

Release Notes

ClearSQL 7.0.4 (build 377)

IMPROVEMENTS

- **Code Review Rules**
 - Added new rules:
 - “Avoid using 4 or more nested IF statements”
 - “Avoid using 2 or more nested CASE statements”
 - “Avoid using 3 or more nested LOOP statements”
 - “Avoid using 4 or more nested mixed statements (IF/CASE/LOOP)”
 - “Exceeded block/control structure nesting. Consider defining a new subprogram”
 - “Avoid use of a deprecated CHOOSE optimizer hint”
- **Code Metrics**
 - Implemented single-click navigation on the Code Metrics tab.
- **Code Review Rule Builder**
 - By default, the filter is now set to “Any”.
- **Preferences**
 - *ClearSQL* now checks the existence of a folder selected in the “Default project location folder” field.
- **Online Help**
 - Added a new topic describing job initialization from a third-party scheduler “Running a job from a third-party scheduler”.

BUGS FIXED

- **Code Review Rule Builder**
 - Fixed sorting of the code review rules.
 - Fixed the alignment of digital values in the grid.
 - The “XML for Code Sample” box now appears unavailable (dimmed) for non-XPath rules.
 - “Revert Modifications” is now applied only to the selected rule(s), not to all the modified rules.
- **Diagrams (Flowcharts, Call Trees, CRUD Matrices)**
 - Call Trees are now correctly generated for anonymous blocks of a CRUD2 matrix.
 - Removed the “Show Call Tree” menu command for the root items of a package.
 - Opening a flowchart in an external browser now works correctly.
 - Fixed multiple selection of CRUD matrices.
- **Code Analyzer**
 - The rule “Exception is not handled inside the unit” no longer raises violation for subprogram declarations.
 - The analyzer no longer treats exception declarations in packages as functions.
- **Job Manager**
 - An access violation no longer occurs on trying to open *ClearSQL* during report generation in the hidden mode.
- **Structure View**

- The “List index out of bounds (0).” error no longer occurs on trying to apply autofit on the Structure View tab.
- **Link Manger**
 - (*64-bit version only*) The “Link” and “Relink” buttons are always active now.
- **Project Analysis History**
 - The Project Analysis History tab no longer gets empty after clicking “Collapse All”.
- **Code Review Rules**
 - Autofit is now applied correctly to the Rationale and Code Sample panels in the Script Analyzer View.
- **Code Editor**
 - Cut, copy, and paste now work correctly for scripts with errors.
- **Project Tree**
 - An access violation no longer occurs on switching between items in the Project Tree.
 - Clicking in the Project Tree panel during deletion of multiple project items no longer raises errors.
- **Import Wizard**
 - Objects are now imported without quotation marks around their object names.
- **Analyzer View**
 - Fixed the look&feel of the Properties tab when DPI 125 or higher is applied.
 - The Properties tab now shows correct parser and DB statuses for new scripts.
- **Project Report Assistant**
 - Fixed the behavior of the “Create and save the report in its own folder” option.
- **GUI**
 - The “What’s New?” window no longer hides behind the main application window.
- **Main Toolbar**
 - Fixed the layout of the UI elements in the “Customize ‘Main’ toolbar” window.