



Rocket U2 UniData Hotfix

Version 8.1.2

General Hotfix information

This release note contains a cumulative summary of all the Hotfixes made available for a specific Generally Available (GA) product version. Please browse this document to find the Hotfix release that fits your specific needs.

Hotfixes are identified as "Controlled Releases" within Rocket Business Connect (RBC). Hotfixes are only visible by searching for the specific version and build number in the Controlled Release field.

To obtain a specific Hotfix:

1. Log into the [RBC system](#) and modify your existing license.
2. Click **Edit** next to your existing product and then click **Search** to view the list of GA product releases.
3. After the product availability matrix displays, enter in the Hotfix version number (which includes the product version and build number, for example 11.3.1.6005) in the **Controlled Release** field just above the table of product releases, then click **Search**.

The Hotfix release will display on the product matrix and can be selected for ordering and download. If you have questions about RBC, please contact us at rbc@rocketsoftware.com.

Note: Hotfix releases are intended to be short-term solutions and have had limited testing in order to be made available quickly. All Hotfix changes will be included in the next GA release, and will be fully tested by Rocket's Quality Assurance (QA) team across all supported platforms and environments. It is strongly recommended that after taking a Hotfix customers [upgrade](#) to the next available GA release to ensure the highest quality experience.

For questions, please contact support at support@rocketsoftware.com.

Rocket UniData Hotfix 8.1.2.2017

June 2017

Applicable platforms

- Windows
- AIX
- HP
- Linux

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-16167	Prior to this release, the performance monitor option of <code>reptool</code> failed to clear down its previous results when starting a subsequent monitor period. This issue has been fixed.
UDT-16172	Windows only. Prior to this release, U2 Replication could fail to start or failover when there were more than 111 groups being replicated. This issue has been fixed.
UDT-16260	Windows 10 Creator Edition and subsequent Windows 10 releases. Prior to this release, telnet clients would not be able to run DOS commands through PCPERFORM or the '!' (bang) prefix at ECL. This issue is now resolved.
UDT-16276	Windows only. Prior to this release, when using the UniBasic <code>CALCULATE</code> function, the session could result in a core dump. This could happen if a process selected a large number of records and then ran the <code>CALCULATE</code> function. This issue has been fixed.
UDT-16283	Windows only. On previous releases, when starting a UniData session from a Console session via the command prompt, if a <code>PHANTOM</code> process was launched, the <code>PHANTOM</code> process would also be terminated when the UniData session was terminated even if the <code>PHANTOM</code> process had not completed. This issue has been resolved.
UDT-16291	Starting at UniData 8.1.0, users were unable to set a breakpoint against a globally cataloged program in the UniData Debugger. This issue has been resolved.
UDT-16295	Prior to this release, the RFS could crash and users would see a message similar to the following: <code>U_snd_msg: msglen[6266] exceeds limit</code> This was due to a problem with large index keys exceeding 2K. This issue has been resolved.
UDT-16296	Prior to this release, a BASIC program that contained a <code>SETINDEX</code> statement could cause the RFS to crash because of a problem with large index keys (above 2K). This issue has been resolved.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2016

March 2017

Applicable platforms

- All platforms

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15926	<p>Beginning at UniData 8.1.2, when performing a failover operation from publisher to subscriber, U2 Replication may have failed to apply all pending updates to the subscriber. If updates had reached the subscriber (Sub Got) but had not yet been loaded into the replication buffer (Sub Available), these updates were lost during the failover operation. The number of updates that were not applied and were lost is the delta between the 'Sub Available' and 'Sub Got' LSN counts and this applied to each replication group. This situation may have occurred in situations where the subscriber system was overloaded and not keeping up with the publisher. Using the new Delayed Standby replication feature could have exacerbated this situation and made it more likely to occur.</p> <p>Note: The LSN counts are viewable in the XAdmin Replication Status screen or via the reptool command-line tool. This issue has been resolved.</p>
UDT-16042	<p>Prior to this release, customizations made to the UniData LOG_OVRFLO and REP_LOG_PATH configurables may have been lost when the UniData upgrade udtsetup process was used. This problem has been resolved.</p>
UDT-16085	<p>At this release, the udt diag script for UNIX and Linux platforms has been updated to version 5.1.3.</p>
UDT-16090	<p>Prior to this release, problems were encountered when the Base64-encoded feature was used to save a .jpg file to a UniData dynamic file included in U2 Replication with Data Compression enabled. This issue is resolved at this release.</p> <p>It is recommend that you do not enable Data Compression for .jpg files when using U2 Replication, as you will not see any performance benefits.</p>
UDT-16099	<p>At this release, the udtsetup script has been updated to version 1.2.3.</p>

