

# Release Notes

## ClearDB Documenter 5

### NEW FEATURES

- **NEW:** Added the ability to attach files to pages of generated documents (in *docuVIEWER* only):
  - Attached files are shown at the top of the content page.
  - Pages that have attachments are marked with a special icon (paper clip) in the tree.
  - The ability to add and remove attachments is available in *docuVIEWER* only.
- **NEW:** Added the ability to add comments on the pages of a *Docu* and a *Docu* Comparison Report.
- **NEW:** Added the ability to open pages of a generated document in separate tabs and pin them.
- **NEW:** Added the ability to display objects included in a *Docu* in different modes: display objects in a separate “Object List” panel (new) or as subnodes in the *Docu* Tree (default). The Object List view dramatically reduces time of object loading. The Object List mode provides the ability to
  - sort objects alphabetically
  - filter objects by object statuses
  - search for objects in the list; support of wildcards
  - switch between the display modes “on the fly” by clicking the corresponding toolbar button (available on the object type level only)
- **NEW:** Added the ability to generate a standalone Database Security Audit Report.
- **NEW:** Code Review Rule Editor. *ClearDB* Documenter 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. *ClearDB* Documenter 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”.
- **NEW:** Added the ability to extract DDL using the Oracle package DBMS\_METADATA.
- **NEW:** *ClearDB* Documenter is now available in the 64-bit version as well.

### IMPROVEMENTS

- **Docu**
  - Subprogram parameters are now shown for packages similar to functions and procedures. The “Subprogram Parameters” section now goes after “Code Errors and Warnings”. To remove this section, disable the corresponding options at “*Docu* Content Options > Database and Objects > Object Options > Schema/Non-Schema Object Types”.
  - Improved look&feel of the “Locate in Source Code” pop-up menu, which opens on right-clicking Call Tree elements.
  - Changes in *Docu* structure:
    - Moved tables with database information (version numbers of core library components, properties, license, etc.) to a separate page “Database objects and properties” in the “DB & Objects” section.

- Removed tables with Observations and Security Audit information from the “DB & Objects” page.
- Removed the “Valid” column from the “DB Status” table on the “DB & PL/SQL Observations” page.
- Moved the list of options used for *Docu* generation to a separate “*Docu* Options” page in the “*Docu* Overview” section. The first-level node “General Options” is expanded by default.
- If a template was used for *Docu* generation, its name is now shown on the “*Docu* Options” page, in the “General Options > *Docu* Description” section.
- Changes in *Docu* structure:
  - Moved tables with database information (version numbers of core library components, properties, license, etc.) to a separate page “Database options and properties” in the “DB & Objects” section.
  - Removed tables with Observations and Security Audit information from the “DB & Objects” page.
  - Removed the “Valid” column from the “DB Status” table on the “DB & PL/SQL Observations” page.
  - Moved the list of options used for *Docu* generation to a separate “*Docu* Options” page in the “*Docu* Overview” section. The first-level node “General Options” is expanded by default.
  - If a template was used for *Docu* generation, its name is now shown on the “*Docu* Options” page, in the “General Options > *Docu* Description” section.
- Removed the “Parser Error” page for wrapped code.
- Moved the “Code Errors and Warnings” section up, next to “Properties”.
- For wrapped code, the text “The object source code is wrapped and cannot be analyzed” is now shown in the “Code Errors and Warnings” section.
- A new link “Overview” was added to the object page. Clicking on it returns to the page with object properties and other general information.
- Improved text shown on a *Docu* page with an unavailable diagram.
- **Output Documents**
  - Added the ability to filter the *Docu* Tree and the Report Tree by user attachments and comments.
  - Added the ability to search the *Docu* Tree.
  - The history of recent search requests is now available in the “Filter” box in the “Object List” panel. Requests are saved separately for each object type. They are saved permanently and do not get lost after closing the *Docu*. The feature is available in *docuVIEWER* only.
  - Added an instant help message to the “Filter” box in the “Object List” panel with the description of how to use wildcards in the filter.
  - Missing attributes of a stored program were added to the “Parameters” table: “Defaulted”, “Default Value”, “Character Set Name”, “Position”, “Sequence”, “Data Level”, “Type Owner”, and “Type Name”.
  - Links of open pages are now colored in red (not gray).
  - The header of a document now automatically collapses after 30 seconds.
  - Implemented dynamic loading of nodes in the *Docu* Tree and in the Report Tree, which significantly speeds up the process of expanding nodes with a large number of subnodes.
  - Improved hints of nodes in the *Docu* Tree and Report Tree.
  - Improved readability of similar tables in Source 1 and Source 2 *Docus* by applying equal width to their columns.
- **Database Security Audit**
  - A new option “Security Audit only (no objects included)” was added to the Database Object Tree step. When enabled, a *Docu* is generated including only a Database Security Audit Report.
  - The Security Audit feature is now available when Oracle Net Service Name is resolved via the LDAP directory server.
  - It is now possible to generate a Security Audit Report for LDAP database connections.

