

Toad for Oracle 2022(16.1)新功能快報



Toad[®] for Oracle[®]

Toad for Oracle Xpert Trial (64-bit) (Multiple Keys Active)

Add-Ons: DB Admin Module

16.1.53.1594

壹、前言

Toad for Oracle 是全球最多使用者的專業 Oracle 資料庫管理工具。其歷經 20 多年的發展，目前已發展出多種套件版本供使用者依需求選擇適合自己的版本，Toad for Oracle 實現 Oracle 資料庫操作現代化，以實現業務敏捷性。

Toad for Oracle 最新版本已於 2022 年四月底推出，Quest 官方以 Toad for Oracle 2021 為最新釋出版本名稱。新版支援 Oracle 10.2.0.5 ~ Oracle 21c 版本，也強化多項功能。

Toad for Oracle 協助 DBA 及開發人員簡化工作流程、減少程式碼缺陷、提高程式

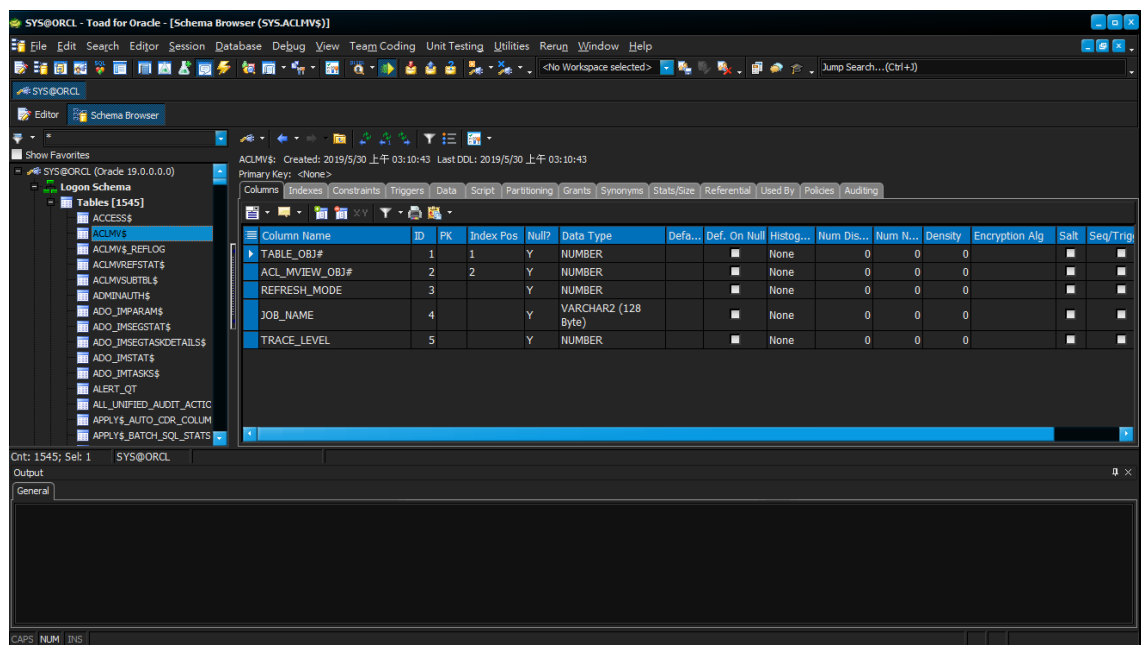
碼品質與效能，提供團隊合作的開發人員工具。自動執行管理任務，有效率的管理資料庫，同時實現資料庫效能優化與降低風險。支援跨版本 Oracle 資料庫快速定義、查詢與保護敏感性資料。