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2015

February 2017

Applicable platforms

- AIX
- Linux
- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15414	<p>Some users experienced a replication checksum error when replication was suspended between byte-swapped machines, for example, if AIX was the publisher and Windows the subscriber. This occurred when replication was suspended and records were added to the publisher, and then the <code>ud_repadmin sync</code> command was executed. When this happened, replication would fail to sync with a checksum error on the subscriber similar to the following:</p> <pre>Fri Jan 06 03:44:15 2017 Subscribing Group demo_acct_G0 started suspending. Fri Jan 06 03:44:15 package received by subscriber has wrong checksum(2255) !</pre> <p>This issue has been resolved.</p>
UDT-15651	<p>Windows only. Prior to this release, NFA users may have experienced an NFA server crash when the accumulated memory used by the NFA service (<code>udnfa.exe</code>) exceeded 4GB. This issue has been resolved.</p>
UDT-15889	<p>Windows Only. Starting at UniData 8.1.0, NFA connections to or from a Windows server would not work. This issue is now resolved.</p>
UDT-15909	<p>On Linux systems, the device ID could change when the system rebooted. In some cases this could have caused UniData to become unauthorized. Changes have been made to UniData to work around this problem and the issue is now resolved.</p>
UDT-15910	<p>At this release, the <code>udtsetup</code> script has been updated to version 1.2.2.</p>
UDT-15911	<p>Prior to this release, the <code>\$UDTHOME/sys/LANGGRP</code> file on UNIX systems only supported the 'C' locale. Starting at this release, more locales have been added to avoid issues when starting or entering UniData with other locale settings.</p>

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2014

December 2016

Applicable platforms

- Linux

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15392	Beginning at this release, EDA setup script handles Oracle client version up to 12.1 and Microsoft ODBC driver for Linux.
UDT-15460	Linux only. Prior to this release, when using BCI or EDA and connecting with the Microsoft SQL Server ODBC driver, the process could fail and a core file may be produced. This issue has been resolved.
UDT-15557	Linux only. Previously, when using EDA and connecting with the Microsoft SQL Server ODBC driver, non-conforming records, produced after an EDA conversion, would display incorrectly when editing at TCL. To resolve this issue, use the EDA Common driver to support the Microsoft SQL Server ODBC driver by running edasetup.sh and specifying DRIVENAME=MSODBC. To support the Easysoft ODBC driver, specify DRIVENAME=EASYSOFT. The EDA Common driver will still support the Easysoft ODBC driver if the DRIVENAME is not specified.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2013

December 2016

Applicable platforms

- Solaris

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15206	Prior to this release, the error message <code>warning: get_rest_blks, grp_hd_buff is null</code> may have been reported in the <code>sm.log</code> file and caused RFS to crash when certain ODBC queries were run from MS Access or SQL Server. This issue has been resolved.
UDT-15607	Prior to this release, the <code>UPCASE()</code> command and 'MCU' conversion would not convert the default UniData mark characters (i.e., ASCII 252 to 255). This created a problem for string handling for when using several common Scandinavian and Germanic characters. Beginning at this release, <code>UDT.OPTIONS 122</code> has been introduced. If this option is set to ON then the previously unconverted characters will be converted. The default value for this option is OFF.
UDT-15832	When running <code>guide_ndx</code> , level 2 or 3, during the logical checking stage a temporary file is used. Prior to this release, if that temporary file exceeded 2 GB then the <code>GUIDE_XERROR.LIS</code> file would report: <code>Error while seeking / disk1/tmp/K03_24125 (Invalid argument)</code> . Starting at this release, changes have been made to allow <code>guide_ndx</code> to handle larger temporary files. The issue is resolved.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2012

December 2016

Applicable platforms

- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15810	Windows Only. Prior to this release, file handles were not correctly released when a telnet session invoked from udtelnetd exited. This would result in a steadily increasing open file handle count for the udtelnetd process, potentially exhausting the system threshold for allowed file handles. This issue has been fixed.

