEA-124803 Code highlighting for ui:repeat varStatus not working. Parameter no   |
|                                  | Bug         | IDEA-188937 JSF 2.3 won't load <f:websocket>  |
|                                  | Usability   | IDEA-201728 Libraries under java enterprise for JSF default to 1.2 when we are at   |
| JavaEE.Struts                    | Exception   | IDEA-206588 Plugin exception [Plugin: StrutsAssistant] at<br>com.intellij.util.ExtensionInstantiator.instantiateWithPicoContainerOr |
| Kubernetes                       | Feature     | IDEA-194758 Helm: Validate requirements.yaml fields   |
|                                  | Bug         | IDEA-207953 Kubernetes. External resources. CRD. Make it possible to add a sche<br>"versions"                                       |
|                                  | Bug         | IDEA-207703 java.lang.LinkageError at attempt to load CRD as external spec  |
|                                  | Bug         | IDEA-204167 Helm. com.intellij.util.IncorrectOperationException at attempt to ren   |
|                                  | Bug         | IDEA-207960 Kubernetes: External resources. Multiple CRD schemas in one file: o   |

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|                            | Cosmetics | IDEA-205741 | Kubernetes. Settings. Too big distance between fields.  |
| Language Injection         | Bug       | IDEA-201839 | Injected Brace Matcher Works Pretty Fun   |
| Local History              | Bug       | IDEA-203490 | Copy/paste is not working in the left pane of the Local History window  |
|                            | Usability | IDEA-75181  | show absolute time in local history   |
|                            | Exception | IDEA-203259 | It's possible to call 'Show History for Selection' for project tree items   |
| Macros                     | Bug       | IDEA-204339 | Some IDEA macro invalid in other IDE's context.   |
| Packaging and Installation | Feature   | IDEA-194148 | Publish 'intellij.platform.testFramework' module as a Maven artifact  |
|                            | Bug       | IDEA-198859 | Batch Mode for IDE updates: IDEA just restarted without any message   |
|                            | Bug       | IDEA-158855 | Windows installer starts uninstaller even when clicking back  |
|                            | Bug       | IDEA-204957 | Projects opened with cli have names ending in ./ opening other project root file system and or sometimes the parent directory filesystem. |
|                            | Bug       | IDEA-206868 | Patch update doesn't work on macOS (2019.1 EAP)   |
|                            | Bug       | IDEA-202232 | Two versions of commons-codec.jar are included into IntelliJ Platform   |
|                            | Bug       | IDEA-141900 | Installer: Uninstall old version has weird word wrapping  |
|                            | Bug       | IDEA-203550 | Windows Installer: 'Uninstall old versions' shows only several installed versions   |
|                            | Bug       | IDEA-206790 | [jre11.win.zip artifact]: There is 32bit launcher in archive  |
|                            | Bug       | IDEA-208430 | [jbr 11] Uninstall doesn't work after patching IDEA   |
|                            | Usability | IDEA-202806 | There are too few rows in Uninstall Old Versions tab  |
|                            | Usability | IDEA-197129 | Kotlin compiler binaries miss executable permissions  |
|                            | Usability | IDEA-207608 | [jbr11 windows installers] It is better to remove checkboxes related to old versions  |
|                            | Cosmetics | IDEA-208125 | [Setup dialog]: Replace '...install JRE x86...' with '...install JBR x86...'  |
|                            | Cosmetics | IDEA-204535 | Header text in Rider Installer is heavily misaligned  |
|                            | Task      | IDEA-149668 | Publish javac2 on maven   |
|                            | Task      | IDEA-202441 | Bundle Kotlin 1.3.20 with IntelliJ IDEA   |
|                            | Task      | IDEA-192396 | Publish java-psi and required modules as Maven artifacts  |
|                            | Task      | IDEA-206416 | Bundle Kotlin 1.3.21 with IntelliJ IDEA   |
|                            | Task      | IDEA-200437 | Use correct product code when IDE is started from sources   |
| Platform API               | Feature   | IDEA-177378 | make the registry entries extendible by plugins   |
|                            | Feature   | IDEA-198928 | Make UAST provide a priority list of PsiElement types which could be used for completion  |
|                            | Feature   | IDEA-200287 | UCallableReferenceExpression should provide access to referenceName   |
|                            | Feature   | IDEA-201009 | Introduce ApiStatus.AvailableSince annotation   |
|                            | Feature   | IDEA-209082 | Allow IDEs to customize which builds can be used as possible update candidates  |
|                            | Bug       | IDEA-202707 | If PersistentStateComponent::loadState failed with exception it won't be able to load state   |
|                            | Bug       | IDEA-196796 | UAST: UMethod should provide access to the return-type reference element  |
|                            | Bug       | IDEA-205876 | Completion on a LightClass that is an interface does not include static members   |
|                            | Usability | IDEA-207106 | Log plugin that use registerFileType instead of FileTypeFactory   |
|                            | Task      | IDEA-203954 | Make sure that `PsiReferenceProvider`s add references to elements   |
| Plugin Development         | Feature   | IDEA-206060 | DevKit: deprecate Project Wizard  |

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|                       | Feature     | IDEA-194946 | DevKit: verify plugin provides pluginIcon.svg   |
|                       | Feature     | IDEA-201007 | Devkit: show warning if a plugin code uses API which wasn't availab                                       |
|                       | Feature     | IDEA-202010 | Highlight services/components with identical interface and implemer plugin.xml                            |
|                       | Bug         | IDEA-202393 | Always include ID of a problematic plugin into exception report   |
|                       | Bug         | IDEA-196765 | Good code red in a module.xml when referring an action defined in t                                       |
|                       | Bug         | IDEA-208625 | Devkit: extension point property "className" should have PsiClass c                                       |
|                       | Bug         | IDEA-197440 | Navigation to testdata hangs uninterruptible  |
|                       | Bug         | IDEA-202417 | Quick-fix to register PsiReferenceProvider via psi.referenceProvider c                                    |
|                       | Bug         | IDEA-187409 | AutoCompletion popup disappears if variant contain dash symbol "-"  |
|                       | Bug         | IDEA-204436 | Plugin Icon search path is wrong for ZIP plugin distributions   |
|                       | Bug         | IDEA-200152 | Error launching plugin project with 'local' IDEA SDK  |
|                       | Bug         | IDEA-205189 | theme.json: no spellchecking for color hex values   |
|                       | Bug         | IDEA-206150 | Something wrong in ExtensionOrderConverter#isBeforeOrAfterKeyw  |
|                       | Bug         | IDEA-202635 | Devkit: fix all gutter icon sizes, make configurable  |
|                       | Bug         | IDEA-208354 | Devkit: subtags of 'intentionAction' tag in plugin.xml are highlighted                                    |
|                       | Bug         | IDEA-140250 | Rename class refactoring handles usages in xml incorrectly if inner c                                     |
|                       | Usability   | IDEA-204886 | Navigate to test data action shows multiple blinking modal progress                                       |
|                       | Usability   | IDEA-206928 | plugin.xml: plugin name in Tab title shouldn't only work for plugin p                                     |
|                       | Task        | IDEA-208472 | Devkit: allow user to specify modules which are included into single check                                |
| Plugin Management     | Feature     | IDEA-206274 | If there there are two dependencies on the same plugin in plugin.xml other is treated as optional as well |
|                       | Feature     | IDEA-201336 | Drag'n'drop plugin zip file to welcome screen doesn't install it, but in                                  |
|                       | Bug         | IDEA-202302 | Plugins management: confusing reaction in case of required plugin d uninstalling                          |
|                       | Bug         | IDEA-171225 | Plugin manager should select only one (latest compatible) version in                                      |
|                       | Bug         | IDEA-202957 | New Plugins dialog: 503 server error causes two error dialogs - one                                       |
|                       | Bug         | IDEA-205249 | Required plugin isn't isn't added when click 'Enable' in 'Preferences                                     |
|                       | Bug         | IDEA-199129 | New Plugins panel opens oversized if last opened tab was "Installed"                                      |
|                       | Performance | IDEA-205534 | Typing lags in plugins search UI  |
|                       | Usability   | IDEA-200225 | When user installs plugin from disk tab should be switched from "Ma                                       |
|                       | Usability   | IDEA-126874 | Settings   Plugins have poor keyboard navigation  |
|                       | Usability   | IDEA-200867 | Show plugin versions in the installed plugins list  |
|                       | Exception   | IDEA-201296 | Restart from new plugins dialog results in exceptions in console  |
| Project Configuration | Bug         | IDEA-203651 | Kotlin MPP (Common and JS) test source roots are not detected as s  |
|                       | Bug         | IDEA-208450 | Memory leak in RootModelImpl.myDisposable   |
|                       | Bug         | IDEA-185499 | Do not create all facet editors on project settings open  |
|                       | Bug         | IDEA-208237 | IDEA forgets unloaded modules.  |
|                       | Bug         | IDEA-139332 | Creating template from project error: Error parsing file template   |
|                       | Bug         | IDEA-206879 | Scopes: can't exclude folder, only the files inside it  |

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|---------------------------|-----------|-----------------------------|---|--|
|                           | Bug       | <a href="#">IDEA-107676</a> | Project Templates: attempt to apply the project template created for fails with velocity exceptions |  |
|                           | Cosmetics | <a href="#">IDEA-202743</a> | Library that contains only a single folder is shown as "libs and one m                              |  |
|                           | Exception | <a href="#">IDEA-202726</a> | AccessDeniedException on project name change if .name file is read                                  |  |
|                           | Exception | <a href="#">IDEA-205597</a> | REWA at com.intellij.openapi.application.impl.ApplicationImpl.assert                                |  |
| Quick Documentation       | Bug       | <a href="#">IDEA-205190</a> | Misplaced Mouse Cursor  |  |
|                           | Bug       | <a href="#">IDEA-203264</a> | Restoring quick doc popup size changes its content  |  |
|                           | Bug       | <a href="#">IDEA-204179</a> | Wrong scrolling position after hyperlink navigation in quick doc popu                               |  |
|                           | Bug       | <a href="#">IDEA-205229</a> | QuickDoc popup appears at wrong position when cursor is in "Find" f                                 |  |
|                           | Bug       | <a href="#">IDEA-201023</a> | QuickDoc popup becomes small after resizing and clicking the link in                                |  |
|                           | Bug       | <a href="#">IDEA-201393</a> | QuickDoc popup hides after selecting "Show Toolbar" option if Quick                                 |  |
|                           | Bug       | <a href="#">IDEA-201449</a> | Documentation tab name is not updated on following links in docum                                   |  |
|                           | Bug       | <a href="#">IDEA-203588</a> | JDK11 Javadoc links use wrong anchor format   |  |
|                           | Bug       | <a href="#">IDEA-203728</a> | Quick doc opened for an item from Project View changes position if c                                |  |
|                           | Bug       | <a href="#">IDEA-202665</a> | Quick documentation resolves method to any compatible method  |  |
|                           | Bug       | <a href="#">IDEA-189815</a> | Quick doc popup shown on mouse hover closes when clicking on a re                                   |  |
|                           | Bug       | <a href="#">IDEA-205497</a> | QuickDoc popup appears on another monitor if invoked from "Brief I                                  |  |
|                           | Bug       | <a href="#">IDEA-201819</a> | QuickDoc popup is shown under the element in Diagram area even if                                   |  |
|                           | Bug       | <a href="#">IDEA-202789</a> | Too many "Element information is not available during index update"                                 |  |
|                           | Bug       | <a href="#">IDEA-201280</a> | QuickDoc popup appears at the cursor position after closing the docu                                |  |
|                           |           | Usability                   | <a href="#">IDEA-200674</a>   | Adjust popup size according to the font size |
|                           |           | Usability                   | <a href="#">IDEA-200124</a>   | Quick Documentation hides context menu       |
| Refactoring               | Usability | <a href="#">IDEA-206481</a> | Improve new file "Register New File Type Association"   |  |
|                           | Cosmetics | <a href="#">IDEA-206172</a> | Refactor of directory name that begins with a dot to another name th<br>new name with TWO dots.     |  |
| RegExp                    | Feature   | <a href="#">IDEA-202325</a> | In RegExp form, check whether the regular expression could match ;                                  |  |
|                           | Usability | <a href="#">IDEA-202189</a> | Pressing Shift+Tab in the Check RegExp window leaves the window                                     |  |
| Run   Debug configuration | Feature   | <a href="#">IDEA-114577</a> | Confirm deletion of run/debug configurations  |  |
|                           | Bug       | <a href="#">IDEA-96960</a>  | Run Configurations popup: inconsistent position for run config folder                               |  |
|                           | Bug       | <a href="#">IDEA-157989</a> | "Stop" button does not work when the IDE is launched as a backgro                                   |  |
|                           | Bug       | <a href="#">IDEA-194910</a> | Add macro support for VM options field (e.g. expand \$ModuleFileDir                                 |  |
|                           | Bug       | <a href="#">IDEA-195693</a> | Context help shows 404 page when invoked for a run configuration v                                  |  |
|                           | Bug       | <a href="#">IDEA-206761</a> | Run configuration adds one more underscore  |  |
|                           | Bug       | <a href="#">IDEA-202004</a> | Run Configuration. Red class name "Class 'Main' is in the default pac                               |  |
|                           | Usability | <a href="#">IDEA-204335</a> | Need an ability to disable run configuration delete confirmation dialo                              |  |
|                           | Usability | <a href="#">IDEA-201215</a> | JVM launcher cannot process @argfiles produced by IDEA  |  |
|                           | Usability | <a href="#">IDEA-206173</a> | Environment Variables: can no longer paste from clipboard   |  |
|                           | Usability | <a href="#">IDEA-207069</a> | Environment Variables "Open Folder"   |  |
|                           | Usability | <a href="#">IDEA-206392</a> | Do not allow empty parameters in Run configuration > Spring Boot :                                  |  |
|                           | Exception | <a href="#">IDEA-205510</a> | Throwable at com.intellij.execution.impl.RunManagerImpl.addConfig                                   |  |

