Query Database V2.8 Release Notes

Version 2.8 is primarily a maintenance release.

There are however very significant bug fixes in version 2.8, in particular all of those identified by the OPS team in the version 2.7 release. It is primarily a maintenance release and has greatly enhanced pre-release unit testing. All of the IDL code is now tested using mg_unit and mglib (unit testing idl) to test the IDL code and to help eliminate memory and other resource leaks. There is now 95% code coverage for the IDL unit tests; 88% for the Java unit tests. All software is now thoroughly tested on Windows as well as linux

Please see Query Database V2.1 Release Notes, Query Database V2.2 Release Notes, Query Database V2.3 Release Notes, Query Database V2.4 Release Notes, Query Database V2.5 Release Notes, Query Database V2.6 Release Notes, and Query Database V2.7 Release Notes for a description of the new features and / or bug fixes that have been added to the Query Database (the IDLDbInterface) since the April 2014 V2.0 release.

Please see Query Database V2.1 Users Guide for a description of how to use these new features. Please note additionally that Query Database single and multi-database resource file formats has been updated per user comments to provide additional information.

Please see Using Query Database for Oracle Stored Procedures and Functions for details about how to use Oracle stored procedures and functions.

NOTE

The original Query Database release inadvertently omitted the software changes needed for QUERYDB-357. This led to QUERYDB-364. This release now has that code in place

Issues that have been resolved

The following critical issues have been resolved

QUERYDB-331 Error logging misleading

QUERYDB-357 Backwards incompatibility issue, unable to reconnect after /dbClose

QUERYDB-362 Planning Database Queries Fail

QUERYDB-364 query_database 2.8 did not fix backwards incompatibility error

The following non-critical (primarily pre-release testing) issues were also resolved

QUERYDB-208 Set up testing on windows 8

QUERYDB-304 Windows: obtain access to shared libraries accessible from linux

QUERYDB-305 Windows: solve build problems currently observed on spock

QUERYDB-306 Windows: fix build scripts that don't run on Windows

QUERYDB-351 Fix TableSpecificTest.java for Windows 8 Jenkins build

QUERYDB-352 Fix IDL Test Scripts for Windows 8 Jenkins Build

QUERYDB-353 Arrange for idl 8.4 to be installed on spock

QUERYDB-354 Create an idl 8.4 build on spock

QUERYDB-355 Remove noWarningSuppression in Windows

QUERYDB-356 .compile in Windows vs Linux files

QUERYDB-359 Create Opsbuild for Windows

The following issues are being examined and are under consideration for future releases

QUERYDB-111 Investigate use of retries and / or connection pools to improve query database performance

QUERYDB-207 Consider use of gradle for builds

QUERYDB-309 Cache and reuse dbResourceId connections

QUERYDB-319 Update stored procedure handler to correctly handle array types

QUERYDB-320 Consider extending the current Oracle stored procedure / function support to allow in-line procedure definition

QUERYDB-322 Consider optimizing inserts and updates by using Prepared Statements

QUERYDB-327 Edit fjava_result_set_to_array in order to accept varray_table_int less than 10 integers

QUERYDB-348 Change the null values feature into something that is useful to anyone other than a test user

QUERYDB-350 Move the information about LASP from SiteServers to a property file