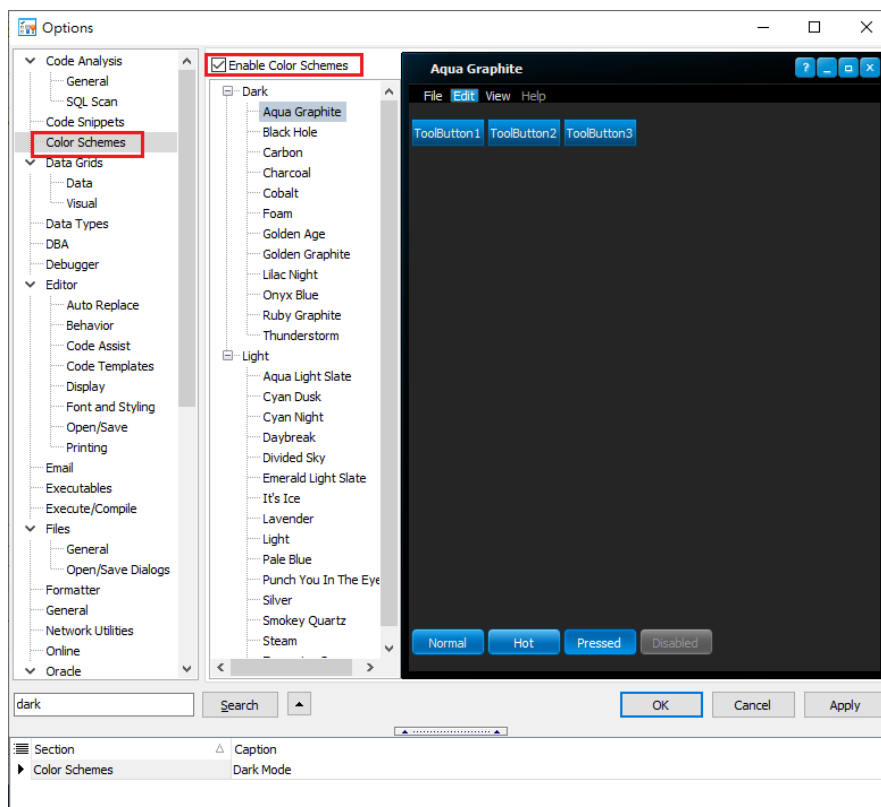
貳、 Toad 新版功能說明

Toad for Oracle 新版 16.1 強化了多項功能，讓您進行資料庫開發與管理時更有效率。

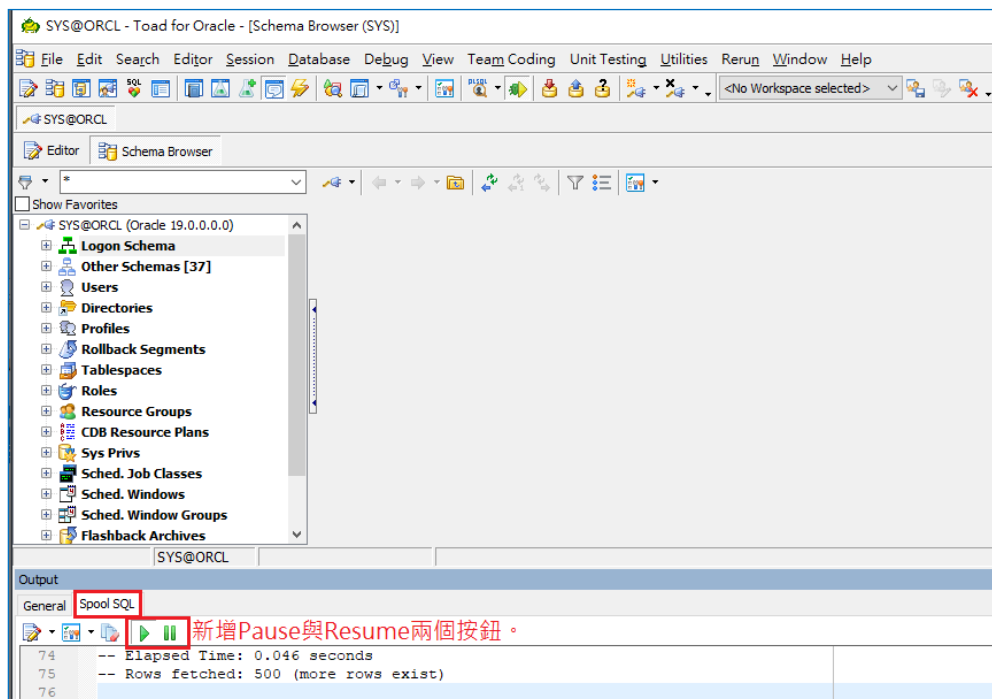
一、Security : OWASP 十大安全風險的多項改進。

二、版本 15.1 開始支援 Dark mode，最新版 SQL Editor 更易辨識 Active Editor tab。

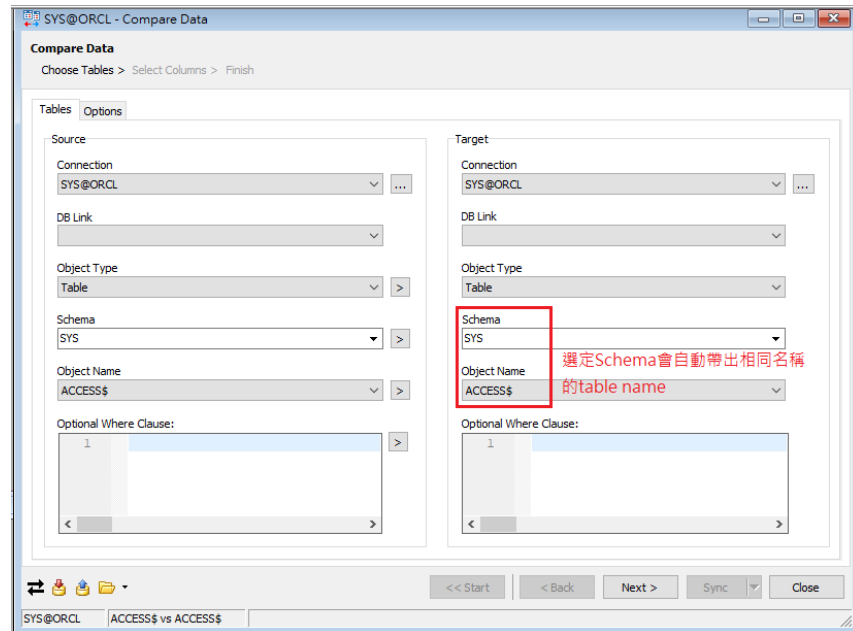




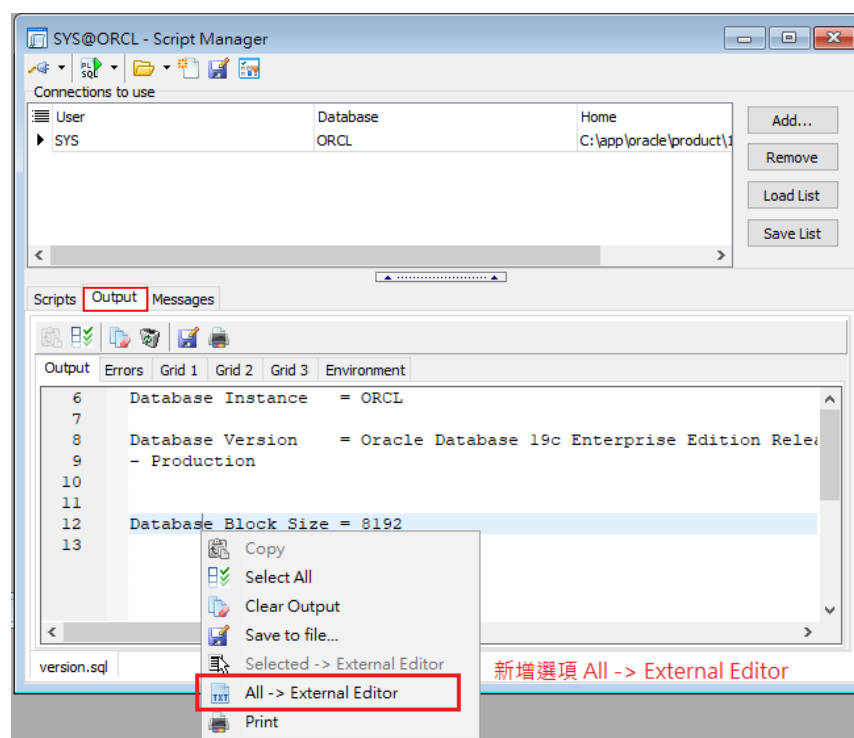
三、Spool SQL：新增 Pause 與 Resume 兩個按鈕。



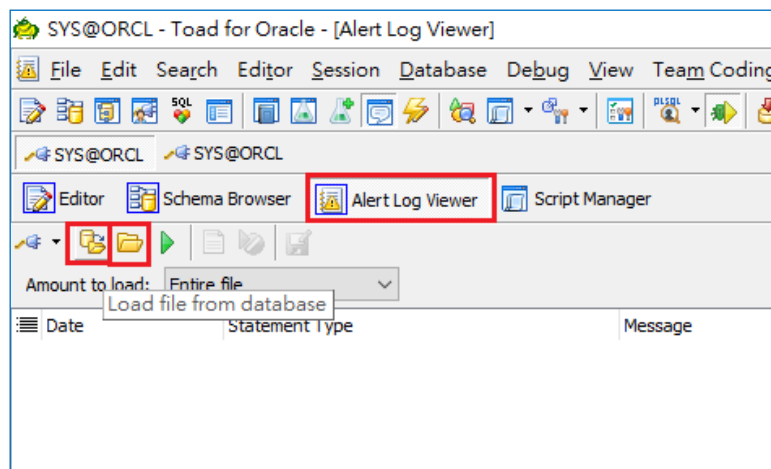
四、Data Compare 功能：選定 target 端的 schema 之後，自動帶出與來源端相同的 table name。



五、Script Manager：於 output 功能選單，新增 All->External Editor 項目。



六、Alert log viewer：支援讀取本地端或遠端的 alert log 檔案。



Enhancements

- Automation Designer: Removed unneeded variables
- Compare Table Data: Target schema auto-selected based on source schema
- Connection Colors: Connection color borders easier to see non-themed mode
- Create/Alter Table: Add ability to toggle columns grid between basic/advanced
- Editor
 - DBMS Output LOB technique restored (and improved)
 - Find dialog can now exclude or find only comments and/or strings
 - Made it easier to identify active tab in dark mode
 - Added button to view selected errors of script output in external editor
- Generate Schema Script: Added "hide common users" in the "add" dialog.
- Internal security enhancements
- Options: caution user when moving options from default location
- Schema Browser

- Display icons for Team Coding Status column
- More subobjects supported
- Quick filter - added option to for auto wildcard filtering
- Script Manager: Added ability to clear all output. Added ability to Save/Load connection list
- Spool SQL: Added a "Pause" option
- Team Coding
 - Added filter to Team Coding Manager
 - Added option to check in objects after script execution
- Toad: Improved behavior in environments with limited networks