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| Settings Repository            | Feature   | IDEA-174290 | Settings Repository plugin leaks sensitive information in the commit   |
|                                | Bug       | IDEA-206186 | When starting up new 2019.1 IDEA it resets settings if JetBrains Acc   |
|                                | Bug       | IDEA-182954 | Font size setting synchronization (via account) fail                   |
|                                | Bug       | IDEA-193044 | Duplicated plugins in Sync Plugin list                                 |
|                                | Bug       | IDEA-205426 | Unable to push settings to shared repository - Unknown macro \$PRC     |
| Structural Search and Replace  | Feature   | IDEA-161879 | CTRL+C on Structural Search > Existing Templates yields SearchCor      |
|                                | Feature   | IDEA-198496 | Structural search usability: Switch between search and replace mode    |
|                                | Bug       | IDEA-200742 | Tooltip with "Edit Filters" should be disabled in Existing Templates w |
|                                | Bug       | IDEA-201528 | Simple xml query not found because of index access problem             |
|                                | Bug       | IDEA-200892 | Dialog remembers its size incorrectly                                  |
|                                | Bug       | IDEA-202914 | mess after selection   |
|                                | Bug       | IDEA-201300 | No validation after filter change                                      |
|                                | Bug       | IDEA-202451 | SSR: search templates are missing on each project openenig             |
|                                | Bug       | IDEA-206795 | File type not correctly detected from editor selection                 |
|                                | Bug       | IDEA-201833 | Structural search inspection: added filter is not saved for search tem |
|                                | Usability | IDEA-203074 | Cutting and pasting a placeholder in the template editor loses all pl  |
|                                | Usability | IDEA-168054 | Make structural search/replace templates available globally            |
| Task Management                | Bug       | IDEA-205965 | Pivotal Tracker implementation uses the deprecated and shutdownec      |
|                                | Cosmetics | IDEA-171919 | Underscore missing in task list drop-down                              |
| Template Languages. FreeMarker | Bug       | IDEA-205704 | Freemarker editor doesn't resolve variables anymore when using <#      |
|                                | Exception | IDEA-204842 | nonempty text is not covered by block in #<FreeMarker>                 |
| Terminal                       | Feature   | IDEA-119667 | Feature request: shortcut for switching between terminal tabs          |
|                                | Bug       | IDEA-204243 | In 2018.3 terminal doesn't save commands to the history (zsh).         |
|                                | Bug       | IDEA-201228 | IllegalStateException when split Terminal tab                          |
|                                | Bug       | IDEA-155571 | terminal history not retained between openings op terminal pane        |
|                                | Bug       | IDEA-205239 | Cmd+W in a Terminal tab moved to the Editor closes the wrong wind      |
|                                | Bug       | IDEA-204725 | Terminal with bash: 'cat' process ignores SIGPIPE                      |
|                                | Bug       | IDEA-165632 | The terminal is called twice.  |
|                                | Usability | IDEA-205457 | Terminal trap DEBUG overrides my trap                                  |
|                                | Usability | IDEA-132932 | Console font change doesn't take effect immediately                    |
|                                | Usability | IDEA-204510 | too easy to accidentally close terminal window                         |
|                                | Usability | IDEA-206189 | Fall back shell path for terminal settings                             |
|                                | Thymeleaf | Feature     | IDEA-129851  |
| Bug                            |           | IDEA-152588 | Thymeleaf: completion should be available for the included/replaced    |
| Bug                            |           | IDEA-152595 | Thymeleaf: no navigation/completion/rename is provided for the inc     |
| Bug                            |           | IDEA-163350 | Darcula color scheme not looking very nice in Thymeleaf templates      |
| Bug                            |           | IDEA-130667 | Thymeleaf: incorrect completion in th:include attribute value          |
| Bug                            |           | IDEA-145628 | Thymeleaf: data-th-* syntax should not require xmlns declaration       |
| Bug                            |           | IDEA-129852 | Thymeleaf: th:include: same-file fragment can be referenced with n     |

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|------------------------|-------------|-----------------------------|--|
|                        | Bug         | <a href="#">IDEA-205379</a> | Thymeleaf: navigation to the parametrized fragment doesn't work                                |
|                        | Bug         | <a href="#">IDEA-145647</a> | Thymeleaf: support navigation to included / replaced fragment                                  |
|                        | Exception   | <a href="#">IDEA-129849</a> | Thymeleaf: exception on attempt to rename the included file                                    |
| UML                    | Bug         | <a href="#">IDEA-208229</a> | Export diagram to image file: progress cancelling doesn't work                                 |
|                        | Bug         | <a href="#">IDEA-204874</a> | UML diagram: context menu does not work on macOS   |
|                        | Bug         | <a href="#">IDEA-207533</a> | Move UML diagram colors to color theme, then use editor color them                             |
|                        | Bug         | <a href="#">IDEA-207912</a> | Diagrams background is white on Darcula  |
| Unit Testing.<br>JUnit | Feature     | <a href="#">IDEA-205843</a> | Click to see difference for JUnit doesn't support anonymous Feature                            |
|                        | Feature     | <a href="#">IDEA-201121</a> | Ignore @Enabled... conditions when run individual JUnit5 test                                  |
|                        | Feature     | <a href="#">IDEA-201375</a> | 2018.3 Beta + Rerun Failed Tests does not work with JUnit 5.3.1 Dy                             |
|                        | Feature     | <a href="#">IDEA-202111</a> | JUnit5 suggest, make reference and validate @EnumSource values f                               |
|                        | Bug         | <a href="#">IDEA-206892</a> | Incorrect JUnit tree generated for repeated parameterized tests                                |
|                        | Bug         | <a href="#">IDEA-204168</a> | Test class selection by name is broken   |
|                        | Bug         | <a href="#">IDEA-202869</a> | Run Configuration with Test Kind 'TAGS' has unsolvable Error                                   |
|                        | Bug         | <a href="#">IDEA-199945</a> | Idea 2018 and Junit 5 duplicates test executions when running tests                            |
|                        | Bug         | <a href="#">IDEA-139160</a> | Slow response during execution of unit tests when assertion fails wit                          |
|                        | Bug         | <a href="#">IDEA-203414</a> | Test configuration with invalid class shows as passing   |
|                        | Bug         | <a href="#">IDEA-198613</a> | Test output removed when JUnit test fails  |
|                        | Bug         | <a href="#">IDEA-205512</a> | IntelliJ is only running the first package when you select multiple pa                         |
|                        | Bug         | <a href="#">IDEA-201118</a> | Ignore @DisabledIf condition when run individual JUnit5 test                                   |
|                        | Bug         | <a href="#">IDEA-123039</a> | StackOverflowError when exporting large junit results  |
|                        | Bug         | <a href="#">IDEA-200501</a> | JUnit3: "leaf" empty JUnit3 TestSuites are no longer visible                                   |
|                        | Bug         | <a href="#">IDEA-205937</a> | Can't run whole project JUnit tests in Gradle project with multiple m<br>NumberFormatException |
|                        | Bug         | <a href="#">IDEA-185466</a> | Wrong test run configuration can be used when running module test                              |
|                        | Bug         | <a href="#">IDEA-203609</a> | IDE won't run JUnit tests classes with same name   |
|                        | Bug         | <a href="#">IDEA-178882</a> | Fork doesn't work properly when run tests from package with mix of                             |
|                        | Bug         | <a href="#">IDEA-190838</a> | Generated JUnit's setUp() method does not compile  |
|                        | Bug         | <a href="#">IDEA-159414</a> | Execute single overridden test method in JUnit test class without exp                          |
|                        | Bug         | <a href="#">IDEA-200313</a> | JUnit Jupiter tests ignored when run by pattern and with Vintage tes                           |
|                        | Bug         | <a href="#">IDEA-202575</a> | JUnit5: FileSource test/container opens file in "bin" folder (if availabl<br>Source"           |
|                        | Bug         | <a href="#">IDEA-202594</a> | Counter of total tests shows less then it should when test fails                               |
|                        | Bug         | <a href="#">IDEA-202418</a> | Confusing output from opentest4j MultipleFailuresError   |
|                        | Bug         | <a href="#">IDEA-195665</a> | Not good generate test source  |
|                        | Bug         | <a href="#">IDEA-160306</a> | Very long text in test result failures clips the "Click to see difference'                     |
|                        | Performance | <a href="#">IDEA-203173</a> | JUnit 5 Platform Integration calls TestEngine.discover twice                                   |
|                        | Usability   | <a href="#">IDEA-206042</a> | Display name of failed test in JUnit diff window   |
|                        | Usability   | <a href="#">IDEA-205284</a> | JUnit5: using @ParameterizedTest and @Test in the same class show<br>class/methods             |
|                        | Usability   | <a href="#">IDEA-179482</a> | Support opentest4j in all tests not just JUnit 5   |



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|-------------------------|-------------|-----------------------------|---|
|                         | Usability   | <a href="#">IDEA-195529</a> | Test run gutter inconsistency   |
| Unit Testing.<br>TestNG | Bug         | <a href="#">IDEA-206449</a> | TestNG: test name is not displayed if it is identical to the suite name |
| User Interface          | Bug         | <a href="#">IDEA-184388</a> | Exception on pressing "context menu button" if there is no context menu |
|                         | Bug         | <a href="#">IDEA-127973</a> | Ctrl+Click doesn't work for multiple selection in Changes   Log, File I |
|                         | Bug         | <a href="#">IDEA-202939</a> | Can't exit search from Mac Touch Bar when no Touch Bar menu conf        |
|                         | Bug         | <a href="#">IDEA-207737</a> | support native custom decoration  |
|                         | Bug         | <a href="#">IDEA-198933</a> | Problem painting splash screen tail image                               |
|                         | Bug         | <a href="#">IDEA-204015</a> | IllegalArgumentException because event getcomponent is null (from       |
|                         | Bug         | <a href="#">IDEA-206484</a> | "Switch Boot Runtime" dialog: Some local JDKs are shown as "Undef       |
|                         | Bug         | <a href="#">IDEA-206399</a> | Navigation bar missing on opening new project                           |
|                         | Bug         | <a href="#">IDEA-207598</a> | Show smart step into popup above the line                               |
|                         | Bug         | <a href="#">IDEA-201103</a> | Linux native menu: some submenu are empty                               |
|                         | Bug         | <a href="#">IDEA-203219</a> | Touch Bar buttons for "Find/Replace in Path" dialog do not correspor    |
|                         | Bug         | <a href="#">IDEA-207957</a> | IDEA is not switched to full screen on Windows                          |
|                         | Bug         | <a href="#">IDEA-204789</a> | project frame opens out of screen                                       |
|                         | Bug         | <a href="#">IDEA-204130</a> | Find usages -> Export to Text background does not match font color      |
|                         | Bug         | <a href="#">IDEA-204534</a> | KDE global menu   |
|                         | Bug         | <a href="#">IDEA-206344</a> | Recent Locations popup: after exiting presentation mode, popup ma       |
|                         | Bug         | <a href="#">IDEA-202305</a> | Update JavaScriptDebugger and JavaScriptLanguage icons                  |
|                         | Bug         | <a href="#">IDEA-118112</a> | Additional keybindings  |
|                         | Bug         | <a href="#">IDEA-166195</a> | icons doing the same action: intended?                                  |
|                         | Bug         | <a href="#">IDEA-186740</a> | Scrollbar overlaps piece of text in an overflow hint                    |
|                         | Bug         | <a href="#">IDEA-206775</a> | Remove Run Anything icon for IntelliJ IDEA                              |
|                         | Bug         | <a href="#">IDEA-201104</a> | Linux native menu: popups are not closed when native menu is oper       |
|                         | Bug         | <a href="#">IDEA-203502</a> | Preview in "Find Usages" toolwindow turns green when disabled           |
|                         | Bug         | <a href="#">IDEA-206700</a> | Validation in tables: bugs  |
|                         | Bug         | <a href="#">IDEA-199508</a> | New Search Field: replace clean icon with close one                     |
|                         | Bug         | <a href="#">IDEA-204678</a> | Editor tab is minimized to OS title bar when detaching it with a mous   |
|                         | Bug         | <a href="#">IDEA-202749</a> | Missing mnemonics for labels  |
|                         | Bug         | <a href="#">IDEA-203496</a> | java.lang.IllegalStateException: component cannot be null               |
|                         | Bug         | <a href="#">IDEA-204831</a> | On IDEA restart 2 projects are opened while when IDEA was closed        |
|                         | Bug         | <a href="#">IDEA-207394</a> | Icon animation stops in TestTree for one project if tests were starte   |
|                         | Bug         | <a href="#">IDEA-186873</a> | Unpinned "Find Usages" window became closed when some control i         |
|                         | Bug         | <a href="#">IDEA-201284</a> | Linux Native Menu Bar: main menu is not available if the detached e     |
|                         | Performance | <a href="#">IDEA-205737</a> | parameter info tooltip slows down typing in editor                      |
|                         | Performance | <a href="#">IDEA-199938</a> | "Compress and Show Logs" works on UI thread                             |
|                         | Performance | <a href="#">IDEA-204341</a> | 30s hang inside DeferredIconImpl  |
|                         | Performance | <a href="#">IDEA-199779</a> | Make generated icons lazy   |
|                         | Usability   | <a href="#">IDEA-203571</a> | Disabled icons on status bar should support LAF changes                 |

