

GoLand 193.5233.112 Release Notes

No subsystem	Bug	GO-8455	Intellij UE + Go Plugin don't handle dependencies under `vendor/` of Kubernetes source code
	Bug	GO-8122	Editable postfix templates do not work when you define them on custom types
	Usability	GO-7826	dep integration enabled automatically in 2019.2
Go Build	Bug	GO-7801	Goland: not clickable compile errors after 2019.2 update
	Bug	GO-8279	Console toolbar is missing in debug
	Bug	GO-8303	go: flag needs an argument: -mod (from \$GOFLAGS)
	Bug	GO-7832	Support for long configuration names
Go Completion	Bug	GO-6545	Method-like function completion shouldn't reformat raw string
	Bug	GO-7808	The autocomplete is not aware of context
	Bug	GO-7729	Don't show "Fill fields" on unexported fields
	Bug	GO-8088	Postfix completion fails at getting error type
	Bug	GO-7741	Struct autocomplete wrong brackets
	Bug	GO-8311	Useless completion after typing '...'
Go Debugger	Feature	GO-6578	Allow debugging with Go Remote configurations and mozilla rr backends on remote target
	Bug	GO-7770	Function calls don't work inside Evaluate and log breakpoint property
	Bug	GO-8356	Rewind action is available in core dump debug session
	Bug	GO-7060	Debugger shows incorrect variable location in code
	Bug	GO-8074	Evaluate and Log does not print result of in debug console
	Bug	GO-7829	Mozilla RR integration
	Bug	GO-8186	Delve version too high for Go 1.10
	Bug	GO-8333	Run to cursor doesn't work when file mapping is required
	Bug	GO-7689	Debugger stops at breakpoint twice if run.processes.with.pty is enabled on macOS
	Bug	GO-8053	Evaluate expression cannot evaluate delegated method calls
	Bug	GO-7866	Step over doesn't work
	Bug	GO-8051	Debugger doesn't show entire string value containing non-ascii symbols
	Bug	GO-8192	Breakpoint cannot find file in Container until step into module
	Bug	GO-8277	Debugger does not stop on breakpoint; breakpoint bullet changes to "could not find file"
	Bug	GO-8380	Debugging remotely not working
	Bug	GO-7906	UI allows to change variable values in a recorded debug session
Usability	GO-6723	When using rr, breakpoints are ignored	
Go Editing	Bug	GO-8421	Pasted unused import is optimized immediately
	Bug	GO-8092	Disabling One Line Returns folding doesn't work
	Bug	GO-8360	Import package quickfix doesn't suggest vendored packages with aliases
	Bug	GO-7852	Automatic SQL injection doesn't work
	Bug	GO-8089	Incorrect "Parameter info" for a function call inside a struct literal

	Bug	GO-8378	Parameter information not shown for function with struct parameter
	Bug	GO-8312	Typing < inserts >
	Usability	GO-8288	Don't offer method's name for variable when it returns only error
	Usability	GO-8172	Create missed function do not give to change parameters name
	Usability	GO-7952	Fill fields for strings should start from no value
Go Formatter	Bug	GO-8066	Update import rules and aliases to match the new version of goimports
	Bug	GO-7213	Wrong indent in block inside switch case
	Bug	GO-7847	"Imports are not sorted" warning is not disappearing after manual sorting imports
	Bug	GO-7988	Wrong comments alignment after block statements
	Bug	GO-8024	Comments after multiline const/var spec should not be aligned with subsequent comments
	Bug	GO-8028	Wrong comments alignment in composite literals
	Bug	GO-8029	Wrong comments alignment for top-level declarations
	Bug	GO-6689	Wrong indent after if with multiline condition
	Bug	GO-7431	Formatting inconsistency between "Reformat Code" and "go fmt"
	Bug	GO-7974	Wrong indent for multi-line comments when they are not first on the line
	Bug	GO-7970	Unable to delete anything between a valid line and a mismatched closing brace.
	Bug	GO-7997	Comments alignment should be reset if the separated by several lines
	Bug	GO-7995	Wrong alignment for first comments in a block-like elements
	Bug	GO-8019	Misaligned struct comments in the presence of tags
	Bug	GO-8017	Wrong comments alignment inside field declaration
	Bug	GO-8012	Do not remove empty line before right brace in struct/interface
	Bug	GO-8011	Wrong comments alignment in argument list
	Bug	GO-7888	No ability to disable redundant import alias removal during formatting
	Bug	GO-8050	Wrong alignment in const/var blocks
	Bug	GO-8372	Error during method formatting
	Bug	GO-7962	Redundant space between multiline comment and right brace
	Bug	GO-7963	Missing newline between multiline comment and right brace in block
	Bug	GO-7967	Wrong alignment of comments in const block
	Bug	GO-7964	Wrong indent for comments inside multiline expressions
	Bug	GO-7965	Wrong comments alignment in case clauses
	Bug	GO-7986	Wrong spacing between line comment and right brace in composite literals
	Bug	GO-7989	Wrong comments alignment after multiline composite literal
	Bug	GO-8400	Empty line is removed before first block comment in a struct and var/const/type/import blocks
	Bug	GO-8004	Wrong indent in var/const value after comment
	Bug	GO-8005	Wrong spacing before block comment in expression
	Bug	GO-8003	Wrong alignment in structs with anonymous fields
	Bug	GO-8131	Empty line is removed between left branch and a comment in a literal value
Bug	GO-6473	Wrong indent in struct initializer in multi-value return	

