

Release Notes

ClearSQL 8.1.1 (build 224)

IMPROVEMENTS

- **Core**
 - Improved the application installation procedure:
 - The Conquest application installer now checks for the installation of Oracle Client and other prerequisites for a successful database connection.
 - The user is forwarded to the Conquest website to see the full set of database connection prerequisites and install Oracle Client, Instant Oracle Client, or Microsoft Visual C ++ Redistributable Package for Visual Studio.
- **CRUD Matrices**
 - It is now possible to view subprograms from a CRUD1 matrix, locate them in code, and view call trees for each subprogram.
 - Added support for CRUD2 matrices at the column level:
 - Columns are now shown as subnodes of dataset objects.
 - It's possible to view matrices for multiple columns.
 - The vertical layout of headers in CRUD1 matrices is now also available in Chrome and Firefox.
- **Analyzer View**
 - Updated the order of tabs in the Project Analyzer and Script Analyzer View.
 - Added the ability to hide/show tabs in the Project Analyzer and Script Analyzer View:
 - Tabs are now listed on the "View > Project Analyzer View Tab/Script Analyzer View Tab" menu and can be enabled/disabled with the checkmarks.
 - By default, some of the Script Analyzer View tabs are now hidden.
- **Database Connection Window**
 - Added the ability to select Oracle Home from the drop-down list in the Database Connection window.
 - Added the ability to select all/none connections in the Last Connections list.
 - Added the ability to export and import database connections to and from XML.
- **Database Connection Options**
 - Updated the layout of the Connection Settings window.
- **Code Formatter**
 - Added a new linefeed "Before the RETURN clause of a function declaration".
- **Code Insight**
 - The Code Insight window is now resizable; it is possible to save/restore window size.
 - Removed the colon ":" between a topic and a value.
 - Datatypes are now displayed right after the column name.
 - Datatypes of parameters and variables are now displayed in the Code Editor.
- **Code Analyzer**
 - Windows username is now always shown as a part of user comments.
- **Code Review Rules**
 - The violation of the rule "The alias is missing for a table reference in a multi-source query" is no longer raised if the table name used in the query is shorter than 4 characters.
- **Search Tool**

- A double-click on a search result now locates the corresponding line of code in the Code Editor.
- Added the “Locate in Code Editor” command to the Search pop-up menu.
- **Project Report**
 - Full support of Unicode.
- **Online Support Desk (OSD)**
 - The OSD window and the New Message window are now displayed on the main window taskbar.
- **Installer/Updater**
 - On uninstalling the Conquest tool, the user is now forwarded to the website to fill out a short form explaining the reasons to quit.

BUGS FIXED

- **Project Tree**
 - Creating new project scripts and/or folders now removes highlighting from the previous selection.
 - On trying to perform bulk synchronization of scripts with their database sources, the Project Tree pane is no longer colored in black and the application icon no longer becomes inactive.
 - After clicking “Refresh selected linked source”, scripts now get the “Link validated” status.
- **Code Review Rules**
 - The rule “Unreferenced parameter” is no longer violated when the parameter is referenced only in the RETURN statement.
 - The rule “Runtime concatenations of string literals affect performance” now works correctly.
- **Code Formatter**
 - Fixed indentation of the PL/SQL CASE expression.
 - RAISE_APPLICATION_ERROR is now treated as an Oracle built-in procedure and is included in the user dictionary in upper case.
- **Code Analyzer**
 - Enabling the “Tagline” option no longer removes line breaks, causes code line duplication, or adds empty lines.
- **Import Wizard**
 - The error “No argument for format” no longer occurs on trying to import files from the Project Tree pop-up menu.
- **Summary Into**
 - The Quality Trend panel is no longer empty when the root project node is selected with the checkmark in the Project Tree.
- **Job Manager**
 - Clicking “Run Job Now” no longer makes the initial application instance inactive.
- **Analysis History**
 - Changing the identifier case no longer causes the Code Metrics history to disappear after re-analyzing the script.
- **Synchronization Settings**
 - Fixed the width of the filter fields.
- **Main Window**
 - Autofit now works correctly when the Project Tree is disabled in the active workspace.