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|--------------------------------|-----------|-------------|---|
|                                | Usability | IDEA-206969 | Consistent names of actions in View menu  |
|                                | Usability | IDEA-167451 | file chooser dialog: can't definitely say which icons are grayed and w                                      |
|                                | Usability | IDEA-202513 | 'Evaluate' window always shows on a fixed size and location.  |
|                                | Usability | IDEA-203577 | Update tool window modes menu   |
|                                | Usability | IDEA-206408 | "Switch Boot Runtime" dialog takes a long time to show up   |
|                                | Usability | IDEA-180216 | Image viewer zooms in wrong direction on scroll wheel   |
|                                | Usability | IDEA-195255 | Dialog Non-Project Files Protection: make OK primary button   |
|                                | Cosmetics | IDEA-85566  | Git branches with underscores don't render properly in branch menu  |
|                                | Cosmetics | IDEA-199007 | Incorrect progress dialog border rendering  |
|                                | Cosmetics | IDEA-184165 | Startup splash screen progress bar is not centered  |
|                                | Cosmetics | IDEA-203829 | Analyze actions shows "Include test sources" option even if there are                                       |
|                                | Cosmetics | IDEA-206478 | Partial commits: 'Uncheck All' checkbox misaligned with dependent c   |
|                                | Cosmetics | IDEA-203937 | Vertical aligned windows can't be resized entirely anymore  |
|                                | Cosmetics | IDEA-205826 | Annotation name is cropped on hiDPI monitor 175% scale  |
|                                | Cosmetics | IDEA-200555 | Icons in the Apply Patch dialog are not updated   |
|                                | Task      | IDEA-205679 | Rework validation in tables   |
|                                | Exception | IDEA-205460 | "Throwable: Project is already disposed" in Structure View on Close   |
|                                | Exception | IDEA-203132 | NullPointerException occurs on entering Presentation mode   |
|                                | Exception | IDEA-208621 | Bookmark dialog's move up/down actions do not work (throw except  |
| User Interface. Action System  | Bug       | IDEA-202541 | Replacing an action via unregisterAction/registerAction may not upd   |
|                                | Bug       | IDEA-202598 | Remove action from all action groups when ActionManager.unregister  |
|                                | Exception | IDEA-203236 | Throwable occurs when accessing "Run Anything" via shortcut   |
| User Interface. Controls       | Bug       | IDEA-204186 | IDEA lost mnemonic for 'File-eXit'  |
|                                | Bug       | IDEA-204972 | Cannot assign context-dependent shortcut key if that shortcut is left                                       |
|                                | Bug       | IDEA-202228 | NPE at com.intellij.ide.ui.laf.darcula.ui.DarculaProgressBarUI.paintDe                                      |
|                                | Bug       | IDEA-207083 | Implement validation of checkboxes  |
|                                | Bug       | IDEA-200457 | ComponentValidator doesn't work with EditorTextField  |
|                                | Bug       | IDEA-207235 | On Linux it's impossible to switch tabs in Debug Tool Window (e.g. fi<br>View if the first line is selected |
|                                | Cosmetics | IDEA-201120 | Cannot Run Git popup contains Configu link instead of Configure   |
|                                | Cosmetics | IDEA-202283 | Plugins UI: Top border of "Back to Plugins" button is cut   |
|                                | Exception | IDEA-198778 | Exception on a click to the hidden toolwindow toolbar item  |
| User Interface. Focus          | Bug       | IDEA-203154 | Focus lost when some tab is closed in Version control toolwindow  |
|                                | Bug       | IDEA-187615 | VCS tool window loses focus when file is selected from History dropd  |
|                                | Bug       | IDEA-194482 | Focus lost from main pane after swithcing tabs with keyboard (Alt+F   |
| User Interface. Keyboard Input | Bug       | IDEA-203999 | Double CMD doesn't show tool windows  |
|                                | Bug       | IDEA-206348 | Can no longer use "AltGr" to invoke Alt-Enter for Intention action un                                       |
|                                | Usability | IDEA-206757 | [Sublime keymap]: "Ctrl+Shift+Backspace" should be mapped to "d   |
| User Interface. Look and Feel  | Bug       | IDEA-203934 | Icons become of a Darcula theme after restarting IDEA with "High C  |
|                                | Bug       | IDEA-185124 | Project Structure dialog doesn't change theme properly  |

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|                                 | Bug         | IDEA-204746                                       | No border between 'Shelf' toolwindow content area and toolbar             |
|                                 | Bug         | IDEA-201938                                       | High Contrast Theme: UML diagram window is still grey for contrast        |
|                                 | Bug         | IDEA-159315                                       | Black text on dark background in 'Rename File' dialog box. (Dracula       |
|                                 | Bug         | IDEA-206617                                       | Cannot open Settings when a theme is applied                              |
|                                 | Cosmetics   | IDEA-204282                                       | Tree in "File and Code Templates" has grey background when "High          |
|                                 | Task        | IDEA-203153                                       | Support old color key names   |
| User Interface.<br>Navigation   | Feature     | IDEA-115029                                       | Feature request: recent files dialog should use up/down/left/right ke     |
|                                 | Bug         | IDEA-206176                                       | Recent locations popup: long string editing leads to location shown a     |
|                                 | Bug         | IDEA-154117                                       | Cannot bind Alt+S to an action  |
|                                 | Bug         | IDEA-206340                                       | Recent Locations popup: after checkbox is checked by mouse popup          |
|                                 | Bug         | IDEA-207077                                       | Header does not resize on popup resize, title and checkbox may ove        |
|                                 | Bug         | IDEA-207963                                       | Can't find some recent files in Search Everywhere top                     |
|                                 | Bug         | IDEA-208222                                       | Search Everywhere: Items duplicated in Files and Symbols sections         |
|                                 | Bug         | IDEA-207903                                       | Search Everywhere: Selection disappears when "more" item activate         |
|                                 | Bug         | IDEA-206205                                       | Recent Locations popup: new-created file doesn't appear in popup          |
|                                 | Performance | IDEA-202231                                       | Compute breadcrumb information outside of EDT                             |
|                                 | Usability   | IDEA-207546                                       | Goto file: match spaces with file separators                              |
|                                 | Usability   | IDEA-204149                                       | Disable Search Everywhere from automatically inserting last query         |
|                                 | Usability   | IDEA-204424                                       | Confusing representation of items without a group in go to related s      |
|                                 | Task        | IDEA-209217                                       | Fixed size RL popup   |
|                                 | Exception   | IDEA-206238                                       | IAE at com.intellij.util.containers.ContainerUtil.\$\$\$reportNull\$\$\$0 |
| Exception                       | IDEA-200357 | 'Quick Documentation' action fails with exception |   |
| User Interface.<br>Project View | Feature     | IDEA-123918                                       | Allow to use additional keymaps for up/down in project window             |
|                                 | Feature     | IDEA-200471                                       | File nesting not happening when file name is equal to configured file     |
|                                 | Bug         | IDEA-176384                                       | Scroll from source not working anymore                                    |
|                                 | Bug         | IDEA-204918                                       | File nesting doesn't work with .java files                                |
|                                 | Bug         | IDEA-190056                                       | Class members are highlighted as erroneous when they aren't               |
|                                 | Bug         | IDEA-203616                                       | Update in Resource Bundle makes the file explorer to close the Reso       |
|                                 | Exception   | IDEA-204840                                       | StringIndexOutOfBoundsException on Enum file opening when "Stru           |
|                                 | Exception   | IDEA-203552                                       | CancellationException at org.jetbrains.concurrency.AsyncPromise.ca        |
| Version Control                 | Feature     | IDEA-177606                                       | Use more relaxed heuristics to mark cherry-picked commits                 |
|                                 | Feature     | IDEA-167703                                       | Shelf deletion should support undo instead of confirmation                |
|                                 | Feature     | IDEA-202946                                       | Show History for selection should work for the caret position             |
|                                 | Feature     | IDEA-200561                                       | VCS Annotations: add mode to show author initials instead of full na      |
|                                 | Feature     | IDEA-182234                                       | VCS code analysis: specify exactly how many files contain problems        |
|                                 | Feature     | IDEA-203130                                       | Allow to apply shelved changes without removing them from shelf by        |
|                                 | Feature     | IDEA-52058  | Prompt to add files to version control that got copied into a project e   |
|                                 | Bug         | IDEA-203802                                       | Unshelve Silently restores several changelists in one                     |
|                                 | Bug         | IDEA-148109                                       | A file ignored via .gitignore is shown as modified in 'Local Changes'     |

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|-------------------------|-------------|-------------|---|
|                         | Bug         | IDEA-202099 | Shelve tab automatically closed if delete last shelve even if there are   |
|                         | Bug         | IDEA-207102 | Annoying "Shelf" behavior changes   |
|                         | Bug         | IDEA-203012 | Files which were not added under VCS at once, do not appear at the project reload                                     |
|                         | Bug         | IDEA-179602 | Workspace should not be restored is a branch is not checked out   |
|                         | Bug         | IDEA-206072 | IDEA shows half of project with an olive color  |
|                         | Bug         | IDEA-205302 | 'Clean Unshelved Changelist' - Option button has no default option  |
|                         | Bug         | IDEA-204713 | Deadlock after switching git branches (with kotlin)   |
|                         | Bug         | IDEA-170942 | Scope background color is not shown for files that do not have Virtu  |
|                         | Bug         | IDEA-205331 | Cancelling pre-commit code analysis leaves all local changes in stasf   |
|                         | Bug         | IDEA-87811  | No line status markers for files modified without checkout  |
|                         | Bug         | IDEA-201084 | 'Group By' button doesn't work in Apply Patch dialog  |
|                         | Performance | IDEA-205332 | Pre-commit code analysis stashes all roots in the multi-repo project  |
|                         | Performance | IDEA-208067 | Project leak via EditorImpl -> InlayModelImpl -> AnnotateRevisionA  |
|                         | Performance | IDEA-201408 | ChangesViewManager's tree builds itself in EDT causing performance  |
|                         | Usability   | IDEA-93999  | Don't show modal "add files to VCS" dialog when files being added a   |
|                         | Usability   | IDEA-195646 | 'Local Changes' tree shows module names instead of directory name   |
|                         | Usability   | IDEA-167403 | Shelf: focus disappears after removing one of the shelved lists   |
|                         | Usability   | IDEA-138130 | Make 'vcs changed' popup scrollable for much code   |
|                         | Usability   | IDEA-192682 | Can't drag&drop several files from 'Shelf' tool window to the 'Local C  |
|                         | Cosmetics   | IDEA-203839 | Change 'Unshelve changes' dialog button rename  |
|                         | Task        | IDEA-204766 | Unbundle TFS plugin   |
|                         | Task        | IDEA-204767 | Unbundle CVS plugin   |
|                         | Exception   | IDEA-201711 | Throwable at com.intellij.openapi.application.impl.ApplicationImpl.as   |
|                         | Exception   | IDEA-205978 | Already disposed on exit from offline inspections   |
|                         | Exception   | IDEA-180971 | java.lang.RuntimeException: java.lang.Exception: Cannot get Chang   |
| Version Control.<br>Git | Feature     | IDEA-193870 | Set GIT_OPTIONAL_LOCKS for IDE operations   |
|                         | Feature     | IDEA-116425 | Ignored files and folders should indicate that they are ignored   |
|                         | Feature     | IDEA-139940 | Force push could be made a bit safer with --force-with-lease option   |
|                         | Feature     | IDEA-190870 | Cherry-pick only some of the files from the selected commit   |
|                         | Bug         | IDEA-200432 | VCS: deleted previously generated .gitignore file will be recreated ar  |
|                         | Bug         | IDEA-200354 | unwanted .gitignore created   |
|                         | Bug         | IDEA-76760  | When a file is added to git and immediately deleted, IDEA update fai  |
|                         | Bug         | IDEA-200208 | Git: the set custom shelf location should be considered on .gitignore   |
|                         | Bug         | IDEA-204694 | IO changes: Outgoing commits are not shown when local and remot   |
|                         | Bug         | IDEA-205297 | java.lang.NullPointerException at<br>git4idea.checkin.GitCheckinHandlerFactory\$MyCheckinHandler.getSe<br>(.java:368) |
|                         | Bug         | IDEA-200486 | "This file doesn't belong to the project" warning for .gitignore file in  |
|                         | Bug         | IDEA-205777 | IO Commits: commits status is not saved after refresh time is over  |
|                         | Bug         | IDEA-200433 | VCS: gitignore not always created after new project creation  |