	Bug	GO-6984	Wrong function call arguments indentation in multi-value returns
	Bug	GO-7830	the indent is weird since 2019.2
Go General	Bug	GO-7916	Detection of autogenerated files doesn't seem to work properly
	Bug	GO-8177	Go Module show error in IDE but run normal in terminal
	Bug	GO-7798	Go modules shown in external libraries when vendoring is enabled
	Performance	GO-8031	It takes forever to show implemented icon for method if type has too many methods
	Performance	GO-8034	UI freezes when clicking on gutter icon for type which has too many methods
	Performance	GO-8293	Project opening/indexing takes nearly 10 minutes to finish
	Cosmetics	GO-8306	Cleanup GOROOT and Download sdk ui
	Go Inspections	Bug	GO-7450
Bug		GO-8219	Add comment quick fix shows up twice
Bug		GO-6635	Add keys and delete zero values quick fix produces invalid code
Bug		GO-7725	Convert quick fix shouldn't be available for nil argument
Bug		GO-8331	Implicit assignment to unexported field is not detected
Bug		GO-8280	Delete unused type will not remove comments from the methods defined on that type
Bug		GO-5766	Unused variable not detected
Bug		GO-8371	Reuse signature types intention shouldn't be available on type carry over
Bug		GO-7824	Change signature generates a non existing type
Bug		GO-7663	Invalid inspection: Redundant type conversion
Go Refactorings		Bug	GO-8422
	Bug	GO-8425	Implement Methods doesn't open file with type declaration
	Bug	GO-8158	Implement methods should not create type and methods where those can't be defined, e.g. inside functions/methods
	Bug	GO-6555	Extract method should update references change via template
	Bug	GO-8068	Extract Interface doesn't take into account existing declarations
	Bug	GO-8065	Extract Interface should not complain about unexported receiver's type
	Bug	GO-7982	Change signature doesn't add package prefix in tests
	Bug	GO-8007	Extract method does not work correctly if a variable is named the same as type
	Bug	GO-8137	Change signature should not update return for recursive calls
	Bug	GO-7871	Change signature doesn't replace single result parameter
	Bug	GO-8386	Renaming files with similar test files triggers the rename confirmation for the original renamed file
	Usability	GO-6994	Always optimize imports after Move refactoring
	Usability	GO-7787	Always show preview when refactorings attempt to modify generated code
	Usability	GO-8209	Implement Methods should put newly created method under caret
	Usability	GO-7864	Change Signature quickfix should add default value in newly generated return
	Go Testing	Bug	GO-7516
Bug		GO-8391	Output of go test is mixed between stdout and stderr
Bug		GO-7919	missing tags arguments on subtest running

	Bug	GO-7806	gocheck output is hidden
	Bug	GO-7883	Running the individual test results in running all the tests in a file.
	Bug	GO-8301	Use -m argument instead of -testify.m for old testify versions
Go Type Inference	Bug	GO-8163	Missing pointer to unsafe.Pointer conversion is not highlighted as an error
No subsystem	Bug	DBE-9124	«Modify Table» dialog (F6) shows several DDL commands even when a user didn't modify something
	Bug	DBE-8871	Can no longer add "external schemas" in schema list (Redshift)
	Performance	DBE-8694	EAP Consuming Significant Resources - Even at Idle
DB Connectivity	Bug	DBE-8715	Oracle: the message under the "Test Connection" button disappears
	Bug	DBE-9448	Driver files entries order is not saved
	Bug	DBE-9052	Error: "No subject alternative DNS name matching localhost found." when connecting to Redshift with "Use SSL" enabled
	Bug	DBE-8968	DataGrip Login
	Usability	DBE-9323	Connection exception is cut off in the main window
	Exception	DBE-8823	IAE at com.intellij.database.model.DataSourceSnapshotManager.***reportNull***0
DB Console	Feature	DBE-1878	Database console: on switching to deselected schema suggest quick fix to select it in data source properties
	Bug	DBE-9550	DataGrip: Error when trying to use Quick Documentation on tables containing SQL foreign keys (part 3)
	Bug	DBE-8827	Opening the default or connection database console does nothing when you've deleted the scratch file
	Bug	DBE-9523	NEXT VALUE FOR [sequence] is no longer working after latest update.
	Bug	DBE-9068	Can't execute selected part of SQL query in .cs file
	Bug	DBE-3546	Database Console doesn't reopen when statement is executed
	Bug	DBE-9478	AzureSQL regression in 2019.2.6 - "Unable to verify FIPS mode settings" exception
	Bug	DBE-9434	Explain Analyse (Raw) action is broken
	Usability	DBE-5983	Database Console: query result tabs are messed up
DB Diff	Feature	DBE-8977	Compare table contents
	Bug	DBE-7401	Database Changes window shows first change in queue regardless of selection
	Bug	DBE-8995	Database diff case insensitive not fully working
	Bug	DBE-8835	Schema diff comparison with DDL. Don't show differences for native and default words
DB General	Bug	DBE-9401	Data source corruption in recent builds
DB Introspection	Feature	DBE-5661	Improve support for partitioned tables
	Bug	DBE-4856	Azure: db_id() doesn't work, we need a workaround
	Bug	DBE-9454	multiple-column indexes
	Bug	DBE-9329	PostgreSQL 12 generated columns feature breaks introspection
	Bug	DBE-6300	MS SQL Server DB introspection fails with OutOfMemory for a production-size database 12872+ tables
	Bug	DBE-8344	Viewing or editing procedures on DB2 for i (AS/400) systems fails
	Bug	DBE-5061	DDL for Postgresql trigger misses OF columns block

