Ritmo/DB2 Release Notes

Version	Date	Changes
6.0.0.3	7/25/18	• Added support for TIMESTAMP with custom precision type • Added support for TIMESTAMP WITH TIME ZONE type • Added support for Bulk Insert • Fixed a Reporting Services issue to recognize a query with parameters defined without "@"
6.0.0.0	11/22/17	• Added support for .NET 4.0 • Added support for Entity Framework v6 • Added support for Visual Studio 2013 and 2015 integration
5.0.0.11	04/14/14	• Added support for SQL statements and parameters longer than 32K; • Added support for DBMoto version 8.0; • Added support for LOB in DB2 v10 zOS/UDB; • Fixed an issue with recognizing IBM DB2 on HPUX; • Fixed an issue with a null reference exception when calling a stored procedure with parameters on IBM DB2 for z/OS; • Fixed an issue where an error was not returned when a reply stream was 0 bytes long; • Fixed an issue with support for bulk parameters (i.e. parameter-based multiple insert/update/delete); • Fixed an issue where the second of multiple result sets containing a LOB failed.
5.0.0.10	01/23/12	• Fixed an issue with the Entity Framework wizard in Visual Studio: adding Stored Procedures to the EDM model was causing an error; • Fixed an issue that causes the following error: "CCSID map initialization error"; • Fixed a problem that occurred on IBM DB2 V9 when sending parameters with sizes greater than 32K; • Fixed a problem that occurred on upgraded versions of z/OS DB2 V9 when retrieving LOB values; • Fixed an issue that occurred when using the Visual Studio report wizard: building a query report using "SELECT *" instead of "SELECT ‹column list›" returned an error.
5.0.0.9	09/22/11	• Added support for Visual Studio 2008; • Introduced support for Entity Frameworks in Visual Studio 2008 (.NET Framework 3.5 SP1); • Added support for CCSID 1256; • Fixed a problem for Arabic CCSID 420; • Added support for CCSID 437 (ASCII); • Added support for CCSID 1114 by mapping it to 950; • Added support for unrecognized CCSIDs where Ritmo attempts to instantiate the converter or uses the default CCSID if instantiation fails);

		• Fixed a problem with CCSID 950 conversion; • Fixed a problem with handling SELECT queries that retrieve large numbers of columns; • Fixed a problem with handling SELECT queries that retrieve more than 84 columns and at least one column is LOB; • Added support for passwords with non-alphanumeric characters; • Add support for WITH syntax; • Introduced support for an Alternate Qualifier; • Introduced support for split traces. • New look for Ritmo tools
4.1.0.0	02/15/08	This version is specifically for customers using Microsoft Visual Studio 2005 and Microsoft SQL Server 2005. If you are using earlier versions of Visual Studio or SQL Server, please continue to use Ritmo/DB2 version 3.0.0.0. • Implemented ADO.NET 2.0 compliance: added full support for the new base classes and factories; • Implemented the DDEX .net provider extension to fully integrate with Visual Studio 2005 components like Server Explorer and Designer including custom designers; • Added support for SQL Server 2005 including Reporting Services and SSIS; • Added support for the GetSchema() method for the common schema collections: MetaDataCollections, DataSourceInformation, DataTypes, Restrictions and ReservedWords; • Implemented the DDEX .net provider extension to fully integrate with Visual Studio 2005 components like Server Explorer and Designer including custom designers and ReportViewer control; • Added support for the 64-bit .NET Framework; • Completed support for Windows Vista by changing the location of temporary files and logs; • Introduced Test button in Data Source definition dialog via Toolbox; • The Data Source file naming option now disallows a "blank" character because this is not permitted for connection strings when using Visual Studio application design; • Fixed a problem where the Toolbox test hung when using the Test menu option; • Fixed a problem where pressing F1 for Help did not work when the Data Source dialog or Traces dialog was open.
4.0.0.0	01/02/07	• Added support for .NET Framework 2.0; • Introduced three new classes SqlDb2ConnectionStringBuilder, SqlDb2ProviderFactory, SqlDb2DataSourceEnumerator to allow Ritmo/DB2 to be used with provider-independent code.
2.1.0.4	04/21/06	• Added support for .NET Framework 2.0; • Introduced BIGINT support (for DB2 on Linux 8.2); • Introduced OEM support; • Unified support for .NET Frameworks 1.0 and 1.1; • Fixed a problem with Int64 conversion;

		• Fixed a parser problem with statements containing join tables; • Fixed a problem where parametric queries with parameter values set to DBNull were not managed properly in some specific cases; • Introduced support for additional compatible data types inside GetBoolean and GetString methods.
2.0.0.2	11/22/04	• Introduced BLOB/CLOB support; • Added "ServerVersion" property inside the SqlDb2Connection class to return a string containing the version information of the database server the connection goes to; • Introduced row ID data type support; • Modified the CreateParameter() method of the SqlDb2Command object. The parameter object is no longer appended to the Parameters collection of the command object; • Fixed a problem with Data Adapter dispose() method; • New line characters are now removed from the command text to avoid syntax error. • Fixed a problem with the SqlDb2DataReader GetOrdinal() method where it did not perform a case-insensitive search if a previous case-sensitive search failed; • Fixed a problem where parameter values were corrupted for specific queries with several large-size parameters; • Fixed a problem with the SqlDb2DataReader GetValue() method not returning DBNull when dealing with null values; • Fixed a parser problem with statements containing sub-selects and special functions; • Fixed a permission problem running ASP.Net web pages. • Fixed a problem with parametric queries; the query was re-prepared every execution; • Fixed a problem with parametric query using double byte parameters; • Fixed a problem where output parameters of a stored procedure were not returned properly; • Fixed a problem where the cursor remained open when the execution of a statement failed; • Fixed a problem in data binding using a SqlDb2DataReader to bind data to a control; • Fixed a problem adding a SqlDb2Parameter to the SqlDb2ParameterCollection of the SqlDb2Command when the connection object was not passed to the SqlDb2Command constructor; • Removed the "Public" attribute from the SqlDb2ParameterCollection constructor method; • Added "Remove Trailing Blanks" feature; • Implemented specific override Dispose() methods; • Added the 'Message' public property to class SqlDb2Error to return the string that identifies the error message; • Added the error code number in the "Error" collection property of the SqlDb2Exception class; • Now it is possible to disable the primary key/unique index check while updating through the SqlDb2DataAdapter; • Now a SQLDb2Exception is raised when you try to use VALUES NEXTVAL statement;

		• Fixed a problem that occurs when you try to use the Command Builder in disconnected mode; • Added SP CALL Management in SqlDb2Command ExecuteNonQuery; • Added SqlDb2CommandBuilder DeriveParameters support.
1.0.0.2	03/24/03	• Start/Stop high level trace at runtime; • Improved interoperability with the Toolbox of Visual Studio .Net that can displays the Ritmo for DB2 Data Objects: SqlDb2Connection, SqlDb2Command, SqlDb2DataAdapter, SqlDb2CommandBuilder that can be added to a Visual Basic and C# forms and components; • Renamed the public enum "DB2DBType" in "SQlDB2DBType" for DB2 specific data types; • TP Name: improved management for the default value; • Disabled "Catalog Group Box" in the connection dialog properties for the data source configuration because it's not yet supported.
1.0.0.1	03/03/03	• Released "Ritmo for DB2" and "Ritmo Client for DB2".