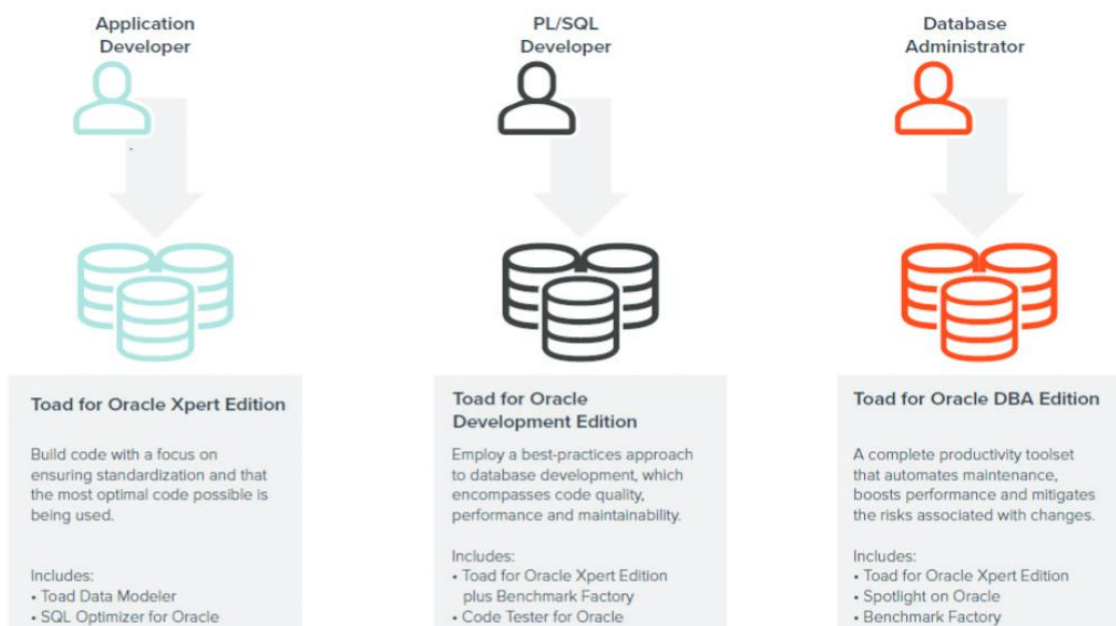
參、 已修正問題清單

Issue ID	Resolved Issue
TOR-1051	Code Insight: Limited support for common table expressions.
TOR-4773	Connections: Connection colors are not observed when passing in connection string as command line argument.
TOR-5672	Editor: Find Unused Variables false positives in some cases.
TOR-5742	SQL Tracker: Does not work with Toad for Oracle Subscription.
TOR-6087	Alter Table: Cannot modify the DELETE RULE of a constraint.
TOR-6118	Login Window: The Color column does not display all color names.
TOR-6129	Editor: A modified script that references other scripts using relative paths fails to execute.
TOR-6132	Oracle Tuning Advisor: Unclear error message if SQL ID is invalid.

Issue ID	Resolved Issue
TOR-6134	Connection Bar: Database name is not shown for clientless, direct connections.
TOR-6141	Automation Designer: Actions copied from another computer will not run if the Oracle client path is not the same on both computers.
TOR-6142	Editor: Dock layout splitters are accessible even when no panels are visible.
TOR-6143	Schema Browser: An extra scrollbar may appear on the right side when a theme is used.
TOR-6148	Schema Browser: The table, detail data grid does not use all available space to maximize the number of displayed rows.
TOR-6149	Schema Browser: Java Source DDL is incorrect when the "Schema name" script option is used.
TOR-6155	Editor: Scroll position is lost when changing tabs.
TOR-6161	FTP: Secure FTP is unable to connect when using a private key file.
TOR-6167	SQL Recall: Access Violation occurs when opening SQL Recall when the Toad application style is set to SDI.
TOR-6172	Editor: Executing a script having SET AUTOTRACE ON results in "Unable to retrieve autotrace statistics" and other errors.
TOR-6173	Editor: The active tab is not distinguishable when using dark mode.
TOR-6184	Schema Browser: Collection types of the current schema are not shown in some cases when using treeview browser style.
TOR-6188	Compare Table Data: A matching object in the target database should be selected by default.
TOR-6208	Schema Browser: Expanding a package and then compiling it results in a List Index Out of Bounds error when using the treeview browser style.

Issue ID	Resolved Issue
TOR-6215	Import Table Data: Date format error occurs when importing from an Excel spreadsheet in some cases.
TOR-6218	Queues: The QUEUE_TO_QUEUE and DELIVERY_MODE parameters are unsupported and result in incorrect DDL generation and queue comparison results.
TOR-6276	Copy Table Data: Unicode characters in XMLTYPE fields are corrupt.
TOR-6290	Data Grid: Blob edit window causes Toad to hang in some cases

肆、 Toad for Oracle 提供不同的使用者不同的應用



伍、 Toad for Oracle 各版本參照圖

	Base	Pro	Xpert	Developer	DBA
Single user subscription billing (12-month term)	X	X			
Sensitive Data Awareness (flags sensitive data usage)		X	X	X	X
Sensitive Data Protection* (identify and protect sensitive data)		X	X	X	X
utPLSQL unit testing	X	X	X	X	X
SQL editor	X	X	X	X	X
Query builder	X	X	X	X	X
Schema/data compare (sync in Xpert and DB Admin Module)	X	X	X	X	X
Task Automation	X	X	X	X	X
Debugger/profiler	X	X	X	X	X
Data generation		X	X	X	X
Code quality analysis and reporting		X	X	X	X
SQL optimization (SQL Optimizer)			X	X	X
Advanced PL/SQL unit testing (Code Tester)				X	
Performance/benchmark testing (Benchmark Factory)				X	X
Data modeling (Toad Data Modeler)					X
Database health checks and many other advanced functions (DB Admin Module)					X
Performance and predictive diagnostics (Spotlight on Oracle)					X

* Sensitive Data Protection is available for a separate license fee.

結語

新版 Toad for Oracle 2022 R3 已整合多個 Quest 資料庫管理套件，可以增進

Oracle DBA 管理資料庫效率，歡迎與倍力資訊聯繫為您增強 DBA 戰力：

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