- Enhanced security audit engine.
  - Database security scores are now calculated in percentage.
  - Updated description of the “Database Security Score” section on the “DB Security Audit” page in a *Docu*.
- **Docu Content Options**
    - Moved the *Docu* subtab one level up, so now it goes first on the “General” tab.
    - Added the ability to add/remove user attachments and comments from the original *Docu* to an actualized *Docu*.
    - A new option “Display objects in *Docu* Tree” was added to “*Docu* Content Options > General > Look&Feel > *Docu*” (disabled by default):
      - When disabled, objects in a *Docu* are displayed in a separate “Object List” panel.
      - When enabled, objects are displayed as subnodes in the *Docu* Tree, which may slow down the tree loading process if folders contain a large number of objects
    - Improved a message that appears on disabling Object DDL globally (clearing the check box in the “Extract DDL” subtab header).
    - Removed the “Encoding” option from “*Docu* Content Options > General > Look&Feel > HTML General Style” because *ClearDB* Documenter now generates documents in UTF format.
    - A new indication was added to the status of object type attributes: UD – inclusion/exclusion of the option depends on the User Defined settings.
    - Global disabling of R&D and ER diagrams (clearing the check boxes in the “R&D Diagram” and “ER Diagram” subtab headers) now makes the corresponding “R&D Diagram” and “ER Diagram” check boxes at the object type level unavailable (dimmed), but does not change their state.
    - The “Display Remark in Legend” check box at “Compare > *Docu* Content Options > General > Look&Feel > HTML General Style > Source 1 and Source 2” was renamed to “Display Remark for differences”.
    - Improved hints that appear on pointing to the headers of “ER Diagram”, “R&D Diagram”, “Code Audit” subtabs when these features are disabled.
    - Improved messages that appear on disabling Code Audit and ER and R&D diagrams globally.
    - Improved hints that appear on pointing to the check box in the “Extract DDL” subtab header. Texts in the hints differ depending of the option’s state.
    - Added instant help with the description of options on the “*Docu*” subtab.
  - **Docu Comparison Report**
    - The “Connection String” and “DB Type” columns were removed from the “Comparison Report description” table as irrelevant.
    - Improved text comparison engine.
    - Figures indicating the number of objects were added to the “Database Objects” and “DB Security Audit” nodes in the Report Tree.
    - It is now possible to collapse long tables with comparison results. The “Collapse”/“Expand” links are now available above tables that show differences (NEQ = “not equal”) in the objects of the compared source *Docus*.
    - Structural and UI changes:
      - The “Comparison Report” page shows the overview information of the compared *Docus*.
      - The “Database Objects” node was renamed to “DB & Objects”.
      - Figures at the end of node names show the number of schemas/objects in the section.
  - **Core**
    - Added the ability to open Release Notes for *ClearDB* Documenter and *docuVIEWER* from the Help menu.
    - Applied new End User License Agreement.

