

# CLion 2020.1 EAP (201.4865.10 build)

No subsystem	Feature	CPP-866	Add support for CUDA
	Feature	CPP-5304	Link to header and source files on nvcc error messages.
	Feature	CPP-18720	Add New CUDA project to Project Wizard
	Task	CPP-18897	Fix CIDR icons naming
	Bug	CPP-5266	Support syntax of basic cuda kernel calls from c++
	Bug	CPP-11601	EditorHyperlinkSupport may lead to freeze
	Bug	CPP-15185	Find in path panel might cause freezes in EDT
	Bug	CPP-16762	No "create new definition" quick fix if "typo" quick fix is present
	Bug	CPP-16971	Any IDE inserts redundant closing curly brace
Code: Completion	Bug	CPP-18122	Complete noexcept in function definition
	Bug	CPP-3445	No appropriate keyword completion after type modifiers
	Bug	CPP-18000	clangd completion only: Show proper icon for framework directories
	Bug	CPP-18070	clangd completion only: No completion for 'using' in template alias
	Bug	CPP-18360	Arrow/dot correction in completion broken by using declaration
	Bug	CPP-18389	Clangd completion doesn't suggest access identifiers and base class for derived class
	Bug	CPP-18805	Preprocessor directives are duplicated
Code: Indexing	Bug	CPP-18635	`.cu` files are not indexed correctly
Code: Clangd	Bug	CPP-16806	clangd: navigation sometimes navigates to the wrong place
	Bug	CPP-17239	clangd crashes at net_plugin.cpp from eos
	Bug	CPP-17924	clangd completion only: the best choice for ret is not return
	Bug	CPP-18845	Don't show a name hint in init list if there's a comment matching parameter name
Code: Formatting	Bug	CPP-18644	Odd treatment of macros by "Reformat code" inside macro argument
	Bug	CPP-17743	Indentation via ClangFormat: incorrect indent before label
	Bug	CPP-18208	Indentation via ClangFormat: incorrect indentation after pressing backspace
Embedded	Usability	CPP-17201	Embedded GDB Server should Reset after executable download
Code: Navigation	Bug	CPP-13316	Navigation from find popup might freeze
Dynamic Analysis Tools	Bug	CPP-17397	Debugging binaries built with address sanitizer substantially slows down my application
	Bug	CPP-18140	Rename action from `Import` to `Import Valgrind XML Result`
Project Model	Bug	CPP-18414	Compilation database: Build tool windows should be opened first time
	Bug	CPP-18581	Invalid JAVA_HOME in Gradle projects
Code: Highlighting and Inspections	Bug	CPP-18911	Structured Bindings don't receive syntax highlighting
	Bug	CPP-16694	False positive / incorrect header flagged by 'unused #import directives' inspection
	Bug	CPP-18312	clangd DFA: java.lang.ArrayIndexOutOfBoundsException after creating for loop when std::move is used in a file
Toolchains	Feature	CPP-10711	Support Clang on Windows (clang-cl, MSVC)

	Task	CPP-15998	Update jsch-nio to 1.0.14 version which has to work with FreeBSD
	Bug	CPP-17855	Automatic upload doesn't work for remote mode
IDE Preferences	Bug	CPP-18888	Default CMake profiles are not working
Project and File Wizards	Bug	CPP-18803	Support targets from cuda_add_executable()/cuda_add_library() in New File dialog
Unit Testing	Bug	CPP-18860	Move CLion test plugins to `Test tools` section in Plugin Settings page
Code Analysis. Structural Search	Bug	IDEA-231441	Enum constant argument lists and enum constant initializers are not matched
Core. IDE Settings	Bug	IDEA-215102	Services view: Run Maven Build action output appears incorrectly in case of Maven run configurations including to the list of RC templates available in services
	Exception	IDEA-228348	SystemHealthMonitor - NPE
Core. Installation	Feature	IDEA-195719	Extract Java support to a separate plugin in IntelliJ IDEA
	Task	IDEA-203640	Remove dependency from intellij.platform.util to platform.resources.en
Core. Platform API	Bug	IDEA-228248	avoid "Calculate method parameter info in non UI thread" to restart daemon
Core. Plugin Management	Bug	IDEA-231564	Plugin disabling by toggling it off in the Find Action popup disables a lot of plugins that don't depend on it
	Bug	IDEA-231658	Plugins: on enabling plugin the plugin(s) it depends on are not enabled automatically
	Bug	IDEA-231814	Enabling/disabling dynamic plugin via Actions always suggests restarting
	Cosmetics	IDEA-231654	Plugins: correct text in 'Disable Dependent plugins' dialog
	Exception	IDEA-231562	Velocity plugin enabling causes exception
	Exception	IDEA-231648	AE at com.intellij.ide.plugins.newui.RestartButton.lambda\$new\$0
Core. Run. Targets	Bug	IDEA-231610	Java debug for docker target fails with `Ports are not available: socket: too many open files`
Core. SSH	Exception	IDEA-230859	IDE Exception when trying to start SSH session
Core. Statistics	Task	IDEA-229358	Please make com.intellij.statistics.validation.customWhiteListRule dynamic
Editor. Editing Text	Feature	IDEA-160396	Make `Delete to line start` action behavior consistent with Mac
	Bug	IDEA-229719	Editor loses selection when context menu is opened
Editor. Intention Actions	Performance	IDEA-228916	IntentionAction.isAvailable() shouldn't be called in EDT on F2 / Shift+F2
Lang. JSON	Bug	IDEA-231779	JSON Schema Validator: Integer values restricted to 32 bit during validation
Lang. Shell Script	Bug	IDEA-231148	Shell: Parsing error for quoted string expansion `\${...}`
Lang. XPath and XSLT	Usability	IDEA-231642	Add proper highlighting of injected XPath in macOS/Windows Light
Tools. Docker	Feature	IDEA-218179	--network is not a recognized docker build option
	Bug	IDEA-207582	Cannot use more than one terminal in container using exec `/bin/bash`.
	Performance	IDEA-217045	Docker. FileChooser: expanding folders/opening files from docker-machine containers leads to freezes or makes idea work slowly
User Interface. Accessibility	Bug	IDEA-225647	Mnemonics not working on "View Mode" menu items.
User Interface. Console View	Usability	IDEA-231959	Cannot see whole Java path on Windows in Run/Debug console