	Bug	DBE-9015	Server crash issue when using DataGrip with AWS Aurora
	Bug	DBE-9406	Introspection error on Greenplum 6. Source code of routines is not available.
	Bug	DBE-9474	H2 view columns are not introspected
	Bug	DBE-8310	DDL data source: unknown schemas appearing in Database tool window when editing DDL script
	Bug	DBE-9433	database schemas current schemas can't select
	Bug	DBE-9457	DataGrip 2019.2.2 does not show DISTRIBUTED BY section for Greenplum v 6 table via "SQL Scripts --> Source Editor"
	Bug	DBE-8504	DB Synchronize failure
	Performance	DBE-8380	Introspection takes forever and hangs datagrip
DB Refactoring	Bug	DBE-9017	When adding a SMALLINT type column with width and UNSIGNED, the width digit ignored.
	Bug	DBE-9050	Invalid Nullable type composition for ClickHouse LowCardinality
	Bug	DBE-8889	Sqlite Constraint Check lost when table is modified
DB Schema Views	Bug	DBE-9267	Misleading 'drop schema' handling on insufficient rights
Data Import & Export	Feature	DBE-2640	[Feature Request] Download query output as markdown table
	Bug	DBE-9548	Creating new table from results contains ambiguous column names
	Bug	DBE-8732	CSV Import - please swap default LOB from Text to varchar(max) to better support modern (post 2005) versions of SQL Server
	Bug	DBE-9098	Can't import data from a CSV that includes IDENTITY column data to a SQL Server table
	Bug	DBE-5165	Import File Not working correctly
Data Views	Feature	DBE-7980	Set NULL via typing
	Bug	DBE-8817	Colors are stuck in filter
	Bug	DBE-8857	Query width gets wider and wider with each return (visual bug)
	Bug	DBE-9516	`Transpose` action is absent
	Bug	DBE-8557	"Limit page size to" no longer limits max query row count
	Bug	DBE-9322	Error in 'Load Data' view
	Bug	DBE-9021	Navigating to referenced and referencing rows from data grid doesn't put quotes around UUID's.
	Bug	DBE-8717	Comment to name query result tab leads to "unresolved table editor"
	Bug	DBE-9445	H2 views cannot be sorted by column
	Bug	DBE-6601	Ctrl-F12 in the filter in a table view should open the structure popup for the shown table's data, not the "dummy.sql" editor
	Bug	DBE-9338	The row number is truncated in table view
	Bug	DBE-8788	BLOB Record modifications in Database explorer, after automatic reload, shows a Java object reference
	Bug	DBE-8433	Using FWD and BACK button on table views re-issues the query
	Usability	DBE-9549	Option to disable autocompletion in Data Editor
	Exception	DBE-8761	Artifacts in service windows when view result of SQL query
IDE General	Bug	DBE-1057	XML extractor does not escape illegal characters in xml columns on SQL Server
	Bug	DBE-8813	DataGrip is not usable after update to 2019.2

	Usability	DBE-8633	Can't edit file/folder in SQL-Dialects window
Navigation & Search	Feature	DBE-8897	Full text search enhancement - result list(s) should be ordered
	Bug	DBE-8448	Unable to search database table from quick search
	Bug	DBE-8963	When Ctrl+clicking on a table name in SQL, the Database window doesn't quite scroll that table on the screen
	Usability	DBE-8895	Find Usages Sort by line number
PL Debugger	Bug	DBE-9324	Oracle PL debugger: Sometimes debuggers doesn't pick the modified code on second start
	Task	DBE-9274	Do not allow to start several debug sessions at once for the same DB console
	Task	DBE-9299	Oracle PL debugger: support Type Body
	Exception	DBE-9297	Oracle PL debugger: when a sessions is disconnect, DG throws an unexpected exception "Connection refused to host: 127.0.0.1"
SQL Completion	Feature	DBE-4499	suggest join conditions based on column / table name matching
	Bug	DBE-8686	SQL code autocomplete works incorrectly
	Bug	DBE-9354	select always qualifies the column with table name
	Bug	DBE-4713	SQL completion failing on create table
	Bug	DBE-8785	Some objects are not loaded in the completion popup
	Bug	DBE-9504	Suggest only "BY" for "ORDER " or "GROUP "
	Bug	DBE-9046	Database tools: no autocomplete for table name when typing 'alter table' with postgres
	Usability	DBE-8918	'VARCHAR' is completed as 'VARCHAR()'
	Usability	DBE-9535	Better completion for LIKE in the filter field
	Usability	DBE-9534	Better completion for LIKE
SQL Format and Style	Bug	DBE-8452	Oracle: align CASE Expressions in pl/sql block
	Bug	DBE-9458	SQL Server query formatting issue: the TOP N clause causes formatter to insert a lot of unnecessary line breaks
	Bug	DBE-6170	The "Place comma" setting is ignored when "Wrap" is set to "Wrap if long"
	Bug	DBE-8334	Unnecessary space before comma in ALTER TABLE when several ADD instructions
	Bug	DBE-8974	SQL Pre-formatter doesn't handle commas when the setting is specified in the Common section
	Bug	DBE-8767	SQL formatter mangles blank-padded literals in Postgres
	Bug	DBE-8986	Extra indent of the line after where clause
	Bug	DBE-8845	Cursors need to be left-aligned
	Performance	DBE-8257	SQL paste stuck (in PhpStorm)
	Usability	DBE-8978	The combination of Code Style settings and source line breaks cause ugly result
SQL General	Feature	DBE-9393	Support DDL for TASKs
	Feature	DBE-9450	Snowflake SQL Dialect Should recognize // style comments
	Bug	DBE-8682	Snowflake syntax doesn't recognize USING keyword
	Bug	DBE-6474	DataGrip does not operate properly with identifiers containing CRLF
	Bug	DBE-9376	MS SQL parses incorrectly when column alias is "load"
	Bug	DBE-6538	Oracle SQL plus dialect: formatting changes and corrupts the query
	Bug	DBE-9463	PostgreSQL 12 REINDEX CONCURRENTLY feature not supported