- New email address to contact Technical Support: “tech-support@conquest-us.com” (used instead of “support@conquest-us.com”).
- **Database Object Tree**
  - Significantly sped up object loading process for large databases.
  - Added hints with the explanation of totals shown below the object tree.
  - Figures showing the number of objects/schemas in the Database Object Tree are now shown in italics if the objects are not loaded yet.
  - Improved warning messages that appear after selecting a large number of objects to be included in a *Docu*.
  - The “Show checked items only” option is now enabled by default in the Type 2 *Docu* creation mode and in the Job Manager.
  - Two commands were renamed on the “Load Objects Now” menu:
    - “Load Objects of Checked Object Types/Schemas/DB” renamed to “Load Checked (Selected) Objects Now”.
    - “Save List of Loaded Objects to File” renamed to “Save Loaded Objects to File”.
  - Improved text of the “Objects included” instant help.
- **Generation Status and Log**
  - Processes that take much time during document generation, such as Database Security Audit, generation of diagrams at the schema level, etc., are now indicated by an animated icon to avoid the impression the application has stopped working.
  - During generation of Call Tree diagrams and CRUD2 matrices, the number of currently generating/total number of objects are shown in the generation log.
  - As a first step of *Docu* Comparison Report generation, *ClearDB* Documenter copies source *Docus* to a temporary folder, which may take a long time if *Docus* are very big. To avoid the impression that the application has hang, the text “Copying source *Docu(s)* to temporary folder...” was added at the beginning of the comparison report generation log.
  - The generation log now displays more details during Database Security Audit:
    - each policy being processed
    - policy name and the total number of policies
    - number of the policy being processed
    - total number of checks
    - number of the check being processed
  - Along with generation time, *ClearDB* Documenter now shows generation date for each generation process.
- **Code Review Rules**
  - New code review rules:
    - “Raise of a user-defined exception with the RAISE statement”. This rule raises a violation when the RAISE statement is used to trigger programmer-defined exceptions.
    - “The alias is missing for a table reference in a multi-source query”. This rule raises a violation when the alias is not specified after a table reference clause in the FROM clause of a query, except for single-table queries and references to the DUAL table.
    - “‘Magic’ hard-coded literal numeric value is used in PL/SQL code” and “‘Magic’ hard-coded literal string value is used in PL/SQL code”. These rules raise violations when literal numeric/string values are detected in the analyzed code. There are exception cases when usage of these values is not treated as a violation. The exceptions are listed in Rationales of the rules.
  - The rule “Specify a full column list (as opposed to using “\*”) in each DML statement and cursor” no longer raises violation for the SELECT...INTO statements that have only one INTO variable which belongs to %ROWTYPE of the same table as in the FROM clause.
- **Code Analyzer**

- The CAST function now supports expressions that contain the aggregate function with the FIRST/LAST analytic function.
- Cyclomatic complexity is now counted for PL/SQL blocks.
- Anonymous blocks now have indexes in the Code Analyzer results if there are several blocks in the script.
- Support for a compound DML trigger.
- **Code Analyzer Options**
  - The options “Combine consecutive ‘subprogram call’ and ‘assignment’” on the “Flowchart” page was renamed to “Combine consecutive non-DML process blocks”.
  - A new group of options “Flowchart Layout Type” was added to Code Analyzer Options making it possible to select the flow of diagram blocks: from top to bottom and from left to right.
  - A new option “Cursor IN” was added to the “Parameter Name” naming rule template checking the name of the cursor parameter for compliance with the naming rule.
  - A new option “Number of blank lines between subprograms in a package body or type body” was added to “Code Analyzer Options > Formatter Options > Linefeeds”. When enabled, the Formatter adds the specified number of lines between subprograms in a package body and in a type body.
- **Diagrams (Flowcharts, Call Trees, CRUD Matrices)**
  - Disabling the legend for one of the diagrams in a *Docu* now disables it for all other diagrams and matrices until the *Docu* is open.
  - The CRUD legend was moved to the “Filter” panel.
- **DB Connection Window**
  - User names are now always written in uppercase.
  - The check box in the “Select Database Edition” window was renamed to “Don’t show me again (use selected edition as default)”.
  - A new message “The database to which you are trying to connect has only one edition.” is now shown on trying to open the “Select Database Editions” window (by clicking the “Editions” button) for a database that has only one edition.
- **Docu Manager**
  - The following columns were removed from the *Docu* Manager and *Docu* Explorer in *docuVIEWER*: Type, Version, Format, *Docu* File Name.
  - A new option “Add to *Docu* list” was added to the “Save As” dialog box, making it possible to automatically add a *Docu* to the *Docu* list after it is saved to a new location/with a new name. The option is enabled by default.
  - Sped up the deletion process of large documents and improved its visual representation.
- **Job Manager**
  - It is now possible to run a job via a command line script from a third-party scheduler. A “Create Batch File” button was added to the toolbar of the manager.
- **Online Support Desk (=OSD)**
  - Improved look&feel of the “OSD – New Message” window.
  - Entering “I AGREE” to send an OSD message with attachments was replaced with an “I agree to send these recommended attachments” check box. Enabled by default.
  - A new instant help was added to the “OSD – New Messages” window describing Conquest privacy policy regarding OSD attachments.
  - It is now possible to create drafts of new OSD messages without Internet connection.
  - Text encoding was changed to UTF-8.
  - It is now possible to preview an OSD message even if required fields are not filled in.
  - OSD now allows sending message to Technical Support even after license expiration.
- **Installer/Updater**