Included in this Hotfix

The zip file for this Windows Hotfix contains the following:

- udtelnetd.exe

Installation instructions

- Backup the original udtelnetd.exe file in your \$UDTBIN directory.
- Copy the udtelnetd.exe included in this Hotfix into your \$UDTBIN directory.

Rocket UniData Hotfix 8.1.2.2011

Version 8.1.2.2011

November 2016

Applicable platforms

- Windows
- AIX

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15759	In some situations when creating common, running the DELETEDCOMMON command and then updating common again may have caused a core dump/ access violation. This issue is now fixed..

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2010

Version 8.1.2.2010

October 2016

Applicable platforms

- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15302	Windows only. Starting at this release, U2 Logging has been extended to allow specific and separate logging of the Kerberos S4U component.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2009

Version 8.1.2.2009

October 2016

Applicable platforms

- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15569	Windows only. In prior versions, if a UniData session was timed out as a result of the setting of the TIMEOUT command, the session might have terminated with an access violation. This issue is resolved.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2008

Version 8.1.2.2008

September 2016

Applicable platforms

- AIX
- Linux
- HP Itanium
- Solaris
- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15513	<p>Starting at 8.1.0 and new installations, files that previously replicated successfully stopped replicating due to a problem with the replication writer processes and the rotating file pool. When this problem is encountered, the <code>rm.log</code> file contains a "Open file failed" message along with an error code of 24 similar to the following:</p> <pre>RW(0, 28042):RW Open file failed(0, 24); (LSN=149740389)Insert on CASH.DEPOSITS('11121~1') is canceled.</pre> <p>This problem is now resolved.</p>

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2007

Version 8.1.2.2007

September 2016

Applicable platforms

- Linux
- HP Itanium
- Solaris

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15484	Prior to this release, a problem occurred when making an ODBC query against UniData that caused in-memory configuration settings to be overwritten with new data, causing UniData to crash. Any ipclogs generated at the time of the crash showed the corrupted values in the in-memory configuration. This issue has been resolved.
UDT-15523	Prior to this release, there was a problem where logins were not blocked during UniData RFS Recovery and users saw the following message : TM can only be started by SM This issue has been resolved.
UDT-15527	Prior to this release, the UniData TM process did not set the SIGTERM handler correctly, which caused UniData to crash when RFS was enabled and the TM received a SIGTERM signal. This issue has been resolved.
UDT-15532	Prior to this release, the RESTORE option of the RESIZE CONCURRENT command failed when used on a multilevel file that was also a subscribing object. This issue has been fixed.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2006

Version 8.1.2.2006

August 2016

Applicable platforms

- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15485	Windows Only. Starting at 8.1.0, users saw a "Function sequence error" message when re-converting an EDA schema with SQL Server 2014, and experienced some data loss. This issue has been resolved.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2005

Version 8.1.2.2005

July 2016

Applicable platforms

- AIX
- HP Itanium
- Solaris

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15435	<p>Prior to this release, whenever a "ud_repadmin report" command was issued, an unnecessary error message similar to the following was generated into the replication event logging file "rm.log"</p> <pre>Mon Oct 6 16:05:45 2015: Request DBA Report to ALL received.</pre> <p>Beginning at this release, the event will no longer be recorded in the "rm.log" file.</p>
UDT-15444	<p>Starting at 8.1.0, if a record was moved from one "over..." file to another "over..." file in a 32-bit Recoverable Dynamic file, it would result in an RFS crash and users would see a message in sm.log similar to the following:</p> <pre>U_____Report Error_____ Funcname: U_append_strtuple...Syscall: stack empty...U_Errno: 1 ...Filename: /livedata01/PSDATA/PSTRCON.LD2 ...Key: P*033575*1194459810*17688...Number: 399272U_sbr_addrrec error in U_tm_wrtrec U_am_os_open(), fname=/livedata01/PSDATA/PSTRCON.LD2/dat051 errno:2 TM[239]: U_am_os_open return error: afid:2713, sub_nth:0x32, aborted Sat Jun 4 21:09:44 SM checked: tm (udtno = 239, pid = 15575, udtuid = 184, udtgid = 101, cur_request = 5): Sat Jun 4 21:09:44 Stopped because of Sat Jun 4 21:09:44 IOT instruction Sat Jun 4 21:09:44 - core dumpedSat Jun 4 21:09:44 Sat Jun 4 21:09:44 ----- System Crashed at Jun 04 2016 21:09:44 ----- Sat Jun 4 21:09:44 All possible CM & TMs & AIMGLOGs & BIMGLOGs killed Dumping the system buffer to "/rfs_log/dump/rfs.dump1"Done.</pre> <p>This issue has been resolved.</p>