	Bug	DBE-9464	PostgreSQL 12 COMMIT/ROLLBACK AND CHAIN syntax not recognized
	Usability	DBE-7315	Automatically add commas when drag'n'drop columns to the query
SQL Generation	Feature	DBE-7893	Procedure is missed in Generate menu
	Feature	DBE-7976	Modify table from data editor
	Bug	DBE-9352	Command "Generate DDL to Clipboard" shows incorrect info about fulltext index.
	Bug	DBE-5030	Foreign Key Creation Doesn't Like Schemas
	Bug	DBE-8826	After editing a package, the last ; is removed during submission to database
	Bug	DBE-6261	Oracle: DDL script for VIEW misses column names defined in the view header
	Bug	DBE-7247	Postgres Trigger Definition Does Not Show WHEN condition
	Bug	DBE-7960	PG11:Exception happens when generating definition for partition table which is in different schema of its parent table.
	Bug	DBE-8962	Wrong Snowflake DDL generation
	Bug	DBE-7107	MSSQL: incorrect DDL generated for char columns
	SQL Highlighting	Feature	DBE-3779
Feature		DBE-8688	Unreachable code inspection for COALESCE
Feature		DBE-9573	Inspection: Insert NULL into NOT NULL column
Feature		DBE-9024	Ability to suppress sql resolve inspection for the function
Feature		DBE-8697	Inline parameter hint provider
Feature		DBE-8330	Datagrip literals auto-injection
Feature		DBE-8597	Column name hints in INSERT
Feature		DBE-8402	Inspection and intention for unicode columns in MSSQL
Bug		DBE-8814	Inspection of "Using CASE instead of conditional function and vice versa" shouldn't be enabled on MSSQL Server 2008
Bug		DBE-9492	Replace DISTINCT with GROUP BY
Bug		DBE-8637	partition by join is not recognized in "Oracle SQL*Plus" Dialect
Bug		DBE-9084	IDE don't recognize 'VALUES (expression) table value constructor' in MariaDB 10.3 and above
Bug		DBE-3815	No inspection suppression option for specific unresolved SQL reference?
Bug		DBE-9317	Add az64 compression encoding support
Bug		DBE-3773	SQL: Inspections: Sybase: Ambiguous column reference: two different columns cannot have the same alias
Bug		DBE-8850	Exasol DROP INDEX grammar error
Bug		DBE-9512	Missing syntax highlighting/autocomplete for clickhouse
Bug		DBE-9105	SQL error when using quoted shame and a table name starting with a number on 2019.2.2
Bug		DBE-9281	Aggregate-related problems inspection false positive when grouped by primary key
Bug		DBE-9353	Inlay hint is strange for VALUES
Bug		DBE-8398	False positive "unreachable code" warning
Bug		DBE-9410	T-SQL: Unknown database function 'concat_ws'
Bug		DBE-9569	Intellij shows false error for 'COMPRESS ADVANCED'

