

Oracle® Rdb Data Provider for .NET

Release Notes

V7.3

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Preface

This document is your primary source of release information for Oracle Rdb Data Provider for .NET.

Oracle Rdb Data Provider for .NET is an implementation of the Microsoft ADO.NET interface.

This preface contains these topics:

- Audience
- Organization
- Related Documentation
- Conventions
- Documentation Accessibility

Audience

Oracle Rdb Data Provider for .NET Release Notes is intended for developers who are developing applications to access an Oracle Rdb database using Oracle Rdb Data Provider for .NET. This documentation is also valuable to systems analysts, project managers, and others interested in the development of database applications.

To use this document, you must be familiar with Microsoft .NET Framework classes and ADO.NET and have a working knowledge of application programming using Microsoft C#, Visual Basic, or C++.

Users should also be familiar with the use of Structured Query Language (SQL) to access information in relational database systems.

Organization

This document contains:

- [**Chapter 1, "Installing and Configuring"**](#)
Describes how to install Rdb Data Provider for .NET and provides system requirements. Read this chapter *before* installing or using Rdb Data Provider for .NET.
- [**Chapter 2, "Known Problems, Restrictions and Workarounds"**](#)
Describes known problems, restrictions, and workarounds for Oracle Rdb Data Provider for .Rdb release 7.3

Related Documentation

For more information, see these Rdb resources:

- *Oracle Rdb7 Guide to Database Design and Definition*
- *Oracle Rdb7 Guide to Database Performance and Tuning*
- *Oracle Rdb Introduction to SQL*
- *Oracle Rdb 7.2 SQL Reference Manual*
- *Oracle Rdb Guide to SQL Programming*
- *Oracle SQL/Services Server Configuration Guide*
- *Guide to Using the Oracle Rdb7 Oracle SQL/Services (tm) Client API*
- *Oracle Rdb JDBC Driver User's Guide*
- *Oracle Rdb Data Provider for .NET Developer's Guide*

To download free release notes, installation documentation, white papers, or other collateral, please visit the Rdb web site:

<http://www.oracle.com/rdb>

For additional information, see:

<http://msdn.microsoft.com/netframework>

Conventions

Oracle Rdb Data Provider for .NET is often referred to as ORDP.NET or simply ORDP.

Hewlett-Packard Company is often referred to as HP.

The following conventions are used in this document:

word	A lowercase word in a format example indicates a syntax element that you supply.
[]	Brackets enclose optional clauses from which you can choose one or none.
{ }	Braces enclose clauses from which you must choose one alternative.
...	A horizontal ellipsis means you can repeat the previous item
• • •	A vertical ellipsis in an example means that information not directly related to the example has been omitted.

Conventions in Code Examples

Code examples illustrate SQL or other command-line statements. They are displayed in a monospace (fixed-width) font and separated from normal text as shown in this example:

```
SELECT last_name FROM employees WHERE last_name = 'TOLIVER';
```

Chapter 1

Installing and Configuring

This chapter describes installation and configuration requirements for Rdb Data Provider for .NET.

1.1 System Requirements

Oracle Rdb Data Provider for .NET requires the following products to be installed:

Software	Minimum Version
Microsoft .NET Framework	V2.0
Windows NT, Windows XP, Windows 2000, or Windows Server 2003	as released

If SQL/Services will be used for server connectivity then the following software is required.

On the CLIENT:

Software	Minimum Version
Rdb SQL/Services Client	V7.1.1

On the SERVER:

Software	Minimum Version	
	Alpha	Integrity
HP OpenVMS	V7.1	V8.2-1
Oracle SQL/Services	V7.1.5	V7.2
TCP/IP Services for OpenVMS	V3.3	V5.5-11
Oracle Rdb	V7.1-24	V7.2

If JDBC thin servers will be used for server connectivity then the following software is required.