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|-----------------------------|-------------|-------------|--|
|                             | Bug         | IDEA-200211 | Git: if the project files are located not in the project root, but in some generated incorrectly |
|                             | Usability   | IDEA-187448 | Partial commit   "Uncheck all" button  |
|                             | Usability   | IDEA-204470 | 'Update checks failed' warning on Branches popup   |
|                             | Usability   | IDEA-201596 | Don't add unrelated entries to automatically created .gitignore file                             |
|                             | Usability   | IDEA-174119 | Git -> Add option should execute git add for all selected files                                  |
|                             | Usability   | IDEA-206134 | Unknown host question is asked N times for a single host   |
|                             | Usability   | IDEA-155587 | Git action "Checkout with Rebase" has counter-intuitive name                                     |
|                             | Cosmetics   | IDEA-203057 | Unify wordings in 'GitHub Pull Requests'   |
| Version Control. GitHub     | Feature     | IDEA-202764 | Add Open on GitHub option to annotations in diff dialog of older revisions                       |
|                             | Bug         | IDEA-206841 | GitHub pull requests: reviewers list is not sorted   |
|                             | Bug         | IDEA-201720 | Multiple Github accounts: can't clone from the accessible host while a clone is reached          |
|                             | Bug         | IDEA-203744 | "Checked Out Branch pull/xxx" popup displayed even when no branch is checked out                 |
|                             | Usability   | IDEA-200441 | Git: "Choose Github Account " dialog size is not remembered                                      |
| Version Control. Log        | Bug         | IDEA-191688 | Resume indexing operation infinite pop-up dialog   |
|                             | Bug         | IDEA-206766 | Bug in Log filtering by branch   |
|                             | Usability   | IDEA-202408 | Strange window flickers on the screen when I navigate through git log                            |
|                             | Usability   | IDEA-160441 | Better name for Log tabs & tooltips  |
|                             | Usability   | IDEA-130970 | Git Log: search for filter string both in hashes and in strings                                  |
|                             | Exception   | IDEA-200875 | NPE at com.intellij.vcs.log.ui.render.GraphCommitCellRenderer\$MyC                               |
| Version Control. Mercurial  | Bug         | IDEA-130035 | Mercurial - move refactoring bugs  |
|                             | Bug         | IDEA-203079 | Add project files to Mercurial   |
|                             | Task        | IDEA-205988 | Please get rid of dependency on javax.activation   |
|                             | Task        | IDEA-203152 | Update incoming / outgoingChangesOn icons for HG   |
| Version Control. Subversion | Bug         | IDEA-206423 | Subversion: impossible to merge file conflict using idea   |
|                             | Performance | IDEA-207024 | 100% CPU usage when working with a changelists of ~100 files                                     |
|                             | Exception   | IDEA-202460 | NFE at org.jetbrains.idea.svn.commandLine.CommandUtil.parse                                      |
| Version Control. TFS        | Bug         | IDEA-206226 | Investigate duplicate condition in org.jetbrains.tfsIntegration.tests.C                          |
|                             | Bug         | IDEA-206607 | TFS: Axis2 configuration error/ClassCastException on workspace cre                               |
|                             | Bug         | IDEA-206233 | TFS checkin not possible "Validation must be performed before check                              |
| Web Services                | Bug         | IDEA-176843 | @OnMessage inspection false positive on String/boolean pair                                      |
| XML                         | Feature     | IDEA-199839 | Support deprecation in xsd schemas   |
|                             | Bug         | IDEA-170206 | 'Collapse empty tag' intention breaks code   |
|                             | Bug         | IDEA-199694 | XML reformatting does not preserve line breaks when the comments                                 |
|                             | Bug         | IDEA-194155 | "Collapse empty tag" quickfix deletes non-empty inner tags in XML f                              |
|                             | Cosmetics   | IDEA-204273 | Outdated version of the Xerces library in org.jetbrains.intellij.build.C                         |
|                             | Exception   | IDEA-128571 | AIOOBE at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl                                  |
| i18n                        | Bug         | IDEA-179972 | Subgroups properties names changes when you select group node                                    |
|                             | Bug         | IDEA-179376 | Almost all items from refactoring menu is unavailable for Resource B                             |

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|              | Bug         | IDEA-205800 | Properties keys are not collected into PropertyKeyIndex from Proper                          |
|              | Bug         | IDEA-179977 | The properties keys names should be in full format in Resource Bunc<br>button is not pressed |
|              | Exception   | IDEA-180097 | NPE on deleting Resource Bundle  |
| No subsystem | Feature     | WEB-37472   | TypeScript 3.4: support improved type inference for unions/intersec                          |
|              | Feature     | WEB-11807   | Feature: Folder templates for new projects   |
|              | Feature     | WEB-36697   | Add support for SVG properties to W3C CSS validator  |
|              | Feature     | WEB-34725   | Angular: provide navigation and content assist for selectors in [ngCl                        |
|              | Feature     | WEB-37151   | Use proper syntax highlighting for destructured functions                                    |
|              | Feature     | WEB-29230   | HSLA (color) support in JS strings   |
|              | Bug         | WEB-37754   | Meaningless text in quickdoc for document.createElement() invoked                            |
|              | Bug         | WEB-32905   | Can't analyse webpack.config.js: coding assistance will ignore modul                         |
|              | Bug         | WEB-35483   | Invalid window order for filechooser in window "Run Gulp/Grunt/npr                           |
|              | Bug         | WEB-36877   | JavaScript projects: IDE frequently freezes when typing in the editor                        |
|              | Bug         | WEB-35729   | So called "Smart Paste" escapes valid code blocks making them inva                           |
|              | Bug         | WEB-37006   | Via quick-fix for failed tests possible to run several identical debug s<br>same place       |
|              | Bug         | WEB-37365   | Autocompletion using Typescript definitions does not work at destruc                         |
|              | Bug         | WEB-36034   | ##teamcity log messages when run mocha tests   |
|              | Bug         | WEB-36639   | New project template is only visible after the IDE restart                                   |
|              | Bug         | WEB-37751   | Poor documentation formatting for 'ary' function in lodash                                   |
|              | Bug         | WEB-36051   | JSX: no parser recovery on an opening "<"  |
|              | Bug         | WEB-37226   | Can't run Vue.js plugin project (outdated config)  |
|              | Bug         | WEB-37667   | JSX tag is not closed on typing /  |
|              | Bug         | WEB-37044   | Invalid Inspection Warning - JavaScript - Constructor Returns Primit                         |
|              | Bug         | WEB-37062   | image tag incorrectly marked as deprecated in an SVG context                                 |
|              | Bug         | WEB-36306   | Welcome frame missing Create New Project action link   |
|              | Bug         | WEB-32850   | How to apply code style base on Prettier on this project, after saying                       |
|              | Bug         | WEB-35513   | NodeJS: Importing a new project takes hours (when node_modules                               |
|              | Bug         | WEB-36646   | Please add "parallelize" to the default dictionary   |
|              | Bug         | WEB-36757   | Quick Documentation: link to the external doc page is hidden after t                         |
|              | Performance | WEB-35491   | Webstorm process uses up to 500% CPU   |
|              | Usability   | WEB-36592   | Quick Documentation tooltip shown on mouse move doesn't include                              |
|              | Usability   | WEB-37387   | 'Ternary to if' and 'Split declaration/initializer' should be available on                   |
|              | Usability   | WEB-37649   | Angular: not possible to overtype auto-inserted pair braces in interp                        |
|              | Usability   | WEB-36796   | Save as project template: use notification instead of modal dialog                           |
|              | Cosmetics   | WEB-37438   | 'Change color' alt+enter menu item is misaligned   |
| Build tools  | Feature     | WEB-36867   | Use interactive console for npm scripts run tool window                                      |
| CSS          | Feature     | WEB-30004   | Stylelint: allow linting CSS/PostCSS files with custom extensions                            |
|              | Feature     | WEB-36035   | Extract CSS variable refactoring   |

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|          | Feature   | WEB-96    | Allow browser selection for CSS validation   |
|          | Feature   | WEB-21378 | color preview for css custom properties  |
|          | Feature   | WEB-36260 | In stylesheet linked to Angular template, provide completion for clas  |
|          | Feature   | WEB-37256 | Instant image preview of encoded SVG data  |
|          | Feature   | WEB-28203 | CSS Modules: import class with hyphen as camelCase   |
|          | Feature   | WEB-30704 | @apply is deprecated and only supported by PostCSS, use more leni  |
|          | Bug       | WEB-37249 | CSS inspection for 'appearance' property   |
|          | Bug       | WEB-37312 | CSS: 'Browser compatibility (properties)' inspection: "no MDN comp; properties with the appropriate data available |
|          | Bug       | WEB-35011 | Sort CSS properties: correctly move the end of line comment togeth   |
|          | Bug       | WEB-37014 | Typo in allowed property values for css overflow property  |
|          | Bug       | WEB-36942 | Sort CSS properties (aka Rearrange) in SCSS files doesn't work insic   |
|          | Bug       | WEB-27632 | Bad scope for CSS resolution in Angular Templates  |
|          | Bug       | WEB-37292 | CSS: Extract variable: do not allow to invoke refactoring over the va  |
|          | Bug       | WEB-37524 | Hyphen css class renaming doesn't work   |
|          | Bug       | WEB-37332 | css attribute place-items has no supported values  |
|          | Task      | WEB-37628 | Support 'CSS Overscroll Behavior Module' CSS spec  |
|          | Task      | WEB-37622 | Support "Motion Path Module Level 1" CSS spec  |
|          | Exception | WEB-37372 | Extracting ruleset in JS strings produces the exception  |
|          | Exception | WEB-34320 | Locate duplicates doesn't work for css   |
| Dart     | Feature   | WEB-36421 | Feature: allow to limit the scope of the Dart Analyzer with the curren   |
|          | Feature   | WEB-23646 | Include non-imported Dart classes in code completion list and auto-i   |
|          | Bug       | WEB-36954 | Dart plugin incorrectly prevents editing excluded files  |
|          | Bug       | WEB-17258 | Dart SDK is not configured after updating Dart   |
|          | Usability | WEB-37176 | when launching a Dart web app, delay launching until wevdev is rea   |
| Debugger | Feature   | WEB-12349 | Debugger console: support string substitutions/output styling  |
|          | Feature   | WEB-27977 | Debugger console: use special colors for `console.info()` and `cons  |
|          | Feature   | WEB-37309 | Console message filtering  |
|          | Feature   | WEB-35737 | npm script debugging not supported without \$NODE_DEBUG_OPTIO  |
|          | Bug       | WEB-36666 | 'Collecting data' for all variables after input in console   |
|          | Bug       | WEB-36660 | Debugger: empty library file is opened   |
|          | Bug       | WEB-37397 | Syntax error in Debug when try to "evaluate" arrow function expresi  |
|          | Bug       | WEB-36526 | When evaluate in console an object with many properties, some of t   |
|          | Bug       | WEB-34213 | javascript debug insists on using Chrome Canary, rather than my rel  |
|          | Bug       | WEB-37354 | Can't evaluate objects created in console  |
|          | Bug       | WEB-36462 | Background is blinking in debugger console   |
|          | Bug       | WEB-37144 | Breakpoint already exist error after disabling suspend for existing br   |
|          | Bug       | WEB-36953 | Throwable when rerunning tests   |
|          | Bug       | WEB-36095 | WinpException when stop Node.js run/debug configuration on Windc   |
|          | Bug       | WEB-37352 | Fonts in js debug console should be the same as in editor  |

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|-----------|---------------------------|---|--|
| Bug       | <a href="#">WEB-37440</a> | Async stacktrace not shown in console   |  |
| Bug       | <a href="#">WEB-37018</a> | ReferenceError when trying to evaluate expression                                 |  |
| Bug       | <a href="#">WEB-37070</a> | Disabled/muted/removed breakpoints still hit in Webpack applicator                |  |
| Bug       | <a href="#">WEB-34557</a> | Debugging doesn't work for Vue+typescript when using @vue/cli 3.C                 |  |
| Bug       | <a href="#">WEB-37444</a> | Console input icon doesn't change its size while changing font size               |  |
| Bug       | <a href="#">WEB-35502</a> | Jest: debugger hits the wrong line on debug session restart                       |  |
| Usability | <a href="#">WEB-36785</a> | Show warning when specifying hostname in the "Host" field of "Attac configuration |  |
| Usability | <a href="#">WEB-36448</a> | Better presentation for stack trace in debugger console                           |  |
| Cosmetics | <a href="#">WEB-37515</a> | Icons in console are not aligned  |  |
| Cosmetics | <a href="#">WEB-37357</a> | Remove extra line in Filters popup  |  |
| Cosmetics | <a href="#">WEB-37349</a> | Move icons on the top line of output  |  |
| Task      | <a href="#">WEB-33598</a> | Customize URL for react-native  |  |
| Task      | <a href="#">WEB-37145</a> | Debugger console: groups  |  |
| Exception | <a href="#">WEB-37538</a> | RuntimeExceptionWithAttachments when debug npm script with inte                   |  |
| Exception | <a href="#">WEB-36972</a> | Assertion when debugging with temporary breakpoint                                |  |
| Exception | <a href="#">WEB-37246</a> | NoClassDefFoundError when debug via JavaScript run configuration                  |  |
| Exception | <a href="#">WEB-36460</a> | ObjectNotDisposedException when create @angular/cli project                       |  |
| Exception | <a href="#">WEB-36682</a> | UnsupportedOperationException when call 'Pause output'                            |  |
| Exception | <a href="#">WEB-37223</a> | TypeCastException when call console.group()                                       |  |
| Exception | <a href="#">WEB-36540</a> | BufferOverflowException when drag console outside IDE                             |  |
| HTML      | Feature                   | <a href="#">WEB-9469</a>  | Alphabetically sorting of attributes in html and css (inline css)            |
|           | Feature                   | <a href="#">WEB-32621</a>   | Update HTML documentation  |
|           | Feature                   | <a href="#">WEB-37374</a>   | Add "application/ld+json" to ` <code>&lt;script type&gt;</code> ` completion |
|           | Feature                   | <a href="#">WEB-34660</a>   | Navigate   Symbol should search for HTML tags by id.                         |
|           | Feature                   | <a href="#">WEB-2192</a>  | References guide in html and css   |
|           | Feature                   | <a href="#">WEB-36403</a>   | Show SVG elements only inside svg tag in HTML files                          |
|           | Feature                   | <a href="#">WEB-27624</a>   | Code inspection does not scan for deprecated HTML attributes.                |
|           | Feature                   | <a href="#">WEB-5087</a>  | Suggest more relevant tag names and remove delay                             |
|           | Feature                   | <a href="#">WEB-16881</a>   | Create inspection to look for deprecated HTML 5 tags and attributes.         |
|           | Bug                       | <a href="#">WEB-36583</a>   | Tag name editing synchronization lags with some actions                      |
|           | Bug                       | <a href="#">WEB-25857</a>   | <code>&lt;script onerror="..."&gt;</code> highlight error in .html files     |
|           | Bug                       | <a href="#">WEB-36394</a>   | scoped is marked as deprecated for style tag in vue file                     |
|           | Bug                       | <a href="#">WEB-36779</a>   | HTML Documentation: invalid symbols in the description text                  |
|           | Bug                       | <a href="#">WEB-36795</a>   | HTML docs: doc is not always available in code completion                    |
|           | Bug                       | <a href="#">WEB-23008</a>   | HTML5 documentation: "W3C website" links to old HTML4 specificati            |
|           | Bug                       | <a href="#">WEB-36179</a>   | HTML code style arrangment with order by name order does not rea             |
|           | Bug                       | <a href="#">WEB-32620</a>   | HTML documentation: remove links to SitePoint                                |
|           | Bug                       | <a href="#">WEB-36934</a>   | React-native tag is incorrectly shown as deprecated                          |
|           | Bug                       | <a href="#">WEB-35193</a>   | HTML5 Outline shows <code>&lt;td&gt;</code> elements                         |