	Bug	DBE-9564	DB console for oracle dialect does falsely reports issue with empty grouping set as : '(' or <expression> expected, got ')'
	Bug	DBE-9446	Add syntax highlighting for command EXPLAIN ANALYZE in Mysql Database
	Bug	DBE-8763	DataGrip says "Aggregate calls are not allowed in ORDER BY" clause of non-aggregated query
	Bug	DBE-8866	Allow to enter query with reluctant quantifier in MATCH_RECOGNIZE / Row pattern matching query for the database tool
	Bug	DBE-8383	Inspection: aggregate-related problems
	Bug	DBE-8940	Postgres SQL editor does not support PARTITION BY HASH
	Bug	DBE-8939	"unreachable code" error when viewing an SQL Server stored procedure
	Bug	DBE-9531	ORDER BY in subqueries should be highlighted
	Bug	DBE-8752	SQL: PostgreSQL: VALUES clause cardinality: inspection gives false warning with select into
	Bug	DBE-9336	Intentions is not working in existing routines
	Bug	DBE-9056	Columns referenced from PostgreSQL variables with RECORD data type result in unresolved reference error
	Bug	DBE-9473	MariaDB. Unknown database function error for window functions.
	Bug	DBE-7455	MariaDB EXCEPT and INTERSECT support
	Bug	DBE-8718	PostgreSQL CREATE OPERATOR using the FUNCTION keyword instead of PROCEDURE
	Bug	DBE-8738	Inspection "VALUES clause cardinality" false positive when used with "OUTPUT inserted INTO"
	Bug	DBE-9095	Syntax highlight for ASYMMETRIC KEY
	Bug	DBE-9003	Datagrip editor showing syntax error for amazon redshift query. In the attached screenshot when the isnull statement is in the same line as select clause the query gets executed but when the isnull is in second line it gives a syntax error.
	Bug	DBE-9006	Unreachable code inspection is reported for Oracle package
	Bug	DBE-7491	Add syntax highlighting for PL/pgSQL "special commands" (#variable_conflict)
	Bug	DBE-9345	Max identifier length inspection
	Bug	DBE-9542	Always true inspection does not work on constants
	Bug	DBE-9468	Oracle SQL syntax false error: TRUNCATE TABLE ... CASCADE
	Bug	DBE-9467	Datagrip syntax checker/linter do not understand the expression "ANALYZE SELECT"
	Usability	DBE-9543	Quick fix should delete COALESCE statement in the first argument cannot be null
SQL Refactoring	Feature	DBE-9428	Intention to convert JOIN ON to JOIN USING
	Bug	DBE-7709	Incorrect placing for table's alias
	Bug	DBE-8807	[PLUGIN] Unable to rename table variable
	Bug	DBE-9568	Intention works not correct
	Bug	DBE-9093	Intention 'Replace IN expression...' corrupts code
	Usability	DBE-8960	'Expand column list' should be available if caret is after '*'
SQL Resolve	Bug	DBE-5033	DataGrip does not recognize trigger logical tables DELETED/INSERTED when using ALTER TRIGGER
	Bug	DBE-8388	Problems with resolve when commenting a type
	Bug	DBE-9470	PostgreSQL: ORDER BY fields not resolved in a TABLE statement

	Bug	DBE-5766	Unresolved savepoint
No subsystem	Feature	WEB-39958	React auto import ignore "allowSyntheticDefaultImports"
	Feature	WEB-39817	JS. Console live templates
	Feature	WEB-39111	Install LTS Node.js from new project dialog
	Feature	WEB-40006	Add 'insert await' quick fix for type assignability errors of 'Promise<T> vs T' and for property access on `Promise<T>` for a property that exists in T
	Bug	WEB-31859	Sporadic 502 when loading pages with the built-in web server
	Bug	WEB-40355	No SVG preview pane after 2019.2 update
	Bug	WEB-39612	"Invalid" in suggest popup
	Bug	WEB-42167	Completion is different if you move cursor before or after a statement
	Bug	WEB-39596	Choose better overload for document.createEvent()
	Bug	WEB-40196	No syntax highlighting for JSP files
	Bug	WEB-42382	JavaScript "Local variable 'X' is redundant" is not that redundant
	Bug	WEB-40173	Redundant default attribute in SVG changes image in preview when removed
	Performance	WEB-40851	Computing enum values for a huge enum doesn't reuse the cache of already computed values
Performance	WEB-20705	idea will freeze when using with pnpm	
CSS	Feature	WEB-36265	CSS Media Queries Level 5 support
	Bug	WEB-40241	"Mismatched property value" errors when using functions in SCSS/Sass files
	Bug	WEB-40049	postcss-simple-vars: variable reference as a part of a property name is not resolved
CoffeeScript	Bug	WEB-40447	Issues with CoffeeScript editor in RubyMine 2019.2
Dart	Bug	WEB-40354	Dart completion: selecting constructor should insert parentheses and optionally argument placeholders
	Bug	WEB-40544	IDE may freeze when editing a Dart file and Structure tool window is open
	Bug	WEB-40308	2019.2 regression: Postfix completion not working in Dart Plugin, v2019.2
Debugger	Bug	WEB-29329	Lambda Kotlin breakpoints are handled incorrectly during JS debug
	Bug	WEB-38656	Node.js vm lineOffset
	Bug	WEB-40409	Electron 6 App does not start up correctly in DebugMode
	Bug	WEB-40437	JS debug requires remote URL mapping in 2019.2
	Bug	WEB-39787	Live Edit does not work with node 10.16
	Bug	WEB-30191	CORS problem when debugging because of "x-ijt" header being sent
	Bug	WEB-11399	Debugger Console: variables defined in the console are not autocompleted (global context)
	Bug	WEB-39342	Provide completion for console methods in JavaScript debugger console
	Bug	WEB-38541	Karma: debugger stops on breakpoints only after restart or reload
	Usability	WEB-40014	Show a meaningful error message when starting a debugger with node.js < 8.x set up as remote docker compose interpreter
	Exception	WEB-40379	Cannot add an action twice: Smart Step Into (Step into the particular method)
File Watchers	Bug	WEB-39703	File watcher file type reverts back to unknown when I save it (Jsonnet, Blade)
HTML	Bug	WEB-40047	Invalid "deprecated HTML attribute" warning on React's onError attribute

