Rocket U2 DBTools

Release Notes

Version 4.5.0

October 2022
UDBT-450-ALL-RN-01

Rocket U2 DBTools overview

These release notes provide information about fixes made to the 4.5.0 U2 DBTools.

Important news at this release

Important: It is recommended that users backup their previously installed DBTools directory before installing v4.5.0, which is often found in `C:\U2\U2Tools\v4` (and/or `v3`).

To access the documentation library, Adobe Acrobat Reader must be set as your default PDF reader.

Note: You must use InstallShield to install this version.

When making a connection to your U2 server for the first time with this version of U2 DBTools, you may be prompted to update the XTOOLSUB server routine. Depending on the user originally connected to the server, you may have to supply an alternate user who has permissions to write to the installed home directory of the database installation. After the initial update to the server, subsequent server connections will not prompt for updates.

U2 DBTools setup

To install or upgrade a package, simply click the appropriate component name from the installer.

This package is compatible with Windows 7 Service Pack 1 or higher.

The following database tools can be installed from this package:

Component	Description
U2 Basic Developer Toolkit (BDT)	This Eclipse-based tool provides a modern integrated development tool for BASIC developers that features a resource explorer, a dictionary editor, a code editor and an integrated debugger.
U2 EDA Replication Configuration Tool	The EDA Replication Configuration Tool is an Eclipse-based tool used to replicate your data to a SQL database, in addition to keeping your data safely stored in UniData. It allows you to store your data in UniData while it is simultaneously replicated to Oracle, IBM DB2, or Microsoft SQL Server. Use the replicated database for data-mining or reporting while you use UniData as your production workhorse.
U2 EDA Schema Manager	EDA Schema Manager is an Eclipse-based tool that allows users to create and manage schemas for conversion of data stored in a U2 database to a 1NF database such as Microsoft SQL Server.
U2 Extensible Administration Tool (XAdmin)	XAdmin is an Eclipse-based tool that provides a modern integrated environment for U2 database administration.
U2 RESTful Web Services	U2 RESTful Web Services enable U2 users to define and publish U2 resources, such as data files and subroutines, to a U2 REST server so they can be accessed in a RESTful manner.
U2 Web Services Developer (WSD)	U2 Web Services Developer is an Eclipse-based tool that allows you to create and deploy your Web Services applications, and manage your SOAP servers.

Component	Description
U2 XML/DB Mapping Tool	The XML/DB Tool is a graphical user interface tool with which you can create an XML mapping file to use when exporting or importing XML documents with the UniData or UniVerse databases. This is an Eclipse-based tool.
XTOOLSUB	BASIC routines that provide communication with the U2 databases.

New features in 4.5.0

The following are new features in DBTools 4.5.0.

- Updated the Jetty version in DBTools to 9.4.25.

- DBTools 4.5.0 has been certified on Windows 2019.

- Added support for the TLSv1.3 protocol with OpenJDK- jdk8u292-b10.

- Windows Only. Added the UD Telnet Disconnect Message dialog box to the XAdmin > Network Services > Telnet screen to specify the message that displays when a user types OFF at TCL when connected via telnet on a Windows installation of UniData.

Enhancements and Fixes

These release notes provide information about enhancements and fixes in U2 DBTools v4.5.0.

Issue number	Description
UDBT-3361	Corrected a casing issue for the product name in the Performance Monitor.
UDBT-3463	Updated the Jetty version in DBTools to 9.4.25.
UDBT-3669	The U2 Metadata Manager (MDM) tool has been removed starting with U2 DBTools v4.5.0.
UDBT-3670	Windows Only. Corrected an issue where the REST deployment tool would hang when creating an export of a REST server for deployment on Windows.
UDBT-3817	Corrected an issue where saving a Data Source in the EDA Schema Manager would overwrite all users in Connection Definitions with the last one entered.
UDBT-3822	DBTools 4.5.0 has been certified on Windows 2019.
UDBT-3839	Corrected an issue where URL encoded characters in a resource ID were not functioning in HTTP requests to U2 REST server.
UDBT-3855	Corrected an issue where adding users with more than two domain names from the telnet users window resulted in the account path being deleted from the telnet user definition.
UDBT-3892	Corrected an issue where dynamic files were being treated as directories in the XAdmin Audit Configuration tool.
UDBT-3895	Corrected an issue where using XAdmin to create security context record to setup SSL for the server did not allow selecting the TLSv1.3 protocol.
UDBT-3904	Corrected an issue where using the EDA Schema Manager to add a MySQL driver did not allow the selection of a MySQL driver.
UDBT-3909	Added support for the TLSv1.3 protocol with OpenJDK- jdk8u292-b10.
UDBT-3913	Corrected and issue where http urls containing double slashes resulted in http authentication being ignored. This issue has been resolved.

Issue number	Description
UDBT-3919	Corrected an issue where getting existing group locks from XAdmin failed with a Java error message.
UDBT-3923	Windows Only. Added the UD Telnet Disconnect Message dialog box to the XAdmin > Network Services > Telnet screen to specify the message that displays when a user types OFF at TCL when connected via telnet on a Windows installation of UniData.
UDBT-3970	Corrected an issue where using the EDA Schema Manager to add a PostgreSQL driver did not allow the selection of a PostgreSQL driver.
UDBT-4043	The XAdmin Tool Error `The RPC failed, possibly the server process exited abnormally` issue has been resolved (with the exception of the data encryption function issue). The data encryption issue will be fixed with UDBT-3891.

Notices

Edition

Publication date: October 2022
Book number: UDBT-450-ALL-RN-01
Product version: Version 4.5.0

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Rocket Software, Inc. develops enterprise infrastructure products in four key areas: storage, networks, and compliance; database servers and tools; business information and analytics; and application development, integration, and modernization.

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To contact Rocket Software by telephone for any reason, including obtaining pre-sales information and technical support, use one of the following telephone numbers.

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