- Included the “<home>\oui\lib\win32” folder to the PATH environment variable before OCI initialization in addition to “<home>\bin”.
- A full version number of the application is now shown on installing a newer version into an existing application folder.
- Manual entering of “I AGREE” to confirm the license agreement was replaced with the “I agree/do not agree” radio buttons.
- **GUI**
  - Status of a currently running job is now shown on the title bar of the main window.
  - Pressing “Enter” now moves the cursor to the next field. This was implemented in all places in *ClearDB* Documenter where it is necessary to define a password and its hint.
- **Processing Time History**
  - Improved look&feel of the “Processing Time History” window.
- **Tray Notifications**
  - Notification about Annual Maintenance & Support (AMS) renewal on the renewal date.
- **Release Notes**
  - It is now possible to open release notes of *ClearDB* Documenter and *docuVIEWER* by clicking the corresponding commands on the “Options” menu.
- **Object List**
  - Added the ability to filter the Object List by the same criteria as the *Docu* Tree and Report Tree.
- **Preferences**
  - Reorganized the options on the “Session” page so that disabling “Check query execution idle time on *Docu* generation” now disables all the related options as well.
- **Templates**
  - On loading a template, the user is now prompted that unsaved settings and object selection will be lost.”
  - Sped up the process of loading large templates.
- **Online Help**
  - Added the description of how to update through the file system to the “Updating *ClearDB* Documenter” topic.

## BUGS FIXED

- **Database Object Tree**
  - When a template is loaded, the object tree is no longer empty after changing database connection.
  - Filtering of the Database Object Tree by checked items only in a job is now saved after the job completion.
  - The “Load”/“Break” and “Processing History” buttons no longer disappear after loading a template with a database connection that is not listed in Last Connections.
  - The total number of included objects shown below the object tree no longer differs from the total number shown in the corresponding instant help message because non-schema objects are now counted correctly.
  - If the recommended limit of select objects was exceeded, the totals and instant help icon now stop blinking after disconnecting from the database.
  - Clearing the check box of a schema or object type node in the Template Object Tree after refresh no longer makes this node disappear.
  - Radio buttons in the “DB Object Tree – Loading Progress” panel are no longer unavailable (dimmed) when a template without any selected objects is applied.

- Object types that were selected in the Database Object Tree and then moved to the Exclusion Profile now appear back in the object tree after being removed from exclusion and if the tree is filtered by “Show checked items only”.
- Automatic delay of object tree loading now works correctly in a job.
- Clearing all check boxes in the Template Object Tree no longer triggers the “Nothing to show, no items checked!” message when the “Show DB and template items” option is enabled. The “empty” (no items checked) Template Object Tree is shown instead.
- Enabling the “Show DB and template items” option now correctly loads the Database Object Tree when a template without any selected objects is applied.
- A warning message now appears on clicking “Next” on the Database Object Tree step when a template with empty object types selected for generation is applied.
- Removing autorefresh from a checked node no longer removes the check mark.
- **Docu**
  - The “Regenerate” button no longer appears on the “R&D Diagrams” page for scheduled job if no diagrams are available.
  - Links in overview graphs now work correctly.
  - Options related to Source 1 and Source 2 *Docus* that are available in the Comparison mode no longer appear in the list of used options when a *Docu* is generated in the Actualization mode.
  - Pages of attributes are now generated correctly for scheduled jobs.
  - Pointing to links of object attributes shown at the top of content pages now displays hints even if the links are unavailable (dimmed).
  - Diagrams generated at the database level were moved up in the *Docu* Tree and now take place above observations when they are generated at each level separately.
- **Output Documents**
  - Text wrapping now works correctly in the grids on the “Foreign Keys” page.
  - *Docu* and *Docu* Comparison Report generation processes no longer fails on collecting sequences from an Oracle database 12.2.
  - Applying sorting to the “DB: Invalid object dependencies” table no longer affects the position of its header.
  - Generating documents with very long file names no longer raises errors.
  - Output documents containing non-Latin symbols can now be viewed in Internet Explorer without any errors.
- **Diagrams (Flowcharts, Call Trees, CRUD Matrices)**
  - The FORALL statement is now displayed in Flowcharts as a loop.
  - Blocks with conditions are no longer missing from UML Flowcharts.
  - In SVG format, hints of Flowchart blocks now appear on pointing to a block itself, not only on its borders or text within. The bug occurred when code abbreviations were set to “Shortened”.
  - Call Tree elements are no longer highlighted on mouse over when the “On mouse over: highlight connected elements (SVG type only!)” option is disabled.
- **Docu Comparison Report**
  - Fixed broken links in the “DB: Disabled Objects” section.
  - Clicking links to open the “DB & Objects” page of source *Docus* no longer raises an error.
  - Object numbers are now shown next to non-schema object types in the Report Tree.
  - Observations are no longer included in a comparison report generated with default comparison settings.
  - Differences in the comparison results of Database Security Audit Reports are now detected correctly in a comparison report.
  - When a *Docu* Comparison Report is generated without its source *Docus*, links referring to pages of