	Bug	WEB-38718	'Deprecated HTML attribute' shouldn't be shown for attributes resolved to React component props
	Bug	WEB-25670	WebStorm complains that some browsers don't like empty tags
JSON	Task	WEB-42249	Add `babel.config.json` to system schema map
JavaScript	Feature	WEB-42028	Name suggestions: add unresolved names from the current scope to the list of suggestions
	Feature	WEB-39619	JavaScript: additional completion for "length" and "size" methods
	Feature	WEB-41373	Support optional chaining in TypeScript and in the type system
	Bug	WEB-39917	Operating on comments breaks indents for items around the comment
	Bug	WEB-41995	'Make private using #' cannot be invoked for getters in pure JS
	Bug	WEB-42109	Unexpected "not assignable to type T" warning in JavaScript
	Bug	WEB-42106	Highlight "arguments" as parameter
	Bug	WEB-40287	'Generate destructuring pattern' should handle computed property names properly
	Bug	WEB-40036	JSDoc should be inherited from super methods
	Bug	WEB-38654	Imported functions mistaken for global functions
	Bug	WEB-41393	Code analysis is broken after the IDE update
	Bug	WEB-41927	PhpStorm didn't show inferred parameter type in JavaScript
	Bug	WEB-40273	Method chain type hints are shown with several consequent 'Promise<some_type>' for the same some_type
	Bug	WEB-40055	es6: do not apply jsdoc namespace to class members
	Bug	WEB-38661	Javascript : auto-complete not working for multiple levels of Object.create() and Object.Assign()
	Bug	WEB-39836	No completion for `instanceof` in conditions with NOT
	Bug	WEB-31971	Support TypeScript import()-types in JSDoc
	Bug	WEB-40280	Javascript: Code-completion for setters in closure/function-based classes is not working correctly
	Bug	WEB-33474	Create variable from usage: no possibility to choose keyword
	Bug	WEB-38414	Auto import in Flow adds path to the IDE bundled definitions for React instead of the project ones
	Bug	WEB-39923	ES6: use directory import for index.js.flow
	Bug	WEB-42196	Incorrect processing of destructuring arrays in rest elements
	Bug	WEB-32758	js: spurious "Invalid number of arguments, expected 0" inspection for the default sub-class constructor
	Bug	WEB-39805	Add other properties to Dynamic usages group
	Bug	WEB-41764	Optional chain tail is not evaluated properly
	Bug	WEB-39982	'Convert to const' in for loop with usages after the loop breaks the code
	Bug	WEB-22701	Include enclosing functions in call hierarchy
	Bug	WEB-14774	JSDoc: Show description for function in nested class (inherit description for function from parent)
	Bug	WEB-40046	Rename doesn't update @callback name in JSDoc
	Bug	WEB-37587	IntelliJ IDE Autocomplete for multiple extend not working in ES6 classes
	Bug	WEB-39938	Custom postfix templates for JavaScript and TypeScript don't work in TypeScript files

	Bug	WEB-42074	'Flip ,' works incorrectly with rest parameters
	Bug	WEB-37739	WebStorm doesn't understand Flow type annotation in array destructuring assignment
	Bug	WEB-40254	Broken auto-completions for relative paths for node.js require
	Bug	WEB-36893	Better mapping of file names to class names in code completion based on file name
	Bug	WEB-40432	Flow: Support explicit inexact object syntax
	Bug	WEB-40175	Flow error ranges don't update with the content
	Bug	WEB-40074	Gutter icon placed over documentation comment for implementations with computed property names
	Usability	WEB-39990	Improve availability for intention action of editing object literal property values
	Cosmetics	WEB-40170	'Replace destructuring with index access' when variable is unused shouldn't just drop the destructuring
	Exception	WEB-40533	Flow: exception for array destructuring with object literal
	Exception	WEB-42268	Destructuring using the postfix template fails with "cannot be cast to class" exception
	Exception	WEB-39892	Throwable is thrown for the JSUnusedGlobalSymbolsPass
JavaScript. Formatter	Bug	WEB-39993	Wrong indent before computed property name in TS interface
	Bug	WEB-40326	Incorrect indent for `debugger;` statement after code reformat (one less)
	Bug	WEB-15618	Formatting inside JavaScript doc comments - spaces inserted instead of tabs
JavaScript. Frameworks	Feature	WEB-42083	Vue.js: support precise documentation on directives
	Feature	WEB-31693	Vue: support details of components defined with @Component syntax
	Feature	WEB-38539	Editor not detecting invalid Vue.js syntax for error, "v-bind expression cannot be empty"
	Feature	WEB-40617	Vue.js: support source resolution for web-types
	Feature	WEB-42242	Angular: support Schematics with Angular CLI 9.0.0
	Feature	WEB-42113	Vue: Provide better type inference when using v-for with an object
	Feature	WEB-40022	Angular 8: support new recommended way of importing Angular Material components
	Feature	WEB-40166	Vue.js: improve web-types caching behaviour for local development
	Feature	WEB-40349	Vue.js: support web-types linked from the project's own package.json
	Feature	WEB-40221	Vue.js: try to provide web-types for not indexed dependencies
	Feature	WEB-42220	Angular: support new representation of metadata in Angular
	Feature	WEB-40094	Unresolved symbol ReactComponent when importing svg in React
	Bug	WEB-40051	'Convert to functional component' should be available if constructor contains only super call or 'state' assignment that is not used anywhere
	Bug	WEB-39865	IDE hangs when fixing formatting of particular vue.js code
	Bug	WEB-40214	Missing resolve of private props in vue components
	Bug	WEB-39680	[vue] False positive when boolean true is used in a class binding
	Bug	WEB-41883	"Undefined binding" inspection's severity is ignored when inspecting events.
	Bug	WEB-39829	Set JavaScript version to ECMAScript 6 when Vue.js project is created
	Bug	WEB-39725	JS icon is shown instead of VUE in 'File New' pop up
	Bug	WEB-40224	Vue.js: improve HTML and expression parsing and lexing