User Interface. Controls	Cosmetics	IDEA-225998	Scroll bars background is not transparent
User Interface. Focus	Bug	IDEA-231836	Focus is moved to wrong IDE windows when modal dialog appears
	Bug	IDEA-202932	Unexpected workspace switching after showing MacSheets dialog
User Interface. Keyboard Input	Bug	IDEA-219679	Keymaps plugins don't work in AppCode and DataGrip
User Interface. Look and Feel	Feature	IDEA-232027	Make selection in IntelliJ scheme lighter to leave highlighting
	Bug	IDEA-231665	Dracula theme broken with 201.3803.71 update
User Interface. Navigation	Bug	IDEA-231596	Enum method is not correctly selected in navbar
	Bug	IDEA-231342	Weird nav bar for lambda: surrounding class is missing
	Cosmetics	IDEA-231316	Select the whole line in NavBar popup
User Interface. Project View	Usability	IDEA-224710	Project view does not show current focus when selecting via keyboard
Code Insight	Bug	PY-39848	Unexpected argument flask set_cookie samesite
	Bug	PY-20708	Return type of hashlib.md5() is unknown
	Bug	PY-39956	code completion for " from itertools import prod.."
Console	Bug	PY-40179	A port on 0.0.0.0 is being opened for listening when launching Python console
Inspections	Bug	PY-19522	"Unexpected Argument" when registering CSV dialect
	Bug	PY-32123	Raw format strings expect backslashes to be escaped
	Bug	PY-28784	PyCharm no longer understands distutils structure
Refactoring	Bug	PY-26286	Intention "Convert from variadic to normal parameters" breaks function definitions if the same item is accessed multiple times
Test Runner	Bug	PY-25586	Predefined working directory in defaults breaks test runners
No subsystem	Bug	DBE-8871	Can no longer add "external schemas" in schema list (Redshift)
DB Diff	Bug	DBE-8835	Schema diff comparison with DDL. Don't show differences for native and default words
DB Introspection	Bug	DBE-8344	Viewing or editing procedures on DB2 for i (AS/400) systems fails
	Bug	DBE-8504	DB Synchronize failure
	Bug	DBE-4856	Azure: db_id() doesn't work, we need a workaround
DB Refactoring	Bug	DBE-8889	Sqlite Constraint Check lost when table is modified
DB Schema Views	Usability	DBE-1476	Change shortcut for Refresh action in Database Tool Window
Data Import & Export	Feature	DBE-2640	[Feature Request] Download query output as markdown table
	Bug	DBE-8732	CSV Import - please swap default LOB from Text to varchar(max) to better support modern (post 2005) versions of SQL Server
Data Views	Bug	DBE-8788	BLOB Record modifications in Database explorer, after automatic reload, shows a Java object reference
	Bug	DBE-8857	Query width gets wider and wider with each return (visual bug)
SQL Completion	Bug	DBE-8785	Some objects are not loaded in the completion popup
SQL Format and Style	Bug	DBE-8845	Cursors need to be left-aligned
SQL General	Bug	DBE-10031	Everything is red
SQL Generation	Bug	DBE-8826	After editing a package, the last ; is removed during submission to database

SQL Highlighting

Feature

DBE-8330

Datagrip literals auto-injection