these *Docu*s are now shown in plain text.

- Generating a *Docu* Comparison Report for *Docu*s with very long file names no longer raises errors.

### • **Docu Content Options**

- Clicking “Select All” and “Select None” now works correctly on the “Look&Feel” and “Extract DDL” tabs.
- Resetting the option “On mouse over: highlight connected elements in R&D/ER diagrams (SVG type only!)” to its default state now works correctly.
- Applied standard alignment to the check boxes on the “Comparison Options” and “*Docu*” tabs.
- “GI” or “GE” are now shown for Java Resources and Sched. File Watchers if these object types are globally included or globally excluded.
- Global disabling of the Extract DDL feature (clearing the check box in the “Extract DDL” subtab header) now makes the corresponding “Object DDL” check box at the object type level unavailable (dimmed), but does not clear this check box.
- The “R&D Diagrams” option and options that control levels at which diagrams should be generated are now synchronized correctly with the corresponding option “Include Object in R&D” at “*Docu* Content Options > Database and Objects > Object Options > Global Options”.

### • **Generation Status and Log**

- Information related to browsers was removed from generation logs.
- An “out of memory” error no longer occurs on generating a large *Docu* with CRUD2 type matrices included in the generation.
- Total elapsed time of *Docu* generation no longer takes into account time when the generation was paused.
- An access violation no longer occurs during code audit of certain package bodies.
- Breaking generation of “heavy” documents no longer makes the GUI unavailable.
- “Find” and “Find Next” now work correctly in the generation log.
- Breaking *Docu* generation no longer makes the applied template modified.
- Public Synonyms are no longer mentioned in the generation log as included in the *Docu* after this *Docu* is regenerated with default Exclusion Profile settings.
- The “*Docu* at a Glance and Icon” page is now shown correctly in the *Docu* Preview mode.

### • **Job Manager**

- Saving a new job now works correctly after clicking “Save” in a message that appears before intentional closing of the application.
- The order of object types selected in a job no longer breaks after reopening this job.
- Modified jobs are now saved correctly on clicking “Yes” in the message that appears on switching to another feature.
- Objects of the Data Redaction Policy object type no longer break job execution.
- An access violation error no longer occurs during job execution when non-schema objects and objects of the Data Redaction Policy object type are included.
- The number of objects loaded to the tree in a Job no longer changes to zero after restart of the application.
- An access violation error no longer occurs on trying to run a job with a broken database connection.
- The window parameters, such as size of panes and tree sorting, are now restored correctly after reopening the “Job Manager” window.

### • **Docu Manager**

- The hint shown on pointing to the “*Docu* Size” column now shows correct values for the generation log size.
- Fixed the hint shown for the “Creation Time” column.
- The “Open in” submenu now shows all the browsers without exception that are installed on the



same PC as *ClearDB* Documenter.