On SERVER:

Software	Minimum Version	
	Alpha	Integrity
HP OpenVMS	V7.3-2	V8.2-1
Oracle JDBC for Rdb	V7.2-50	V7.2-50
HP Java™ SDK/RTE	V1.4-1	V1.4-21
Oracle Rdb	V7.1-24	V7.2

See Also:

- <http://msdn.microsoft.com/netframework>

1.2 Installing Oracle Rdb Data Provider for .NET

NOTE: If you have previously installed a beta version of the Oracle Rdb Data Provider for .NET you must de-install this beta version prior to installation of this version.

Two variants of the installation files and procedures are available:

1. Normal installation
2. Strongly Named installation

The strongly named installation will place the ORDB assembly in your system Global Assembly Cache so that the single assembly instance may be used by multiple applications.

Please refer to your Microsoft .NET documentation for information on strongly named assemblies and the Global Assembly Cache.

The normal installation will place the ORDB assembly in the installation directory you choose during the installation.

1.2.1 Normal Installation

For normal installation the Oracle Rdb Data Provider for .NET comes packaged in the Microsoft installation file:

OracleRdbDataProvider73000.msi

The installation may be carried out by invoking the MSI file provided directly or by running the setup executable file that is also provided in the same installation kit:

```
setup_ORDP.exe
```

These are standard Microsoft installation file and setup executables that will install Oracle Rdb Data Provider for .NET when it is invoked. Just follow the steps displayed during the installation process.

1.2.2 Strongly Named Installation

For a strongly named installation the Oracle Rdb Data Provider for .NET comes packaged in the Microsoft installation file:

```
OracleRdbDataProvider73000SN.msi
```

The installation may be carried out by invoking the MSI file provided directly or by running the setup executable file that is also provided in the same installation kit:

```
setup_ORDP_SN.exe
```

These are standard Microsoft installation file and setup executables that will install Oracle Rdb Data Provider for .NET when it is invoked. Just follow the steps displayed during the installation process.

During a strongly named installation the ORDP assembly file Oracle.DataAccess.Rdb.dll will be installed into your system Global Assembly Cache.

1.3 File Locations

The installation files will be placed in the directory chosen during the installation procedure. The default directory is:

```
<systemdisk>\Program Files\Oracle\ORDP\
```

All the required DLL files and documentation will be copied to the installation directory:

File	Description
ORDP_dev_guide.(html/pdf)	ORDP Developer Guide
ORDP_rel_notes.(html/pdf)	ORDP Release Notes
Oracle.DataAccess.Rdb.dll	the ORDP assembly
rdbnet.dll	required library for Rdb access
sql_cosi.dll	required library for internal Rdbnet operations
sqsapi32.dll	required library for SQL/Services access

In addition, if a strongly named installation was carried out, the ORDP assembly file `Oracle.DataAccess.Rdb.dll` will also be copied to your system Global Assembly Cache.

1.4 Post Installation Procedures

After installation, prior to using Oracle Rdb Data Provider for .NET, you may have to update your PATH environment variable to include the directory into which the kit was installed.

The actual post-installation steps you will have to carry out will depend on how the DLL files will be used and may require changes to your development environment to either include this new directory path or to move the provided DLL files to the appropriate third-party directory.

Please refer to the documentation provided with your development software to determine what steps may be involved in order to use the Oracle Rdb Data Provider for .NET classes and libraries.

Chapter 2 Known Problems, Restrictions and Workarounds

This chapter describes known problems, restrictions, and workarounds for Oracle Rdb Data Provider for .NET release 7.3.

2.1 Distributed transaction support not available in this version.

The use of distributed transactions is not currently supported in ORDP. This feature will be available in a future release of this product.

2.2 Integration of Oracle Rdb Data Provider for .NET into Microsoft Visual Studio.

Oracle Rdb Data Provider for .NET is not currently integrated into the Microsoft Visual Studio for .NET IDE. This feature will be available in a future release of this product.