

# Release Notes

## SQLDetective 4.7.2 (build 228)

### NEW FEATURES

- **NEW:** Code Review Rule Editor. *SQLDetective* now allows creating new custom Code Review Rules for PL/SQL.
  - New rules use the XML Path Language and have no user or feature limitations.
  - The rule editor supports Code Insight.
  - You can clone and modify the existing rules.
  - You can assign each rule a custom category and a code element used in this rule.
- **NEW:** Significantly increased the number of Code Review Rules. *SQLDetective* now features over 170 built-in rules for PL/SQL code analysis.
- **NEW:** Added the ability to define severity levels for the rules: Critical, Major, Minor, and Trivial. You can rename them to your liking at “Code Analyzer Options > Code Review Options > Severity”.

### IMPROVEMENTS

- **Code Analyzer**
  - Support for a compound DML trigger.

### BUGS FIXED

- **Core**
  - Fixed the Rollback feature.
  - An access violation no longer occurs on trying to select a disconnected session from the “Sessions” drop-down list. The error appeared only when 125% DPI and higher was applied.
- **SQL Editor**
  - A Session name is now detected correctly on executing a statement when there are several active connections.
  - Autofit is now applied correctly to the columns on the Data Output tab after refresh.
  - Oracle identifier names are now cut according to the number of characters defined at “Preferences > Code Editors > SQL Editor > SQL Output”.
  - The SQL Editor now correctly locates an error detected in several lines of code.
- **Stored Program Editor**
  - Execution of stored programs no longer turns empty results.
- **Object Navigator**
  - Object Privileges are now shown correctly in the ContentSelector.
- **Export and Import Data**
  - The list of data formats is no longer cut.
  - Errors that occur during an import process (if any) are now written to an import log and do not interrupt the process.
  - Number values are now correctly exported to MS Excel.
- **Code Assistant**
  - The Code Assistant window now opens without a delay.

- **Smart Dataset**
  - The title of the Smart Dataset window no longer disappears from the title bar.
- **PL/SQL Debugger**
  - The error “Query thread is still in progress” is no longer handled by the EurekaLog.
- **Session Navigator**
  - The Session Navigator window is now displayed correctly after changing screen resolution.
- **HTML Editor**
  - Unicode symbols are now correctly displayed in the HTML Editor.
- **Group Action**
  - Group actions are now executed correctly for procedures and functions.
- **Code Analyzer Options**
  - Resetting code review options to default now works correctly.
  - Disabling legend for call trees now works correctly.
- **GUI**
  - The “What’s New?” window no longer hides below the main application window.
  - Toolbar buttons on the Scene and SQL Execution History tabs now correctly fit in when the tabs are minimized.
- **Preferences**
  - An active status of Annual Maintenance & Support is now changed correctly after applying a new license key.
  - An error that occurs on trying to save preferences with empty fields on the Print tab is no longer handled by the EurekaLog.
- **Oracle Documentation Browser**
  - Building documentation library indices now works correctly.
- **Icon Dictionary**
  - Errors no longer occur on canceling movie download.