Apelon DTS 4.9.0

09/2026

System Requirement Updates

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Operating System

o DTS 4.9.0 introduces support for Windows Server 2022.

o DTS 4.9.0 introduces support for Red Hat Enterprise Linux 8 and Alma Linux 8.

o CentOS is no longer included in the DTS 4.9.0 support scope.

Java

o DTS 4.9.0 Windows installations now include Eclipse Temurin 8 JRE instead of Oracle Java 8 JRE.

o DTS 4.9.0 Linux installations should use OpenJDK 8 provided by the supported Linux operating system package manager.

o The About Apelon DTSEditor window has been updated to display additional Java runtime and vendor information.

Database

o DTS 4.9.0 introduces support for MySQL 8.4 LTS.

o DTS 4.9.0 introduces support for Microsoft SQL Server 2025.

o DTS 4.9.0 is the last version that will support Microsoft SQL Server 2019.

o DTS 4.8 was the last version that supported Oracle Database. Oracle database support files and drivers have been removed from the DTS 4.9.0 installation.

Application Server

o DTS 4.9.0 introduces support for WildFly 26.1.3.Final.

o DTS 4.9.0 introduces support for JBoss EAP 7.4 Update 23.

o DTS 4.8 was the last version that supported GlassFish. GlassFish support files have been removed from the DTS 4.9.0 installation.

o Legacy WebSphere installation files have been removed from the DTS 4.9.0 installation.

Updates/Resolved Issues

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DTS Enhancements

o Upgraded Log4j to version 2.25.5 and unified the logging stack across DTS modules.

o Upgraded SLF4J to version 2.0.17 and removed the obsolete Logback dependency and Logback configuration files.

o Upgraded Apache Commons Text to version 1.15.0.

o Upgraded Apache HttpClient usage to the 5.x API where applicable, while retaining current 4.x libraries where required by the JBoss client stack.

o Upgraded additional core libraries, including Jackson, XStream, Apache Commons BeanUtils, Apache Commons IO, Apache Commons Lang3, Apache Commons Logging, Gson, XNIO, and JUnit.

o Upgraded MySQL and Microsoft SQL Server JDBC dependencies to Java 8-compatible current versions.

o Updated the Module Manager default URL to HTTPS and made the URL configurable using the “InfoManager.bat” utility to create a “module.url” context_key with the URL as the context_value in the dts_system_context table.

DTS Editor

o Updated the About Apelon DTSEditor window with the new Apelon logo.

o Updated the About Apelon DTSEditor window to show Java Runtime Name and Java Vendor details.

o Resolved issue where the built-in Concept Walker could retain stale field values after logout and login.

o Resolved issue where the Search panel Type Namespace did not default to the selected Search Namespace for attribute-type searches.

o Resolved issue where Windows Start Menu shortcut culling could prevent the DTS Browser shortcut from being displayed on supported Windows systems.

o Resolved issue where the Namespace Profile Editor could throw a background error when saving after clicking into a Validator dropdown with no validators available.

DTS Browser

o Resolved RichFaces compatibility issue that caused Java errors to be written to JBoss EAP and WildFly server logs during DTS Browser actions.

o Updated DTS Browser dependencies to use a maintained RichFaces 4.6 fork compatible with the supported DTS 4.9.0 application server stack.

TQL Editor

o Resolved issue where TQL FOR statements could incorrectly fail with a restricted contextual statement parse error.

o Corrected TQL Plug-in User Guide CREATE examples.

o Updated the TQL Editor package with corrected documentation and updated Apache POI libraries.

o Improved export performance for namespaces and subsets in environments with a large number of namespaces/subsets, and added new content-property search APIs to support it.
o Resolved issue where a period (".") at the end of certain TQL queries could result in an out-of-memory error.

Import Wizard

o Resolved issue where namespace XML import could fail when the source .xml file name contained an additional period.

o Resolved issue where importing could apply incorrect attribute types to parent attributes (e.g., Term Properties applied to Concepts).

o Resolved issue where the Import Wizard log could fail to display after an import (previously relied on Windows WordPad, now uses Notepad).

o Resolved issue importing subsets whose expressions reference multiple subset filters ("subset of subsets").

Excel Wizard

o Resolved issue where the Excel Wizard could corrupt the source Excel file and enter an unresponsive processing loop during certain imports.

Template Editor

o Added case-insensitive sorting by name to concept dropdowns in the Template Editor.

Documentation and Samples

o Corrected DTS 4 Javadoc text for DataTypeFilter null-argument behavior.

o Updated DTS Programming Tutorial sample code and related tutorial text for the updated logging libraries.

o Updated the Web Services Programming Tutorial samples and related tutorial text.

o Updated documentation for RHEL 8 and Alma Linux 8 installation support.

o Added documentation for updating the Eclipse Temurin 8 JRE included with DTS 4.9.0 Windows installations.

o Added documentation guidance for SQL Server datasource validation settings in JBoss EAP and WildFly environments.