	Bug	WEB-41620	Angular: attributes from selectors in ng-content marked as not recognized
	Bug	WEB-42112	Vue: variables created by v-for are marked as unresolved
	Bug	WEB-39967	VueJS plugin + boolean prop = Wrong attribute value
	Bug	WEB-40591	System collation causes issues with lowercase letters in code
	Bug	WEB-39381	Vue tags are not resolved in case of indirect dependency (f.e. @nuxtjs/vuetify)
	Bug	WEB-42565	Relative paths in HTML and other files are broken in WebPack projects in IDEA
	Bug	WEB-37218	Vue: Component props should be at the top of completion list in template
	Bug	WEB-40515	False 'Missing required attribute' shown for Material components
	Bug	WEB-40304	Angular: Improve support for multi-slots
	Bug	WEB-40226	Angular component definition inspections should check if it's an Angular component
	Bug	WEB-38846	JSX Incorrect inspection "value assigned is never used"
	Bug	WEB-42458	WebStorm complains about abstract class not being in Angular module
	Performance	WEB-39909	Vue.js: migrate file type factories to new API
	Performance	WEB-39910	Angular: migrate file type factories to new API
	Performance	WEB-40417	Angular: performance problem with NgModule cyclic dependencies check
	Task	WEB-33709	Add auto-completion and auto-import for styled components
	Exception	WEB-39906	PsiInvalidElementAccessException in Angular project
JavaScript. Inspections	Feature	WEB-38437	Unused variables & parameters beginning with _ should be ignored
	Feature	WEB-19878	Add an inspection to show duplicated import statements
	Bug	WEB-40350	False positive 'Missing await' inspection for direct variable/expression assignments
	Bug	WEB-40213	Simplify incorrectly assumes variable inside catch block is always null.
	Bug	WEB-40388	Invalid 'Duplicate JavaScript declaration' warning when using unnamed 'class'
	Bug	WEB-39939	Method can be static inspection: by default use only for private methods
	Exception	WEB-39835	Quick Fix: JS : Plugin Intention Power Pack: Replacement if else with conditional caused an exception
JavaScript. Refactoring	Feature	WEB-29039	Typescript, also allow to move Symbols between .ts and .tsx files
	Bug	WEB-40071	Propagate to destructing declaration works incorrectly for rest-properties, rest-array-elements and rest-parameters
	Bug	WEB-39748	Extract superclass: making 'abstract' for pure JS throws and also doesn't work with TS fields
	Bug	WEB-36377	'Move module member' doesn't work in vue files
	Bug	WEB-38241	'Extract interface'/'Extract superclass' refactoring doesn't process all generics
	Bug	WEB-40263	Extract Method in typescript fails with exception in specific case
	Bug	WEB-39309	Moving module member exported with `export *` in 'index.ts' adds unnecessary export
	Bug	WEB-39229	Don't suggest 'destruct' postfix template for arrays
	Bug	WEB-40005	Bug in convert promise to async with destructuring and binary expression / object literals
	Bug	WEB-40822	'Insert await' quick fix should insert await for the variable initializer if there are no valid references featuring that variable
	Bug	WEB-40075	Self references (name of class) shouldn't be considered dynamic usages