- A progress bar is now shown on adding more than one existing *Docu* to the *Docu* Manager.
- The pop-up menu commands “Open in” and “Select All” now become unavailable (dimmed) when there are no documents in the *Docu* list.
- On saving a *Docu*, log file, or template as a separate file using the “Save As” feature, the “File name” field is now automatically populated with the current file name.
- **DB Connection Window**
  - Applied autofit to the columns in the “Select Database Edition” window.
  - The “Options” button is now available when *ClearDB* Documenter is connected to a database, making it possible to open the “Connection Settings” window.
  - The date and time format selected in Preferences is now applied throughout the whole application, including the “Select Database Edition” window as well.
- **DB Connection Options**
  - Incorrect registry keys at HKEY\_LOCAL\_MACHINE\SOFTWARE\ORACLE no longer cause OCI initialization errors.
  - An OCI version is now applied correctly for Oracle Client 12.1.
  - Eureka errors no longer occur on unsuccessful database connections.
  - *ClearDB* Documenter now correctly detects the default edition of a database.
- **Core**
  - An access violation no longer occurs if there are broken StartMenuInternet keys in the registry.
  - The system table USER\$ was excluded from queries for Oracle 12c.
- **GUI**
  - Removed HTML tags from the confirmation message that appears on clicking the *Docu* Tree when it is filtered.
  - The Feature Navigator no longer blinks on switching between features.
  - Maximum values were defined in all the places in the application where spin boxes are used.
- **Code Analyzer**
  - Fixed indent for the INTO clause of the FETCH statement.
  - The Code Analyzer no longer hangs if the analyzed code contains a variable and type with the same names in the same scope.
- **Code Review Rules**
  - Clicking a link to open a rationale for the “The Cyclomatic Complexity [v(G), McCabe] metric of a stored program exceeds the specified maximum” rule now works correctly. The category name for this rule is also detected correctly in the code review results.
  - The rule “FUNCTION exception handler does not contain a RETURN statement” now raises violation when the exception handler contains no RETURN or RAISE statements or RAISE\_APPLICATION\_ERROR procedure call.
- **Code Analyzer Options**
  - Code analyzer options modified after the source *Docu* is selected in the Type 2 creation mode are now applied to the generation of the new *Docu* instead of the code analyzer options of the source *Docu*.
- **Exclusion Profile List**
  - Items excluded from the DB tree in a custom exclusion profile are no longer removed from this profile after reloading it.
  - The number of exclusion profiles shown in the “Exclusion Profile Manager” panel is now updated automatically on adding/removing profiles.
  - A user-defined exclusion profile no longer gets broken when it is loaded after the default profile.

- **Online Support Desk (=OSD)**
  - Pasting text in the window of an OSD message using Ctrl+V now works correctly.
  - Archived files sent from a Japanese OS now are now extracted without errors.
  - Marking incoming messages as “Read” now works correctly.
  - External links are now correctly rendered by OSD.
  - UTF-8 symbols are now correctly recognized in OSD answers.
  - Special characters are now shown correctly in the subject of an OSD message.
  - In case an update was canceled, *ClearDB Documenter* no longer repeats the attempt to update on the next application startup.
- **Preferences**
  - Closing Preferences by clicking the “Close” button no longer saves changes.
  - Applied standard layout to the GUI elements on the pages of Preferences.
  - After applying changes in preferences, the window now closes on the first click on the “OK” button, not on the second.
  - Fixed max and min idle time limits.
- **DB Instances**
  - The font of the GUI elements was changed to standard in the “Import Registered Database Instances” window.
  - Unnecessary HTML tags no longer appear in output files when DBIs are exported to HTML.
  - Registered DBIs are now exported correctly to a TXT file.
- **License Key**
  - The message that notifies about the upcoming expiration of the trial version now shows a correct link to the website.
- **DB Instance Licensor**
  - DBI registration is no longer needed for actualization or comparison of *Docu* generated with objects of system and/or sample schemas if the settings of the source *Docu* have not been changed.
- **Docu Summary Report**
  - The descriptions and footers (if any) of *Docu* included in a *Docu* Summary Report are no longer missing from the overview page of the summary report.
- **Extract DDL**
  - Log files generated in the Extract DDL mode no longer override the initial *Docu* generation log files and are now saved separately.
  - The loading progress bar is now shown correctly when a huge *Docu* is select for DDL extraction.
  - Scripts with the SPOOL and PROMPT commands are now highlighted correctly if the objects have apostrophes in their names.
- **Template Manager**
  - A script error no longer occurs on trying to view template content.
- **Templates**
  - A template no longer gets modified after being used for document generation.
- **Main Window**
  - On running a job, successfully passed steps are now correctly marked with a check mark in the Feature Navigator .
  - Status of a document that was added back to the *Docu* Manager after being removed from the *Docu* list is now updated correctly in the “Last Generated *Docu*” group box in the main window.

## REMOVED FEATURES

- **Docu Content Options**
  - The options “Auto connect to DB of source *Docu* (if possible)” and “Load objects from source *Docu* and validate them” were removed from the Source *Docu* step of the Type 2 and Type 3 *Docu* creation modes.
- **Docu Options**
  - Removed all the occurrences of the “*Docu* Description” section.
- **Installer/Updater**
  - Removed the “Create a Quick Launch icon” check box from the installation wizard.