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|            | Bug       | <a href="#">WEB-26164</a> | onload event on STYLE tag is no longer allowed in v 2017.1                 |
|            | Bug       | <a href="#">WEB-36843</a> | HTML Documentation: SVG: empty description with a dot                      |
|            | Bug       | <a href="#">WEB-37518</a> | HTML documentation shows existing tag instead of selected variant          |
|            | Bug       | <a href="#">WEB-36848</a> | html 5 boilerplate v7+ falls back to git checkout                          |
|            | Bug       | <a href="#">WEB-36794</a> | HTML docs: description for parent docs is shown when doc is invoked        |
|            | Bug       | <a href="#">WEB-34763</a> | MathML tags should not be available in the completion list outside <       |
|            | Bug       | <a href="#">WEB-26169</a> | style attribute on script corrupt  |
|            | Bug       | <a href="#">WEB-37307</a> | "Form input without an associated label" inspection should work when       |
|            | Usability | <a href="#">WEB-6322</a>  | Suppress code inspection "Form input without an associated label" when     |
| JSON       | Feature   | <a href="#">WEB-31905</a> | Semantic highlighting for JSON files                                       |
|            | Feature   | <a href="#">WEB-36467</a> | JSON: show schema conflict notification for widget, get rid of editor      |
|            | Feature   | <a href="#">WEB-37295</a> | Support non-standard deprecation attributes for JSON Schemas               |
|            | Feature   | <a href="#">WEB-36774</a> | Add eslintIgnore to package.json schema                                    |
|            | Feature   | <a href="#">WEB-36487</a> | JSON schema in yaml notation   |
|            | Feature   | <a href="#">WEB-34933</a> | Suggest schemas from schema catalogue and schema schemas in "\$"           |
|            | Bug       | <a href="#">WEB-37571</a> | json schema oneOf not validating correctly                                 |
|            | Bug       | <a href="#">WEB-37261</a> | YAML plugin show error: Validates counter 'if' branch but no 'else' branch |
|            | Bug       | <a href="#">WEB-37393</a> | If-then-else validation issue  |
|            | Bug       | <a href="#">WEB-36161</a> | JSON: Don't input value to property if it already contains some value      |
|            | Bug       | <a href="#">WEB-31887</a> | "Wrap with double quotes" without effect ("JSON standard does not          |
|            | Bug       | <a href="#">WEB-36973</a> | JSON validation doesn't allow large integer values, although it should     |
|            | Bug       | <a href="#">WEB-31900</a> | JSON: Extend Selection doesn't respect camelHump settings                  |
|            | Bug       | <a href="#">WEB-36429</a> | JSON: Don't show object/array default values in completion                 |
| JavaScript | Feature   | <a href="#">WEB-33449</a> | Intention actions and refactoring to replace code by destructuring         |
|            | Feature   | <a href="#">WEB-32703</a> | Auto-import with webpack alias: always use the shortest possible path      |
|            | Feature   | <a href="#">WEB-32473</a> | Intentions to add/remove ES6 exports                                       |
|            | Feature   | <a href="#">WEB-37007</a> | Allow initialising all fields of a class                                   |
|            | Feature   | <a href="#">WEB-36737</a> | ES6: show blacklist settings (Do not import exactly from) in UI            |
|            | Feature   | <a href="#">WEB-36339</a> | Intention to convert properties in constructor to class fields             |
|            | Feature   | <a href="#">WEB-30826</a> | TS 'Type mismatch' errors should show quickfix to update type when         |
|            | Feature   | <a href="#">WEB-36957</a> | Keyword completion for 'return' should insert whitespace/semicolon         |
|            | Feature   | <a href="#">WEB-25533</a> | No suggestions to autocomplete missing properties in Flow by expecting     |
|            | Feature   | <a href="#">WEB-36316</a> | Code completion for 'switch' cases   |
|            | Feature   | <a href="#">WEB-12157</a> | Add 'Join subsequent variable declarations' intention                      |
|            | Feature   | <a href="#">WEB-35775</a> | Support 'globalThis' ESnext proposal                                       |
|            | Feature   | <a href="#">WEB-36971</a> | ES6: add a way to disable autoimports from some modules                    |
|            | Feature   | <a href="#">WEB-36338</a> | Use file name as a suggested name for class/enum/interface                 |
|            | Bug       | <a href="#">WEB-28792</a> | Add Google Closure like destructured parameters of function in JSDoc       |
|            | Bug       | <a href="#">WEB-36011</a> | Flow 'typeof' syntax allows parens, but WebStorm doesn't                   |

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|-----|---------------------------|---|
| Bug | <a href="#">WEB-37373</a> | Add/remove ES6 exports. Wrong context detection for arrow/anonym  |
| Bug | <a href="#">WEB-37355</a> | Custom predefined libraries are unavailable in JSP files  |
| Bug | <a href="#">WEB-36750</a> | Color Scheme: Add "Semantic highlighting" option for the JavaScript   |
| Bug | <a href="#">WEB-18054</a> | CommonJS: prototype methods of re-exported module should be av.   |
| Bug | <a href="#">WEB-20459</a> | CommonJS: properties of function assigned to module.exports not re  |
| Bug | <a href="#">WEB-35454</a> | No matching brace/bracket/parenthesis highlighting when ...   |
| Bug | <a href="#">WEB-25571</a> | Unresolved types when destructuring require()   |
| Bug | <a href="#">WEB-36241</a> | 'Remove unused local variable' behaves incorrectly with array destru  |
| Bug | <a href="#">WEB-36234</a> | Process json file when it's accessed as module.exports property   |
| Bug | <a href="#">WEB-37550</a> | SystemJS autoimports should use path mappings   |
| Bug | <a href="#">WEB-33767</a> | \u not escaped when pasted into js string   |
| Bug | <a href="#">WEB-37149</a> | Destructuring can hide unused variable warnings/errors  |
| Bug | <a href="#">WEB-37148</a> | Semantic highlighting doesn't work for `let` variable assignments in  |
| Bug | <a href="#">WEB-37421</a> | 'Convert ternary to if' breaks variable initialization order  |
| Bug | <a href="#">WEB-36477</a> | Module members are not resolved when using @module + @membe   |
| Bug | <a href="#">WEB-36947</a> | "Introduce destructuring variables" introduces 'Invalid delete operati  |
| Bug | <a href="#">WEB-34225</a> | CommonJS: exported object properties not resolved when assigning `module.exports`                               |
| Bug | <a href="#">WEB-36012</a> | TypeScript/Flow arrow function return type annotation allows parens   |
| Bug | <a href="#">WEB-36854</a> | Autocompletion gets confused on properties when there are 2 same-   |
| Bug | <a href="#">WEB-18117</a> | CommonJS: module property not resolved/completed if module.expc invoked function expression                     |
| Bug | <a href="#">WEB-36872</a> | Replace with array destructuring with invalid preceding indexers  |
| Bug | <a href="#">WEB-37420</a> | Invalid Inspection Warnings - Missing semicolon / Selector matches  |
| Bug | <a href="#">WEB-36395</a> | Completion for React utility types  |
| Bug | <a href="#">WEB-37413</a> | "Can't generate code from Angular Schematics" when using WSL  |
| Bug | <a href="#">WEB-37416</a> | Add/Remove ES6 exports: "Remove export" intention: do not remov default   |
| Bug | <a href="#">WEB-35445</a> | Webpack aliases are not resolved if webpack config function is async  |
| Bug | <a href="#">WEB-34153</a> | Broken code after pasting a fragment with escaped symbols   |
| Bug | <a href="#">WEB-26037</a> | Autocompletion gets confused when imported ES6 classes have the :   |
| Bug | <a href="#">WEB-30019</a> | The IDE can't recognize some mongoose functionality   |
| Bug | <a href="#">WEB-36193</a> | Destructuring is not fully supported in control-flow analysis   |
| Bug | <a href="#">WEB-35455</a> | No intellisense when using spread operator for 'module.export'  |
| Bug | <a href="#">WEB-36870</a> | Replace with destructuring: enable for variables  |
| Bug | <a href="#">WEB-37112</a> | JSDoc return type inference inconsistency between `const` and `let` documentation and type checking inspections |
| Bug | <a href="#">WEB-37264</a> | Incorrect "Type void is not assignable to type () => void" warning  |
| Bug | <a href="#">WEB-36298</a> | Semantic highlighting doesn't work for `let` and `const` passed as  |
| Bug | <a href="#">WEB-36781</a> | 'Safe delete' is not that safe: should extract side effects   |
| Bug | <a href="#">WEB-36742</a> | Auto completion with named alias is not working correctly   |

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|--------------------------|---------------------------|---|
| Bug                      | <a href="#">WEB-30919</a> | Quick Documentation thinks that variable is tag name  |
| Bug                      | <a href="#">WEB-33097</a> | Call hierarchy action doesn't work for functional expressions                               |
| Bug                      | <a href="#">WEB-35673</a> | Extra item in Structure view if file contains @Component                                    |
| Bug                      | <a href="#">WEB-36879</a> | Static member is not accessible for invocation with assignment unde                         |
| Bug                      | <a href="#">WEB-35742</a> | Documentation popup: missing spaces between links to definitions                            |
| Bug                      | <a href="#">WEB-37211</a> | Find usages doesn't work with node.js require()   |
| Bug                      | <a href="#">WEB-31053</a> | Fields in ES6 class lose their accessor level on re-assignment                              |
| Bug                      | <a href="#">WEB-36873</a> | Introduce new array destructuring doesn't work when invoked inside                          |
| Bug                      | <a href="#">WEB-35892</a> | Symbols from CommonJS module are not resolved when ternary ope                              |
| Bug                      | <a href="#">WEB-32587</a> | JSDoc: support typescript "export as namespace" modules                                     |
| Bug                      | <a href="#">WEB-36875</a> | Introduce object destructuring doesn't work within template strings                         |
| Bug                      | <a href="#">WEB-36900</a> | 'Introduce destructuring variables' wrongly shown   |
| Bug                      | <a href="#">WEB-36821</a> | CommonJS: exported Promise not recognized   |
| Bug                      | <a href="#">WEB-37642</a> | Flow integration super slow on flow 0.92.1  |
| Bug                      | <a href="#">WEB-37736</a> | Flow process is not finished when close IDE   |
| Bug                      | <a href="#">WEB-37324</a> | Parameter hints popup menu is always invoked for the base languag<br>TypeScript as a result |
| Bug                      | <a href="#">WEB-36902</a> | Introduce destructuring variable: doesn't work for static fields                            |
| Bug                      | <a href="#">WEB-32941</a> | Unresolved variable Node  |
| Bug                      | <a href="#">WEB-36598</a> | Types from 'prop-types' are not resolved  |
| Bug                      | <a href="#">WEB-37563</a> | Can't type semicolon sign in the color string   |
| Bug                      | <a href="#">WEB-37297</a> | Syntax error: A term expected   |
| Bug                      | <a href="#">WEB-36935</a> | Deconstructing intentions: Better processing of non-integers (shouldn<br>(shouldn't die)    |
| Bug                      | <a href="#">WEB-16947</a> | CommonJS: prototype methods of exported function not resolved                               |
| Bug                      | <a href="#">WEB-37258</a> | Import is marked as Unused if more than one import path is resolve                          |
| Bug                      | <a href="#">WEB-28276</a> | Renamed default import causes problems when importing commonjs                              |
| Bug                      | <a href="#">WEB-37277</a> | No completion provided when using default export in iife format                             |
| Bug                      | <a href="#">WEB-37516</a> | Javascript classes are not identified correctly when declared with uni                      |
| Bug                      | <a href="#">WEB-36041</a> | Some refactor actions should not be available for throw expressions                         |
| Usability                | <a href="#">WEB-36422</a> | Do not show index.d.ts file name for items in completion popup                              |
| Usability                | <a href="#">WEB-35652</a> | Accelerators in JavaScript run/debug configuration  |
| Usability                | <a href="#">WEB-35838</a> | 'new Javascript file' attaches .js extension after .mjs                                     |
| Cosmetics                | <a href="#">WEB-36414</a> | Update icons used in completion for methods that could be overrider                         |
| Cosmetics                | <a href="#">WEB-36186</a> | "Must be lvalue" instead of "ReferenceError: invalid assignment left-                       |
| Exception                | <a href="#">WEB-37331</a> | Flow: LSP: Server crashing on Windows   |
| Exception                | <a href="#">WEB-37608</a> | NoClassDefFoundError: jdk/nashorn/internal/runtime/NumberToStri                             |
| Exception                | <a href="#">WEB-37026</a> | Quick Doc: IllegalArgumentException on invocation documentation v                           |
| Exception                | <a href="#">WEB-36918</a> | PsiInvalidElementAccessException when call 'Introduce destructuring                         |
| JavaScript.<br>Formatter | <a href="#">WEB-7316</a>  | Feature: Code Style: JS: space before and after unary negate operai                         |