Issue number	Description
UDT-15450	<p>Starting at 8.1.0, adding records to a 32-bit Recoverable Dynamic file could result in an RFS crash and users would see a message in the sm.log similar to the following:</p> <pre> U_am_os_open(), fname=/disk1/ud81/demo/TESTDYN/dat043 errno:2 TM[1]:U_am_os_open return error: afid:4, sub_nth:0x2a, aborted Fri Jun 10 02:14:15 SM checked: tm (udtno = 1, pid = 8913146, udtuid = 0, udtgid = 0, cur_request = 5): Fri Jun 10 02:14:15 Stopped because of Fri Jun 10 02:14:15 IOT instructionFri Jun 10 02:14:15 - core dumpedFri Jun 10 02:14:15 Fri Jun 10 02:14:15 ----- System Crashed at Jun 10 2016 02:14:15 ----- Fri Jun 10 02:14:15 All possible CM & TMs & AIMGLOGs & BIMGLOGs killed Dumping the system buffer to "/disk1/ud81/bin/rfs.dump"Done. </pre> <p>This issue has been resolved.</p>
UDT-15462	<p>Prior to this release, setting the N_PARTFILE parameter too low with the RFS enabled could have led to dynamic file corruption. The internal algorithm that determines the default size of this configurable has been changed to avoid this situation. This issue has been resolved.</p>

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2004

Version 8.1.2.2004

June 2016

Applicable platforms

- AIX
- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15453	Beginning at this release, configurable diagnostics have been added to allow users to examine the acquisition and release of the internal control semaphores that are used to protect key internal memory structures within UniData.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2003

Version 8.1.2.2003

June 2016

Applicable platforms

- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15387	Starting at 8.1.0 the <code>deleteuser</code> command may have caused UniData to hang intermittently. Diagnostics capabilities have been added in order to allow further tracing of this situation. Please contact the Rocket Support team for more information.

Included in this Hotfix

The UDT_WINDOWS_8.1.2.2003.zip file for this Hotfix contains the following:

- `deleteuser.exe`

Installation instructions

1. Extract the `deleteuser.exe` file from the UDT_WINDOWS_8.1.2.2003.zip file.
2. Replace the `deleteuser.exe` file in your current bin directory with the one included in this Hotfix. By default, the bin directory is located at `C:\U2\UD81\bin`.

Rocket UniData Hotfix 8.1.2.2002

Version 8.1.2.2002

May 2016

Applicable platforms

- Windows

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-15331	When I-Type values are being referenced in UniQuery commands, a core dump may have happened causing heap and shared memory corruption. In turn, this could have caused other unrelated processes on the system to crash. This issue has now been fixed.
UDT-15395	Windows only. When upgrading UniData to 8.1.1 or 8.1.2, the HOSTNAME value(s) in the repsys file on the subscriber system were overwritten with the subscriber machine name. This stopped replication from starting. This issue has been resolved.
UDT-15406	When using CALLC, the client session could abort with an access violation. This issue started at 8.1.0 and is now resolved.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.

Rocket UniData Hotfix 8.1.2.2001

Version 8.1.2.2001

May 2016

Applicable platforms

- Windows
- AIX

This download contains the most recent Hotfix for the previously released product. For questions, please contact support at support@rocketsoftware.com.

Description of the problem

Issue number	Description
UDT-14203	Beginning at 8.1.0, the port number generated in the address of the dbgterm utility may have been miscalculated. This would then lead to the value not being recognized as a valid port number in a subsequent ECL DEBUGLINE.ATT command. This issue has been resolved.

Installation instructions

Install as a typical installation. Refer to the *UniData Installation* manual for details.