	Usability	WEB-39069	'Propagate to destructuring': make available to the right of the identifier
JavaScript Templates	Bug	WEB-12164	Collapse/expand html code in script templates
	Bug	WEB-40178	Mustache Plugin doesn't respect configured indent sizing.
Linters	Feature	WEB-33171	Enable support for a different tslint configuration for *.spec.ts files
	Bug	WEB-39071	Editing .eslintrc.js triggers save immediately (triggering file watchers) regardless of settings
Node.js	Bug	WEB-42327	Linux: package manager yarn not recognized through nodejs snap
	Bug	WEB-42403	Node.js: Cannot Debug Docker Compose configuration
	Bug	WEB-42440	Download Node.js: update version to the latest LTS
	Bug	WEB-38037	working directory in run configuration for scratch file
	Bug	WEB-34628	Add completion for scoped packages in package.json
	Bug	WEB-39985	No completion for some packages in package.json
	Bug	WEB-39780	Can't select and copy link in npm tool window
	Bug	WEB-42176	Yarn PnP: Can't run Jest tests
	Bug	WEB-42175	Yarn PnP: Imports show long path to a package
	Bug	WEB-42171	Yarn's version is not shown in 'Preferences for New Projects Languages & Frameworks Node.js and NPM'
	Task	WEB-42280	Support standard with Yarn PnP
	Task	WEB-35908	Node.js console: URLs with `file://` protocol can't be opened
	Task	WEB-42131	Do not suggest adding node_modules folder to Git
	SASS	Feature	WEB-38529
Feature		WEB-41729	Add support for new @use and @forward at-rules
Bug		WEB-41886	SCSS imports with webpack aliases: wrong 'Cannot resolve directory' warnings shown for packages with `@` prefix
Bug		WEB-41982	SASS: import path completion doesn't work when using webpack aliases
Bug		WEB-42158	Import scss from node_modules - cannot resolve module node_modules (Vue, SCSS)
Bug		WEB-42000	SCSS in HTML snippet in Markdown file: false error for @import '~npm-module/some-file'
Performance		WEB-40135	Severe lag when typing a quoted string in a large SCSS file
TypeScript	Feature	WEB-40037	Enable duplicate declaration inspection in TypeScript files
	Feature	WEB-37052	Support TypeScript 3.4 non-widening literal contexts ('as const')
	Feature	WEB-40157	Enable duplicate declaration inspection in TypeScript files for classes/enums
	Feature	WEB-40270	Support TS 3.6 improved type checking for generators
	Feature	WEB-40201	Enable duplicate declaration inspection in TypeScript files for TS properties
	Bug	WEB-39860	'Specify type explicitly' breaks code when specifying type for a single-parameter lambda without parentheses
	Bug	WEB-39866	When I choose an item from completion as a parameter, an arrow function disappears
	Bug	WEB-39867	Typescript import mapping "Only in files outside specified paths" not working correctly
	Bug	WEB-39864	auto comp with readonly string array
	Bug	WEB-39868	'Specify type explicitly' is available in for-of, breaking the code

Bug	WEB-39747	"Method can be static" should not be shown for overrides in a derived class (TypeScript)
Bug	WEB-39999	Show line markers for implemented class fields
Bug	WEB-42103	TS Classes sometimes moved to Symbols in Search Everywhere
Bug	WEB-40320	typescript import from shows doesn't suggest installed packages
Bug	WEB-39827	TypeScript - specify types explicitly - not using aliased type in certain cases.
Bug	WEB-39823	TypeScript - Support for specifying inferred function parameters explicitly
Bug	WEB-40714	Intellisense doesn't resolve return types in async methods
Bug	WEB-42194	'Generate destructuring patterns' doesn't work on a property to which is assigned enum
Bug	WEB-40567	highlights wrong for value of enum in switch case of TypeScript
Bug	WEB-39994	color error when use `[enum.key]` in `interface`
Bug	WEB-42149	Incorrect type hint
Bug	WEB-38857	Show inferred types in parameter help.
Bug	WEB-40105	TypeScript 3.3.3+: Trailing comma in tuple types is marked as an error ("type name expected")
Bug	WEB-40107	Computed property ["constructor"] is parsed as constructor
Bug	WEB-40101	unexpected type resolution: optionality is not properly computed after applying type operations
Bug	WEB-40064	Line markers for parameter field -> parameter field + parameter field -> field
Bug	WEB-38817	should not check literal initializers for readonly/const values in .d.ts
Bug	WEB-40116	wrong Inlay Hints with nest Promise like
Bug	WEB-42050	WebStorm resolves tuple type param in jest.each to any
Bug	WEB-40385	Create derived class / implement interface" intention action. Wrong insert order
Bug	WEB-39818	Incorrectly inferred type in quick documentation for TypeScript for ternary operators and (some) conditionals
Bug	WEB-40276	Variable types in 'extends' clause are not properly evaluated for base types
Bug	WEB-40505	False positive Duplicate declaration for angular templates
Bug	WEB-39988	Gutter icon - navigate to definition (implements) not working on constructor shorthands
Bug	WEB-40944	Angular - "Make public" quick fix does not work if Decorator is present
Bug	WEB-40168	Save type when applying 'Replace destructuring...'
Bug	WEB-39984	Show line markers for overridden fields in derived classes
Bug	WEB-39989	Implementation not found for property getter if class field is used
Bug	WEB-39974	False positive for unreachable switch branch in TS with const-context types
Bug	WEB-38637	Type guards: weaken narrowing of '==' to not narrow in case of references on both sides
Bug	WEB-40025	typescript auto-import causes circular dependency
Usability	WEB-40334	Implement required members in Typescript
Usability	WEB-40057	Search Everywhere - impossible to understand where external declaration is coming from
Usability	WEB-40482	Properties are not suggested when using Omit

	Task	WEB-39897	Check for readonly assignments with dynamically inferred properties (const contexts, readonly props of object types, readonly mapped types)
	Exception	WEB-39916	Non-idempotent computation: it returns different results when invoked multiple times or on different threads: 7 != 4 which is length of CachedValue dependencies: [file://C:/dev/mainline/src/Pri...
Unit Tests	Feature	WEB-39905	Support navigating to the test files without .test. or .spec. in the name located in the test folder next to the feature
	Feature	WEB-35244	cucumber-js defineSupportCode is deprecated in generated code
	Bug	WEB-40160	`Rerun failed tests` returns incorrect result with duplicates