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|---------------------------|---------------------------|--|--|
|                           | Bug                       | <a href="#">WEB-37232</a>  | Red error highlights in JS code style preview  |
|                           | Bug                       | <a href="#">WEB-35831</a>  | JSX Body tag wrong indentation   |
| JavaScript.<br>Frameworks | Feature                   | <a href="#">WEB-23865</a>  | Angular2 Class binding [class.special]="isSpecial"                                     |
|                           | Feature                   | <a href="#">WEB-37056</a>  | Angular - context aware code completion for pipes                                      |
|                           | Feature                   | <a href="#">WEB-37363</a>  | Angular: incorrect type of bindings of directives with generics                        |
|                           | Feature                   | <a href="#">WEB-35683</a>  | Angular: disable Angular language services   |
|                           | Feature                   | <a href="#">WEB-36071</a>  | Angular - provide completion for attribute bindings                                    |
|                           | Feature                   | <a href="#">WEB-35435</a>  | Improve handling of Angular entities   |
|                           | Feature                   | <a href="#">WEB-36150</a>  | Angular - inspect type of expressions result   |
|                           | Feature                   | <a href="#">WEB-32278</a>  | Option to not self-close JSX tags when autocompleting                                  |
|                           | Feature                   | <a href="#">WEB-36662</a>  | Support canonical attribute names completion   |
|                           | Feature                   | <a href="#">WEB-37243</a>  | Angular - provide auto-import of NgModules during code completion                      |
|                           | Feature                   | <a href="#">WEB-37063</a>  | Angular - inspect type in template bindings  |
|                           | Feature                   | <a href="#">WEB-37057</a>  | Angular - provide quick fix to auto-import NgModule                                    |
|                           | Feature                   | <a href="#">WEB-37284</a>  | Angular - list module as component's related symbol                                    |
|                           | Feature                   | <a href="#">WEB-33517</a>  | Support React 'defaultProps' + ensure compatibility with TS 3.0 'pro                   |
|                           | Bug                       | <a href="#">WEB-36790</a>  | Angular (version 7) intellisense not working with symlinks                             |
|                           | Bug                       | <a href="#">WEB-37275</a>  | React + Typescript: broken completion for functional component (Re                     |
|                           | Bug                       | <a href="#">WEB-31288</a>  | Editor > Code Style > HTML "Add for JSX attributes": None Doesn't '                    |
|                           | Bug                       | <a href="#">WEB-37318</a>  | Angular: syntax issues with xml entity references                                      |
|                           | Bug                       | <a href="#">WEB-36817</a>  | Completion for 'native' event modifier in Vue.js                                       |
|                           | Bug                       | <a href="#">WEB-36089</a>  | ng-template is listed twice in the completion list                                     |
|                           | Bug                       | <a href="#">WEB-32279</a>  | Support propTypes defined using static getter  |
|                           | Bug                       | <a href="#">WEB-34475</a>  | Angular Dependency and Angular Schematics actions should not be i<br>the project view  |
|                           | Bug                       | <a href="#">WEB-31058</a>  | Incorrect warning: Element XYZ doesn't have required attribute child                   |
|                           | Bug                       | <a href="#">WEB-37396</a>  | Exception when invoking 'Replace with template string' action in the                   |
|                           | Bug                       | <a href="#">WEB-37791</a>  | Angular structural directive without argument disables styling                         |
|                           | Bug                       | <a href="#">WEB-37540</a>  | Angular: auto close opened curly brackets automatically                                |
|                           | Bug                       | <a href="#">WEB-37283</a>  | Angular: false positive 'Type string is not assignable to type String("'<br>expression |
|                           | Bug                       | <a href="#">WEB-37509</a>  | Emmet expansion in JSX templates generates Quotes for event hanc                       |
|                           | Bug                       | <a href="#">WEB-37279</a>  | Declaration is not included in any module inspection doesn't work co<br>project        |
|                           | Bug                       | <a href="#">WEB-34133</a>  | Usages of component prefixed with underscore are not found                             |
|                           | Bug                       | <a href="#">WEB-36295</a>  | Angular templates: improve completion suggestions after typing '*'                     |
|                           | Bug                       | <a href="#">WEB-36856</a>  | Go to definition for some Ionic components takes you to metadata                       |
| Bug                       | <a href="#">WEB-37589</a> | Some build-in angular modules are marked as not Angular modules        |  |
| Bug                       | <a href="#">WEB-35197</a> | Angular: CSS selector marked as unused if it's used in [ngClass]       |  |
| Bug                       | <a href="#">WEB-37588</a> | [TypeScript][React] Component requires props from a Component c        |  |
| Bug                       | <a href="#">WEB-21457</a> | Angular2: path in templateUrl changes to path relative to current file |  |

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| Bug                        | <a href="#">WEB-37647</a> | "Must be lvalue" in angular template with non-null assertion                           |  |
| Bug                        | <a href="#">WEB-37797</a> | Angular: incorrect text coloring if char entities are used.                            |  |
| Bug                        | <a href="#">WEB-30180</a> | New component tag should not always auto complete to self closing                      |  |
| Bug                        | <a href="#">WEB-36386</a> | slot-scope not recognized  |  |
| Bug                        | <a href="#">WEB-35684</a> | Angular: ensure Angular support is stub safe   |  |
| Bug                        | <a href="#">WEB-37054</a> | Angular - take NgModule structure into account when resolving pipes                    |  |
| Bug                        | <a href="#">WEB-37798</a> | Angular: generic members of parent class not resolved correctly in t                   |  |
| Bug                        | <a href="#">WEB-37276</a> | False positive 'Expression result type' inspection for trackBy function                |  |
| Bug                        | <a href="#">WEB-37644</a> | Angular expression comments are incorrectly lexed                                      |  |
| Bug                        | <a href="#">WEB-36652</a> | Enable auto imports for JavaScript symbols in .vue files                               |  |
| Bug                        | <a href="#">WEB-37737</a> | Angular: issues if dot-prefixed templateUrl is relative to base path                   |  |
| Bug                        | <a href="#">WEB-22063</a> | No completion for props merged with ES6 spread operator                                |  |
| Bug                        | <a href="#">WEB-34821</a> | No inspection for undefined symbols in pipe expressions.                               |  |
| Bug                        | <a href="#">WEB-37348</a> | Angular: false positive ambiguous component problem in index.html                      |  |
| Bug                        | <a href="#">WEB-37320</a> | Angular: binding to an @Input that is a method gives a warning                         |  |
| Bug                        | <a href="#">WEB-37132</a> | Angular: CSS selectors from component local stylesheets are marked                     |  |
| Bug                        | <a href="#">WEB-37520</a> | Angular: Wrong case in autocomplete  |  |
| Bug                        | <a href="#">WEB-36002</a> | WebStorm doesn't recognize (focusin) or (focusout) event bindings i                    |  |
| Bug                        | <a href="#">WEB-37693</a> | Angular: Inspection "Component or directive matching ... out of the ModuleAndProviders |  |
| Bug                        | <a href="#">WEB-36114</a> | React components created with ref forwarding are not suggested in c                    |  |
| Bug                        | <a href="#">WEB-37278</a> | False positive 'Declaration membership in NgModule' inspection when                    |  |
| Bug                        | <a href="#">WEB-35820</a> | Issue with spellchecking an expression with & and ;                                    |  |
| Bug                        | <a href="#">WEB-37660</a> | JSX: propTypes don't work with spread if they are defined using liter                  |  |
| Bug                        | <a href="#">WEB-37603</a> | Ionic 4 components are reported as undefined tags                                      |  |
| Bug                        | <a href="#">WEB-37058</a> | Angular - support standard attribute to property mappings                              |  |
| Bug                        | <a href="#">WEB-37384</a> | Angular Material error - "More than one component matched on this                      |  |
| Bug                        | <a href="#">WEB-37637</a> | `Type` is missing in the completion list   |  |
| Bug                        | <a href="#">WEB-37879</a> | Angular: \$event type is wrong in (ngModelChange)                                      |  |
| Usability                  | <a href="#">WEB-37414</a> | Angular. Template. Autocomplete inserts [class.] instead of class attrib               |  |
| Task                       | <a href="#">WEB-26592</a> | Angular: Improve suppression inside component's templates                              |  |
| Exception                  | <a href="#">WEB-36170</a> | Exception is thrown when removing reference in angular tempate                         |  |
| JavaScript.<br>Inspections | Feature                   | <a href="#">WEB-36124</a>  | Enable and improve JS inspections "Pointless bitwise expression", "S constant" and "Incompatible bitwise mask operation" |
|                            | Feature                   | <a href="#">WEB-36319</a>  | More inspections related to 'switch' statements  |
|                            | Feature                   | <a href="#">WEB-36805</a>  | Inspection and quick fix to move a variable closer to its usage joinin   |
|                            | Feature                   | <a href="#">WEB-36229</a>  | Add Inspection for missing switch statement cases  |
|                            | Bug                       | <a href="#">WEB-37025</a>  | "Condition is always true" inspection for THE standard "is this an obj   |
|                            | Bug                       | <a href="#">WEB-36969</a>  | Function exit points highlighting: highlight 'yield' in generators, bette  |
|                            | Bug                       | <a href="#">WEB-18936</a>  | ES6/7 class declaration with getter/setter and default value causes "  |

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|                            | Bug       | <a href="#">WEB-36236</a> | Suppressing several inspections for one line adds comments in sever       |
|                            | Bug       | <a href="#">WEB-36945</a> | Don't highlight unreachable 'switch' labels in case of non-strict litera  |
|                            | Bug       | <a href="#">WEB-36832</a> | Quick fix for 'no default branch in switch statement' is not displayed    |
|                            | Bug       | <a href="#">WEB-36920</a> | Unused variables inspection/fix behave incorrectly with destructuring     |
|                            | Bug       | <a href="#">WEB-34810</a> | False positive "unused function" with <a href="javascript:func            |
|                            | Bug       | <a href="#">WEB-37347</a> | False positive "Reports pointless bitwise expressions" inspection         |
|                            | Bug       | <a href="#">WEB-36452</a> | "Condition is always true" false positive for result of local arrow func  |
|                            | Bug       | <a href="#">WEB-32220</a> | Not relevant quick-fixes for the missing import statement inspection      |
|                            | Bug       | <a href="#">WEB-37097</a> | inline suggestion of a const variable -> changes outcome                  |
|                            | Bug       | <a href="#">WEB-29577</a> | Good code yellow: Local variable is redundant when restoring origin       |
|                            | Bug       | <a href="#">WEB-36979</a> | Destructuring intention actions shouldn't be available on type annota     |
|                            | Bug       | <a href="#">WEB-36970</a> | False positive 'Expression type does not have [Symbol.iterator]' for '    |
|                            | Bug       | <a href="#">WEB-35461</a> | Inspections: "Missing required 'alt' attribute" gives false positive in t |
|                            | Bug       | <a href="#">WEB-34239</a> | Not possible to suppress inspection in class decorator                    |
|                            | Bug       | <a href="#">WEB-36304</a> | False positive: 'arguments' not allowed                                   |
|                            | Cosmetics | <a href="#">WEB-37186</a> | 'Replace Switch With If' intention has a similar inspection               |
|                            | Cosmetics | <a href="#">WEB-36967</a> | Typos error in Settings Editor Inspections JavaScript, missed a spa       |
|                            | Cosmetics | <a href="#">WEB-37011</a> | Inspections: JS: clean up descriptions                                    |
|                            | Task      | <a href="#">WEB-35027</a> | TypeScript / Javascript nullability: further improvements                 |
| JavaScript.<br>Refactoring | Feature   | <a href="#">WEB-33422</a> | Destructuring should be used where possible ('Convert parameters t        |
|                            | Feature   | <a href="#">WEB-34162</a> | Add an intention action to quote/unquote object literal properties        |
|                            | Feature   | <a href="#">WEB-36724</a> | Add intention to convert between indexed and dotted object notatio        |
|                            | Feature   | <a href="#">WEB-22569</a> | ES6 convert var to let/const inspection/intention: support destructur     |
|                            | Feature   | <a href="#">WEB-26313</a> | ES6 refactorings: convert promises to async/await                         |
|                            | Bug       | <a href="#">WEB-37064</a> | Don't show 'Convert parameters to object' for callback function           |
|                            | Bug       | <a href="#">WEB-36898</a> | Intention to split variable declaration and initializer incorrectly proce |
|                            | Bug       | <a href="#">WEB-16853</a> | Incorrect brace insertion   |
|                            | Bug       | <a href="#">WEB-36912</a> | Convert between indexed and dotted object notations: should have l        |
|                            | Bug       | <a href="#">WEB-37313</a> | 'Safe delete' for variables doesn't check for usages anymore              |
|                            | Bug       | <a href="#">WEB-37131</a> | Intentions: preserve arguments names with the "Convert to async fu        |
|                            | Bug       | <a href="#">WEB-34947</a> | "Extract method" refactoring may create method, which doesn't retu        |
|                            | Bug       | <a href="#">WEB-37160</a> | Intentions: finally statement is lost after the "Convert to async funct   |
|                            | Bug       | <a href="#">WEB-35588</a> | 'Convert to field holding arrow function' removes decorators from cla     |
|                            | Bug       | <a href="#">WEB-37228</a> | Intentions: "Convert to async function": comments in the code block       |
|                            | Bug       | <a href="#">WEB-37227</a> | Intentions: "Convert to async function": equal constructions are con      |
|                            | Bug       | <a href="#">WEB-37207</a> | Convert to hex/decimal/binary/octal is giving wrong results               |
|                            | Bug       | <a href="#">WEB-36088</a> | On Refactoring - multiple imports are added                               |
|                            | Bug       | <a href="#">WEB-37239</a> | Intentions: "Convert to async function": correctly convert the anony      |
|                            | Bug       | <a href="#">WEB-36358</a> | Split OR'ed if produces corrupt output                                    |

