Oracle Rdb Data Provider for .NET Release Notes, Release 7.3 Copyright © 2007 Oracle Corporation. All rights reserved.

The Programs (which include both the software and documentation) contain proprietary information of Oracle Corporation; they are provided under a license agreement containing restrictions on use and disclosure and are also protected by copyright, patent, and other intellectual and industrial property laws. Reverse engineering, disassembly, or decompilation of the Programs is prohibited.

The information contained in this document is subject to change without notice. If you find any problems in the documentation, please report them to us in writing. Oracle Corporation does not warrant that this document is error free. Except as may be expressly permitted in your license agreement for these Programs, no part of these Programs may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without the express written permission of Oracle Corporation.

If the Programs are delivered to the U.S. Government or anyone licensing or using the Programs on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the Programs, including documentation and technical data, shall be subject to the licensing restrictions set forth in the applicable Oracle license agreement, and, to the extent applicable, the additional rights set forth in FAR 52.227-19, Commercial Computer Software - Restricted Rights (June, 1987). Oracle Corporation, 500 Oracle Parkway, Redwood City, CA 94065.

The Programs are not intended for use in any nuclear, aviation, mass transit, medical, or other inherently dangerous applications. It shall be the licensee's responsibility to take all appropriate fail-safe, back up, redundancy and other measures to ensure the safe use of such applications if the Programs are used for such purposes, and Oracle Corporation disclaims liability for any damages caused by such use of the Programs.

Oracle is a registered trademark, and Oracle Rdb, Oracle RMU and Oracle SQL/Services are trademark or registered trademarks of Oracle Corporation.

All other company or product names mentioned are used for identification purposes only and may be trademarks of their respective owners.

The Programs may provide links to Web sites and access to content, products, and services from third parties. Oracle is not responsible for the availability of, or any content provided on, third-party Web sites. You bear all risks associated with the use of such content. If you choose to purchase any products or services from a third party, the relationship is directly between you and the third party. Oracle is not responsible for: (a) the quality of third-party products or services; or (b) fulfilling any of the terms of the agreement with the third party, including delivery of products or services and warranty obligations related to purchased products or services. Oracle is not responsible for any loss or damage of any sort that you may incur from dealing with any third party.
Contents

Preface

Chapter 1

Installing and Configuring

  1.1 System Requirements

  1.2 Installing Oracle Rdb Data Provider for .NET
      1.2.1 Normal Installation
      1.2.2 Strongly Named Installation

  1.3 File Locations

  1.4 Post Installation Procedures

Chapter 2   Known Problems, Restrictions and Workarounds

  2.1 Distributed transaction support not available in this version.

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

Send Us Your Comments

Oracle Rdb Data Provider for .NET Release Notes, V7.3

Oracle Corporation welcomes your comments and suggestions on the quality and usefulness of this publication. Your input is an important part of the information used for revision.

• Did you find any errors?
• Is the information clearly presented?
• Do you need more information? If so, where?
• Are the examples correct? Do you need more examples?
• What features did you like most about this manual?

If you find any errors or have any other suggestions for improvement, please indicate the title and part number of the documentation and the chapter, section, and page number (if available). You can send comments to us in the following ways:

• Electronic mail: nedc-doc_us@oracle.com
• FAX — 603-897-3825 Attn: Oracle Rdb
• Postal service:
  Oracle Corporation
  Oracle Rdb Documentation
  One Oracle Drive
  Nashua, NH 03062-2804
  USA

If you would like a reply, please give your name, address, telephone number, and electronic mail address (optional).
If you have problems with the software, please contact your local Oracle Support Services.

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. |
| {}   | Braces enclose clauses from which you must choose one alternative. |
| []   | Brackets enclose optional clauses from which you can choose one or none. |
| ...  | 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:

<table>
<thead>
<tr>
<th>Software</th>
<th>Minimum Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft .NET Framework</td>
<td>V2.0</td>
</tr>
<tr>
<td>Windows NT, Windows XP, Windows 2000, or Windows Server 2003</td>
<td>as released</td>
</tr>
</tbody>
</table>

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

On the CLIENT:

<table>
<thead>
<tr>
<th>Software</th>
<th>Minimum Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rdb SQL/Services Client</td>
<td>V7.1.1</td>
</tr>
</tbody>
</table>

On the SERVER:

<table>
<thead>
<tr>
<th>Software</th>
<th>Minimum Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP OpenVMS</td>
<td>V7.1</td>
</tr>
<tr>
<td>Oracle SQL/Services</td>
<td>V7.1.5</td>
</tr>
<tr>
<td>TCP/IP Services for OpenVMS</td>
<td>V3.3</td>
</tr>
<tr>
<td>Oracle Rdb</td>
<td>V7.1-24</td>
</tr>
</tbody>
</table>
If JDBC thin servers will be used for server connectivity then the following software is required.

On SERVER:

<table>
<thead>
<tr>
<th>Software</th>
<th>Minimum Version</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Alpha</td>
</tr>
<tr>
<td>HP OpenVMS</td>
<td>V7.3-2</td>
</tr>
<tr>
<td>Oracle JDBC for Rdb</td>
<td>V7.2-50</td>
</tr>
<tr>
<td>HP Java™ SDK/RTE</td>
<td>V1.4-1</td>
</tr>
<tr>
<td>Oracle Rdb</td>
<td>V7.1-24</td>
</tr>
</tbody>
</table>

See Also:
• [http://msdn.microsoft.com/netframework](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\n```

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

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