Product Documentation

ER/Studio® Data Architect

New Features Guide

Version 9.6.1/XE4
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Embarcadero Technologies, Inc. is a leading provider of award-winning tools for application developers and database professionals so they can design systems right, build them faster and run them better, regardless of their platform or programming language. Ninety of the Fortune 100 and an active community of more than three million users worldwide rely on Embarcadero products to increase productivity, reduce costs, simplify change management and compliance and accelerate innovation. The company's flagship tools include: Embarcadero® Change Manager™, CodeGear™ RAD Studio, DBArtisan®, Delphi®, ER/Studio®, JBuilder® and Rapid SQL®. Founded in 1993, Embarcadero is headquartered in San Francisco, with offices located around the world. Embarcadero is online at www.embarcadero.com.

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New Features

This new features guide covers the new features for both ER/Studio Data Architect version 9.6 and 9.6.1.

Release 9.6.1 features summary:

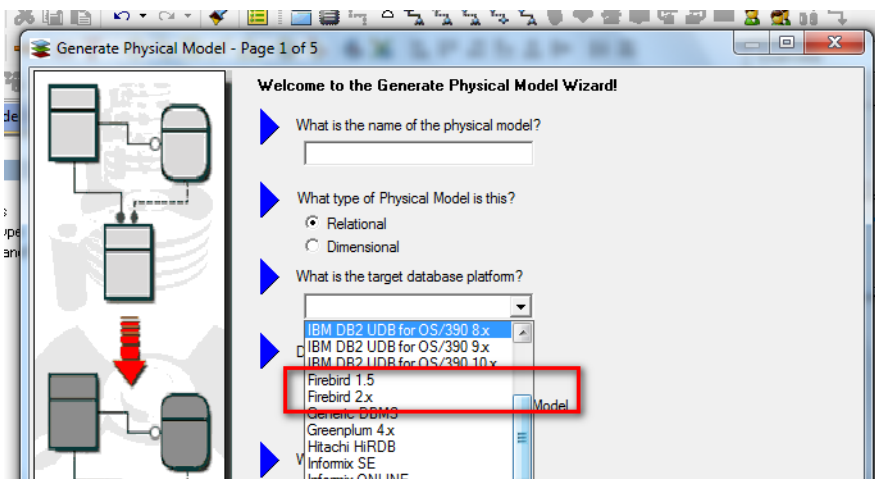In addition to many bug fixes, 9.6.1 offers the following new features.

- Firebird DBMS Now Supported

- Increased Memory Availability

Release 9.6 features summary:

- Embarcadero Connect

- New Platform Version Support

- New InterBase Object Type Support

- SQL Server Sequence Support

- Oracle Named NOT NULL Constraints

Firebird DBMS Now Supported

ER Studio DA now officially supports Firebird 1.5, 2.1 and 2.5.

INCREASED MEMORY AVAILABILITY

ER Studio DA is now able to use up to 4GB of memory on 64 bit machines and up to 3GB of memory on 32 bit Windows.
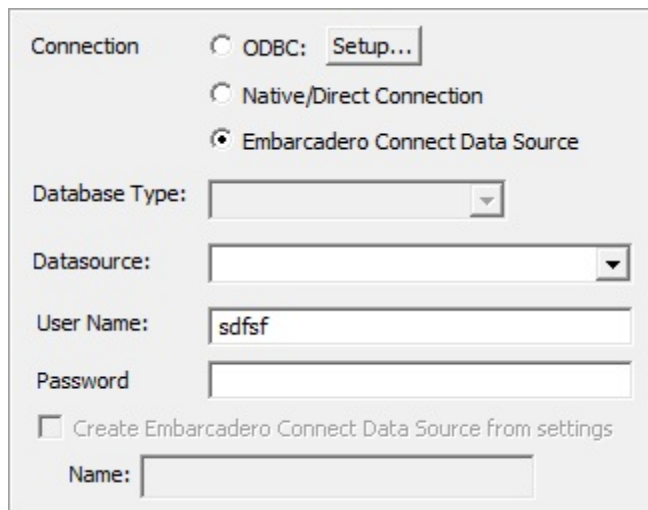
> **NOTE:** On 32-bit versions of Windows, the system must be able to recognize the /LARGEADDRESSAWARE setting applied to ERSTUDIO. This link provides information of how to do this in different Windows systems: http://msdn.microsoft.com/en-us/library/windows/hardware/ff556232%28v=vs.85%29.aspx. There is no need to change anything on Windows x64.

EMBARCADERO CONNECT

Embarcadero Connect is a new product that provides functionality previously provided by ER/Studio Portal.

In addition, a Connect server stores data source definitions that can be used by ER/Studio Data Architect. This lets you centralize data source management as well as administer any data governance policies regarding datasource definitions.

ER/Studio Data Architect functionality requiring database connectivity now lets you select an Embarcadero Connect connection, identify the data source, and provide credentials.

Specific features that accommodate Embarcadero Connect data sources include:

- Reverse engineering

- Generating databases

- Compare/Merge utility

- **Where Used** tab of the Table Editor

In addition, you can relate models to Connect data sources. You can also initiate creation of a new data source on Embarcadero Connect from ER/Studio Data Architect.

New Platform Version Support

As of this release, ER/Studio Data Architect functionality is available for the following platform versions:

- TeraData 14

- IBM DB2 for Linux, Unix, and Windows Version 10

- Netezza 7

- InterBase XE and XE3

New InterBase Object Type Support

The following object types are now supported for InterBase 2009, XE, and XE3:

- Generators

- Triggers

- Procedures

SQL Server Sequence Support

Sequences, introduced in SQL Server 2012, are now supported by ER/Studio Data Architect. Functionality available for Oracle and DB2 Sequences is now provided for SQL Server 2012 modeling.

Oracle Named NOT NULL Constraints

In previous releases, ER/Studio® Data Architect treated named NOT NULL constraints as simple check constraints. ER/Studio now supports named NOT NULL constraints directly in the user interface, reverse and forward engineering, and throughout the product.

Related MetaWizard Release

For information on the ER/Studio MetaWizard release, see
http://www.metaintegration.net/Products/MIMB/MIMBReadme.html#Changes.