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| Bug                   | <a href="#">WEB-37163</a> | AssertionError: Could not parse TS type from '*[]' when call 'Change   |
| Bug                   | <a href="#">WEB-28356</a> | Extract method refactoring is not performed when semicolon is not s  |
| Bug                   | <a href="#">WEB-37081</a> | Use 'const' for the introduced destructuring by default  |
| Bug                   | <a href="#">WEB-37254</a> | Replace with indexer access: introduces red code in case of generics   |
| Bug                   | <a href="#">WEB-37328</a> | 'Convert to async function': properly handle same-call then-catch  |
| Bug                   | <a href="#">WEB-37310</a> | 'Convert parameters to object' shouldn't be available if one of the pa   |
| Bug                   | <a href="#">WEB-37270</a> | Introduce array destructuring: java.lang.RuntimeException: Docume  |
| Bug                   | <a href="#">WEB-37170</a> | Remove actions ( 'Introduce local variable' and 'Introduce object des expressions                                      |
| Bug                   | <a href="#">WEB-36892</a> | 'Convert to let/const' breaks code when called in For loop   |
| Bug                   | <a href="#">WEB-36725</a> | Converting to named function creates unnecessary public modifier   |
| Bug                   | <a href="#">WEB-33970</a> | False positive 'Cannot extract code with conditional return' in extract  |
| Bug                   | <a href="#">WEB-36891</a> | Improve 'Join variable declaration and assignment' for loops   |
| Bug                   | <a href="#">WEB-37311</a> | 'Convert parameters to object and introduce interface' should be ava 'this'-type, and should extract generic interface |
| Bug                   | <a href="#">WEB-36136</a> | "Extract variable" refactoring may produce incorrect code if spread o  |
| Bug                   | <a href="#">WEB-37164</a> | 'Change signature' is not available inside .vue files when return type   |
| Bug                   | <a href="#">WEB-36622</a> | Wrong default import when using Move refactoring for React compor  |
| Bug                   | <a href="#">WEB-37205</a> | Convert to async function refactoring loses generic parameter  |
| Bug                   | <a href="#">WEB-37401</a> | 'Convert to async function' produces broken code if no semicolons se   |
| Bug                   | <a href="#">WEB-35909</a> | Inline Function: (Typescript) nested "return" statement of inner anoi  |
| Bug                   | <a href="#">WEB-37121</a> | 'Extract type alias' should add an extra type parameter for 'this'   |
| Bug                   | <a href="#">WEB-33350</a> | Fix focus in 'Change signature' dialog when shown from quick fix   |
| Bug                   | <a href="#">WEB-36799</a> | 'Extract function' should work when selection contains local functions   |
| Bug                   | <a href="#">WEB-37280</a> | JS 'Extract method' produces extra newlines when selection contains  |
| Bug                   | <a href="#">WEB-36633</a> | Webstorm goes unresponsive when trying to extract a variable using   |
| Bug                   | <a href="#">WEB-36630</a> | Typescript extract parameter in arrow function doesn't affect call site  |
| Bug                   | <a href="#">WEB-36814</a> | 'Split into declaration and initialization' produces incorrect code  |
| Bug                   | <a href="#">WEB-36847</a> | Extract method may produce incorrect code when nested function is  |
| Bug                   | <a href="#">WEB-37301</a> | 'Replace with destructuring' intention places variables after the prec same list                                       |
| Usability             | <a href="#">WEB-37204</a> | Simplify parenthesized expressions when doing extract-refactorings   |
| Task                  | <a href="#">WEB-37188</a> | Better UX for 'generate delegating methods' dialog   |
| Exception             | <a href="#">WEB-37158</a> | Intentions: java.lang.Exception is thrown for the "Convert to async f  |
| Exception             | <a href="#">WEB-37077</a> | Exception on 'introduce object destructuring'  |
| JavaScript. Templates | Feature                   | <a href="#">WEB-10883</a> Mustache Plugin: Add Support for Inheritance   |
| LESS                  | Feature                   | <a href="#">WEB-31443</a> Support less 3.0 features  |
|                       | Bug                       | <a href="#">WEB-34549</a> Less function each   |
|                       | Bug                       | <a href="#">WEB-24644</a> less-file report an error on using the literal sign '~'                                      |
|                       | Bug                       | <a href="#">WEB-5649</a> LESS CSS: variables with variable name are not correctly resolved                             |

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|         | Bug       | <a href="#">WEB-36397</a> | Char is missing when renaming variable variable in less   |
|         | Bug       | <a href="#">WEB-35947</a> | Tilda-escaped import is shown as error in Less  |
| Linters | Feature   | <a href="#">WEB-36890</a> | TSLint: Replace 'Lint JavaScript Files' checkbox with detection based   |
|         | Feature   | <a href="#">WEB-35990</a> | ESLint: Use the runtime config(cliEngine.getConfigForFile) to detect  |
|         | Feature   | <a href="#">WEB-36988</a> | Support @typescript-eslint for automatically linting .ts files using int  |
|         | Feature   | <a href="#">WEB-30614</a> | Stylelint support should allow inspection of JS files   |
|         | Bug       | <a href="#">WEB-37120</a> | TSLint Schema for "whitespace" not up to date   |
|         | Bug       | <a href="#">WEB-37143</a> | Missing support for ESLint globals new syntax   |
|         | Bug       | <a href="#">WEB-37383</a> | Wrong highlighting with typescript-tslint-plugin and whitespace-chec  |
|         | Bug       | <a href="#">WEB-37656</a> | eslint.additional.file.extensions registry option should trim space   |
|         | Bug       | <a href="#">WEB-36889</a> | ESLint: doesn't work if there is no dependency to it in package.json enabled  |
|         | Bug       | <a href="#">WEB-36806</a> | 'Detect package and configuration file' in linters doesn't unselect cus   |
|         | Bug       | <a href="#">WEB-37761</a> | Unexpected Language service response - eslint with ts files (vue-par  |
|         | Bug       | <a href="#">WEB-37528</a> | typescript-tslint-plugin: invoking 'fix all errors' in vue file breaks cod  |
|         | Bug       | <a href="#">WEB-37378</a> | typescript-tslint-plugin highlights wrong ranges for semicolons rule  |
|         | Bug       | <a href="#">WEB-37116</a> | ESLint depends on location of first linted file   |
|         | Bug       | <a href="#">WEB-37178</a> | Provide quick fixes when running TSLint with typescript-tslint-plugin   |
|         |           | Cosmetics                 | <a href="#">WEB-37027</a>   |
|         | Exception | <a href="#">WEB-36681</a> | NullPointerException when open file in create-react template project  |
| Node.js | Feature   | <a href="#">WEB-37534</a> | Docker compose: support Debug mode when "JavaScript file" field is  |
|         | Feature   | <a href="#">WEB-36167</a> | [NodeJS] missing field in packageJsonSchema.json  |
|         | Feature   | <a href="#">WEB-37123</a> | Offer the dev an auto-complete list of the environment variables def configuration. when process.env is entered in a statement. |
|         | Feature   | <a href="#">WEB-12988</a> | Basic Node JS template  |
|         | Feature   | <a href="#">WEB-22231</a> | Feature Request: Semver tooltip hinting   |
|         | Feature   | <a href="#">WEB-35765</a> | Navigation and resolve for npm script names   |
|         | Feature   | <a href="#">WEB-35072</a> | ESLint on WSL not work when mount point '/mnt/c' is changed to ot   |
|         | Bug       | <a href="#">WEB-36650</a> | Go to definition for package name in package.json doesn't open moc  |
|         | Bug       | <a href="#">WEB-37308</a> | Navigate and resolve to script files  |
|         | Bug       | <a href="#">WEB-36987</a> | Highlight __filename & __dirname as local   |
|         | Bug       | <a href="#">WEB-36819</a> | Open in browser is suggested for 'url' and 'repository' keys in packag  |
|         | Bug       | <a href="#">WEB-36921</a> | A window pops up when stopping a run task on windows  |
|         | Bug       | <a href="#">WEB-36645</a> | Use 'bin' property from package.json to run npm/yarn  |
|         | Bug       | <a href="#">WEB-36753</a> | 'yarn install' from package.json quickfix / not installed dependencies directories  |
|         | Bug       | <a href="#">WEB-30960</a> | Change alignment in 'Package manager' field   |
|         | Usability | <a href="#">WEB-36831</a> | Do not pre-configure working directory in Node.js run configuration i   |
|         | Usability | <a href="#">WEB-35968</a> | Settings update npm packages gives no indication of activity  |
|         | Usability | <a href="#">WEB-36855</a> | NPM Upgrade via IDE allows multiselect but upgrade only updates la  |
|         | Exception | <a href="#">WEB-37707</a> | package.json: Semver check produces Throwable   |



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|---------------|---------------------------|--|--|
| Pug (ex-Jade) | Feature                   | <a href="#">WEB-7901</a>   | JADE: add breadcrumbs bar showcasing the nested elements like HT                           |
|               | Feature                   | <a href="#">WEB-15349</a>  | Allow multi-line property lists to be indented   |
|               | Bug                       | <a href="#">WEB-36968</a>  | Pug: accepting completion for doctype removes a preceding space                            |
|               | Bug                       | <a href="#">WEB-32306</a>  | Arrow functions are not supported in the script tag in Pug                                 |
|               | Bug                       | <a href="#">WEB-35735</a>  | Pug: no tags completion in block section   |
|               | Bug                       | <a href="#">WEB-22432</a>  | Support ES2015 syntax in Jade/Pug unbuffered code  |
|               | Bug                       | <a href="#">WEB-22802</a>  | Pug: support ES6 template strings  |
|               | Bug                       | <a href="#">WEB-14174</a>  | Jade: Completion: replace obsolete value '5' with actual 'html'                            |
|               | Bug                       | <a href="#">WEB-19541</a>  | Jade string formatting incorrect if /n is present  |
|               | Bug                       | <a href="#">WEB-19320</a>  | Highlighting breaks for ES6/2015 tagged strings  |
| SASS          | Feature                   | <a href="#">WEB-34910</a>  | Sort CSS properties (aka Rearrange) in SCSS files  |
|               | Feature                   | <a href="#">WEB-6015</a>   | Add color preview box in the left gutter for variable (containing some its definition)     |
|               | Bug                       | <a href="#">WEB-36991</a>  | Sort CSS properties (aka Rearrange) doesn't properly sort nested pr                        |
| TypeScript    | Feature                   | <a href="#">WEB-37051</a>  | Support TypeScript 3.4 readonly array/tuple types  |
|               | Feature                   | <a href="#">WEB-36292</a>  | Use capitalised variable name as placeholder for the extracted type c                      |
|               | Feature                   | <a href="#">WEB-36444</a>  | Support TypeScript 3.3 merged signatures   |
|               | Feature                   | <a href="#">WEB-26429</a>  | Generate -> Delegate Methods for ES6/TypeScript  |
|               | Feature                   | <a href="#">WEB-37445</a>  | Update bundled TypeScript to 3.3   |
|               | Feature                   | <a href="#">WEB-33130</a>  | Vue.js: use ts service for vue files   |
|               | Feature                   | <a href="#">WEB-36375</a>  | Add new intention to wrap the return type of async method to a glob                        |
|               | Feature                   | <a href="#">WEB-35004</a>  | Can 'Compile' action on .ts file trigger compilation on nearest config:                    |
|               | Feature                   | <a href="#">WEB-35849</a>  | TypeScript: add explicit action to restart service   |
|               | Feature                   | <a href="#">WEB-37122</a>  | An extra intention action to convert parameters to object + extract i                      |
|               | Feature                   | <a href="#">WEB-36981</a>  | TypeScript: add quick fixes for adding library in tsconfig.json                            |
|               | Feature                   | <a href="#">WEB-36291</a>  | Make Extract TypeScript interface available for a variable holding the                     |
|               | Feature                   | <a href="#">WEB-37105</a>  | Support TypeScript 3.4 contextual type inference from generic return                       |
|               | Bug                       | <a href="#">WEB-37507</a>  | 'Redundant local variable' inspection is spurious when the variable a                      |
|               | Bug                       | <a href="#">WEB-36334</a>  | No type keyword completion in extended class generic arguments                             |
|               | Bug                       | <a href="#">WEB-36195</a>  | Incorrect Typescript intention: "make private" on lambda                                   |
|               | Bug                       | <a href="#">WEB-36317</a>  | 'Specify type explicitly' doesn't work for function/lambda expressions: union return types |
|               | Bug                       | <a href="#">WEB-36949</a>  | Expression Result Type inspection - wrong on Component bindings                            |
|               | Bug                       | <a href="#">WEB-37125</a>  | TypeScript: Create Field on enum adds 'public' keyword If 'use publi                       |
|               | Bug                       | <a href="#">WEB-36177</a>  | `constructor` not detected as used when only used with `this`                              |
|               | Bug                       | <a href="#">WEB-35862</a>  | 'Extract interface' refactoring should better handle implicitly referenc                   |
|               | Bug                       | <a href="#">WEB-36731</a>  | "Introduce destructuring variable" intention. Read/write usages                            |
|               | Bug                       | <a href="#">WEB-37602</a>  | Type guards: cannot resolve narrowed type methods because of inva                          |
|               | Bug                       | <a href="#">WEB-37345</a>  | Better cycle protection for aliases  |
| Bug           | <a href="#">WEB-33073</a> | Go to super class action doesn't work inside objects for implementec |  |

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|-----|---------------------------|---|
| Bug | <a href="#">WEB-29618</a> | Support partial matching of union signatures  |
| Bug | <a href="#">WEB-36511</a> | Variables with construct signatures from libraries not shown in comp libs with same interface |
| Bug | <a href="#">WEB-37552</a> | tsserver crashes with assertion on TS side on removing script tag in                          |
| Bug | <a href="#">WEB-37494</a> | Circular imports  |
| Bug | <a href="#">WEB-27886</a> | Unused import inspection doesn't work when the path is invalid                                |
| Bug | <a href="#">WEB-36587</a> | Cannot parse parenthesized object literal with union type inside func                         |
| Bug | <a href="#">WEB-9526</a>  | Typescript: Extract method should work for selected block inside swi                          |
| Bug | <a href="#">WEB-37410</a> | Type aliases should be in the completion list for implementing                                |
| Bug | <a href="#">WEB-37386</a> | Popup menu for parameter hints does nothing in case of TypeScript                             |
| Bug | <a href="#">WEB-35879</a> | idea can't display some func as func color in typescript                                      |
| Bug | <a href="#">WEB-36829</a> | False positive 'Item is not redundant' when assigning to typed variat                         |
| Bug | <a href="#">WEB-35202</a> | TypeScript: No auto-import and completion of exported variables fro                           |
| Bug | <a href="#">WEB-37663</a> | TypeScript: wrap fixes aren't available if ts service is on                                   |
| Bug | <a href="#">WEB-36726</a> | "Introduce destructuring variable" intention should have better avail                         |
| Bug | <a href="#">WEB-29249</a> | TypeScript. Incorrect import after moving files from mapping path                             |
| Bug | <a href="#">WEB-37429</a> | Type guard is not evaluated for 'switch (typeof x)'   |
| Bug | <a href="#">WEB-37028</a> | TypeScript: if "lib" array in the tsconfig.json is empty do not duplicat                      |
| Bug | <a href="#">WEB-37154</a> | Add 'readonly' in the completion list   |
| Bug | <a href="#">WEB-30321</a> | 'instanceof' type guard works incorrectly when provided with 'any' ty                         |
| Bug | <a href="#">WEB-36169</a> | typescript lost setting after edit field  |
| Bug | <a href="#">WEB-34392</a> | Completion for readonly modifier after other modifiers in constructor                         |
| Bug | <a href="#">WEB-37251</a> | TypeScript config: "strict" option includes "strictNullChecks"                                |
| Bug | <a href="#">WEB-37488</a> | TypeScript: properly expand mapped type with 'any'  |
| Bug | <a href="#">WEB-37530</a> | Angular: add tsconfig.lib.json to the tsconfigs list  |
| Bug | <a href="#">WEB-36868</a> | Promise.resolve always infers to 'Promise<any>' because of incorrec                           |
| Bug | <a href="#">WEB-37047</a> | Marking application assets as Resource Root cause problem with tsc application                |
| Bug | <a href="#">WEB-37140</a> | IntelliSense does not resolve typescript with typeof import('module')                         |
| Bug | <a href="#">WEB-36771</a> | Incorrect result of type assignability check in TypeScript                                    |
| Bug | <a href="#">WEB-37706</a> | Incorrect "is null" warning Typescript (closure)  |
| Bug | <a href="#">WEB-36706</a> | Typescript: AutoImport ignoring `paths` field in tsconfig.json                                |
| Bug | <a href="#">WEB-34136</a> | Wrong rewriting of import path after moving a dependent file                                  |
| Bug | <a href="#">WEB-31139</a> | Incorrect inference for Record type in conditional type                                       |
| Bug | <a href="#">WEB-36619</a> | Typescript class implementing an interface method as a lambda inco unused/can't find usages   |
| Bug | <a href="#">WEB-37592</a> | Support for typeof import   |
| Bug | <a href="#">WEB-37273</a> | Remove export intention adds public modifier for the variable                                 |
| Bug | <a href="#">WEB-37606</a> | "Do not show parameter hints for this method" not suggested for fur                           |
| Bug | <a href="#">WEB-37411</a> | Rename-refactoring shouldn't be inplace on this-types and this-expr                           |
| Bug | <a href="#">WEB-37388</a> | False positive in Unsound instanceof type guard check   |

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|------------|-------------|---------------------------|---|
|            | Bug         | <a href="#">WEB-32596</a> | TypeScript overloaded functions resolve to first one that allows the alternatives exist |
|            | Bug         | <a href="#">WEB-37564</a> | TypeScript: type guard doesn't work for re-declarations                                 |
|            | Bug         | <a href="#">WEB-36885</a> | Type inference fails for Extract<T> type  |
|            | Bug         | <a href="#">WEB-36412</a> | Autocomplete not work with dynamicaly evaluated types                                   |
|            | Bug         | <a href="#">WEB-37581</a> | False type mismatch errors when returning promise instance                              |
|            | Bug         | <a href="#">WEB-37119</a> | this-types should also have this-references   |
|            | Bug         | <a href="#">WEB-37475</a> | Inspection: async function return type should be 'Promise<..>'                          |
|            | Bug         | <a href="#">WEB-37533</a> | No expected type for React props in TypeScript files                                    |
|            | Bug         | <a href="#">WEB-36464</a> | Destructuring intention actions should better handle 'const' variables                  |
|            | Bug         | <a href="#">WEB-37514</a> | TypeScript: support keyofStringsOnly compliler option                                   |
|            | Bug         | <a href="#">WEB-36439</a> | Use our tooltips instead of TS service tooltips on 'this'-expressions                   |
|            | Bug         | <a href="#">WEB-37129</a> | typescript/idea auto create method bug  |
|            | Bug         | <a href="#">WEB-36712</a> | No option to disable breadcrumbs in *.tsx files   |
|            | Performance | <a href="#">WEB-37049</a> | IDEA stop responding (hangs) on Type info (CTRL+SHIFT+P)                                |
|            | Usability   | <a href="#">WEB-30634</a> | Extends/implements is not shown in completion for class expression:                     |
|            | Usability   | <a href="#">WEB-36273</a> | Don't re-format file on applying "Add <classname> to existing impor                     |
|            | Task        | <a href="#">WEB-36160</a> | TypeScript: optimize TypeScriptGeneratedFilesStartupActivity#addFi                      |
|            | Task        | <a href="#">WEB-36269</a> | TypeScript: overload support for tag functions  |
|            | Task        | <a href="#">WEB-34800</a> | Check that new TypeScript 3.1 error UX is compatible with our prese                     |
| Unit Tests | Feature     | <a href="#">WEB-29620</a> | Karma plugin should support CLI args  |
|            | Feature     | <a href="#">WEB-22516</a> | Support cucumber step definition in TypeScript way                                      |
|            | Feature     | <a href="#">WEB-29665</a> | Missing navigation support for latest CucumberJs and for TypeScript                     |
|            | Feature     | <a href="#">WEB-36578</a> | Show test status in the gutter for both compiled and original file                      |
|            | Feature     | <a href="#">WEB-35279</a> | Highlight failed line and show error message in the test in the editor                  |
|            | Bug         | <a href="#">WEB-36810</a> | Angular workspace: WebStorm is starting Karma tests for Protractor                      |
|            | Bug         | <a href="#">WEB-37048</a> | WebStorm/IntelliJ considers non Angular project as Angular one whi                      |
|            | Bug         | <a href="#">WEB-37031</a> | Angular with Jest: support running tests for non-default Angular pro                    |
|            | Bug         | <a href="#">WEB-31227</a> | Mocha: working directory isn't set to sub-folder  |
|            | Bug         | <a href="#">WEB-36927</a> | Jest: no results shown when running multiple tests with Node.js 6.x                     |
|            | Bug         | <a href="#">WEB-36736</a> | Add working directory option for Cucumber RC  |
|            | Bug         | <a href="#">WEB-36845</a> | Mocha: afterEach fails but test is reported as a success                                |
|            | Bug         | <a href="#">WEB-21609</a> | Cucumber-js: 'Create all steps definition' quickfix creates a single de                 |
|            | Bug         | <a href="#">WEB-37066</a> | ##teamcity text in console when debug Jest tests with Node 6                            |
|            | Bug         | <a href="#">WEB-37262</a> | Karma Plugin raises deprecation warning when executing tests again                      |
|            | Bug         | <a href="#">WEB-37492</a> | Cucumber.js: Working directory doesn't work for the version 2                           |
|            | Bug         | <a href="#">WEB-37046</a> | Support jest todo feature (added in jest 24)  |
|            | Bug         | <a href="#">WEB-37321</a> | Jest runner doesn't execute "setupFilesAfterEnv" correctly with Jest :                  |
|            | Bug         | <a href="#">WEB-36728</a> | Cucumber.js: TypeScript steps: correctly process And and But steps                      |
|            | Bug         | <a href="#">WEB-37680</a> | Jest fails with 'Class constructor Spec cannot be invoked without 'ne                   |

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|----------------------|-------------|---------------------------|--|
|                      | Bug         | <a href="#">WEB-36974</a> | Improve @angular/cli stack trace parsing (impossible to get some ur project)   |
|                      | Usability   | <a href="#">WEB-36272</a> | Add gutter icon for 'jest' in package.json   |
|                      | Cosmetics   | <a href="#">WEB-37422</a> | Cucumber RC. Align the labels to the left  |
|                      | Exception   | <a href="#">WEB-36729</a> | Cucumber.js: TypeScript steps: correctly process asterisk step   |
| DB Connectivity      | Feature     | <a href="#">DBE-1584</a>  | Database: "Automatically disconnect after XX minutes" Property   |
|                      | Feature     | <a href="#">DBE-5890</a>  | KeepAlive setting in data source properties  |
|                      | Feature     | <a href="#">DBE-2606</a>  | Make it possible to run initialization scripts   |
|                      | Bug         | <a href="#">DBE-7768</a>  | Database view: password in not saved by database creation  |
|                      | Bug         | <a href="#">DBE-7106</a>  | Connection error after using mysql-dump on data source with ssh tu   |
|                      | Usability   | <a href="#">DBE-7799</a>  | Data Sources and Drivers dialog: don't ask to download drivers if the are actual   |
| DB Console           | Bug         | <a href="#">DBE-7896</a>  | Datagrip notifications show raw HTML   |
|                      | Bug         | <a href="#">DBE-2114</a>  | Bug in count over function   |
| DB Diagram           | Bug         | <a href="#">DBE-6225</a>  | Foreign keys referencing tables with different casing are not displaye   |
| DB Introspection     | Feature     | <a href="#">DBE-3413</a>  | DB2: support database triggers   |
|                      | Bug         | <a href="#">DBE-7743</a>  | Database: Error encountered when performing Introspect on a Maria  |
| IDE General          | Feature     | <a href="#">DBE-5854</a>  | Console 'Save' is a weak spot in an otherwise brilliant product.   |
|                      | Usability   | <a href="#">DBE-7994</a>  | "Set UI Theme" has inconsistent screenshots  |
| SQL Completion       | Bug         | <a href="#">DBE-7682</a>  | Incorrect completion for nullable enum types in data editor  |
| SQL Format and Style | Feature     | <a href="#">DBE-7806</a>  | MS SQL: Place each declared variables (inside a stored procedure) o  |
|                      | Feature     | <a href="#">DBE-2913</a>  | SQL code style "Comma Inside Indent"   |
|                      | Bug         | <a href="#">DBE-4805</a>  | SQL Reformatting creates error   |
|                      | Bug         | <a href="#">DBE-7801</a>  | Uncontrollable SQL alignment   |
|                      | Bug         | <a href="#">DBE-7605</a>  | Postgres: SQL formatter doesn't recognise "into temp table"  |
|                      | Bug         | <a href="#">DBE-7376</a>  | With clause code style gets broken when inside of a subquery   |
|                      | Bug         | <a href="#">DBE-6937</a>  | improper formatting of postgresql arrays   |
|                      | Bug         | <a href="#">DBE-7362</a>  | Sql formatter does not apply to injected language  |
|                      | Bug         | <a href="#">DBE-7890</a>  | PLPGSQL formatter adds a line break after PERFORM  |
|                      | Bug         | <a href="#">DBE-4641</a>  | Reformat Code should not quote words like NEW, OLD, and EXCLUDI  |
|                      | Performance | <a href="#">DBE-7849</a>  | The function WrapImpl.isChildOf() consumes all CPU and never com   |
|                      | Performance | <a href="#">DBE-7823</a>  | Datagrip infinite "Trigger sources" bug  |
|                      | Improvement | <a href="#">DBE-7881</a>  | Align assignments in ON CONFLICT (Postgres upsert)   |
| SQL General          | Performance | <a href="#">DBE-7930</a>  | Infinite spin (UI freeze) in<br>com.intellij.sql.inspections.SqlIllegalCursorStateInspection\$createAn<br>neDefinition -> FlowUtilKt.computePossibleCursorStates |
| SQL Generation       | Bug         | <a href="#">DBE-7862</a>  | SqlServer doesn't support column identity alteration   |
| SQL Highlighting     | Feature     | <a href="#">DBE-7854</a>  | False positive for temporary table column reference in "json_populat   |
|                      | Feature     | <a href="#">DBE-4546</a>  | Support SQLCMD Mode (Windows)  |
|                      | Feature     | <a href="#">DBE-7648</a>  | PL/SQL Inspection to Report Use of GOTO statements   |
|                      | Bug         | <a href="#">DBE-7754</a>  | sql parsing issue with "if exists"   |

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|----------------|---------|--------------------------|---|
|                | Bug     | <a href="#">DBE-7932</a> | Incorrect inspection on UNION usage in DELETE statement               |
|                | Bug     | <a href="#">DBE-7700</a> | Support mysql alter user syntax                                       |
|                | Bug     | <a href="#">DBE-7853</a> | False positive: "Redundant character escape" for "\_" in Postgres "si |
| User Interface | Feature | <a href="#">DBE-6432</a> | Possibility to configure icons for custom data sources                |
|                | Feature | <a href="#">DBE-4074</a> | Database keep project datasource visible when scrolled down           |
|                | Bug     | <a href="#">DBE-7659</a> | An item in DB settings list is hidden 1) at first 2) after scrolling  |