Oracle® Rdb Developer Tools for Visual Studio

Release Notes
V7.3-2
March 2010

Contents

Send Us Your Comments

Oracle Rdb Developer Tools for Visual Studio Release Notes, V7.3-2

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 Developer Tools for Visual Studio.

This preface contains these topics:
- Audience
- Organization
- Related Documentation
- Conventions

Audience

Oracle Rdb Developer Tools for Visual Studio Release Notes is intended for developers who are developing applications within Microsoft Visual Studio 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 Oracle Rdb Data Developer Tools for Visual Studio and provides system requirements. Read this chapter *before* installing or using Oracle Rdb Developer Tools for Visual Studio.

- **Chapter 2, "Enhancements Provided in Oracle Rdb Developer Tools for Visual Studio Release 7.3-2"**
  Describes new and changed features in Oracle Rdb Developer Tools for Visual Studio release 7.3-2.

- **Chapter 3, "Problems Corrected"**
  Describes problems corrected in Oracle Rdb Developer Tools for Visual Studio release 7.3-2.

- **Chapter 4, "Known Problems, Restrictions and Workarounds"**
  Describes known problems, restrictions, and workarounds Oracle Rdb Developer Tools for Visual Studio release 7.3-2.

- **Chapter 5, "New Features and Corrections in Previous Releases"**

Describes new and changed features and problems corrected in previous versions of Oracle Rdb Developer Tools for Visual Studio.

Related Documentation

For more information, see these Rdb resources:
- *Oracle Rdb Data Provider for .NET Release Notes*
- *Oracle Rdb Data Provider for .NET Developer's Guide*
- *Pracle Rdb Developer Tools for Visual Studio 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 on .NET, see:

http://msdn.microsoft.com/netframework

Conventions

Oracle Rdb Developer Tools for Visual Studio is often referred to as ORDT.

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 Oracle Rdb Developer Tools for Visual studio (ORDT).

This chapter contains:

- System Requirements
- De-install previous Oracle Rdb Data Provider for .NET versions.
- Installing .NET Products

1.1 System Requirements

ORDT requires the following products to be installed:

If you use Visual Studio 2005:

Software	Minimum Version
Microsoft .NET Framework	V2.0
Microsoft Visual Studio 2005	Version 8.0.50727 SP1
Windows NT, Windows XP, Windows Vista, Windows 2000, Windows Server 2003	As released

If you use Visual Studio 2008:

Software	Minimum Version
Microsoft .NET Framework	V3.5
Microsoft Visual Studio 2008	Version 9.0.21022
Windows NT, Windows XP, Windows Vista, Windows 2000, Windows Server 2003, or Windows 7	As released

Note:
ORDP.NET will be installed as part of the ORDT installation process.

ORDP.NET has certain system requirements that must be met before you can successfully install and deploy ORDP.NET.

Refer to your Oracle Rdb Data Provider for .NET Release Notes for information on system requirements for ORDP.NET.

1.2 De-install previous Oracle Rdb Data Provider for .NET versions.

If you have a previously installed version of ORDP.NET you must de-install this prior to installing V7.3-2 ORDT**.**

In addition if you have changed your machine.config to add references to ORDP.NET then you should remove these changes prior to installing the new version of ORDP.NET.

In particular, if the following sections exist in your current machine.config, they should be removed:

```
<system.data>
   <DbProviderFactories>
     <add name="Oracle Rdb Data Provider"   . . .
```

and

```
<configuration>
  <configSections>
    <section name="oracle.dataaccess.rdbclient" . . .
```

1.3 Installing .NET Products

These steps demonstrate how to install Oracle Rdb Developer Tools for Visual Studio once Visual Studio is installed.

As well as integrating ORDP.NET into Visual Studio, the ORDT installation will also install ORDP.NET if you select the default (Typical) installation options.

You may choose to customize the installation to only install ORDP.NET if you do not require the Visual Studio integration features of ORDT.

Note:

As new versions of Oracle Rdb .NET products are released, the installation process may change slightly from what is shown in this guide. The screenshots are based on Oracle Rdb Developer Tools for Visual Studio version 7.3-2.

To install:

1. Download the Oracle Rdb Developer Tools for Visual Studio installation kit:

   1) Connect to MyOracleSupport http://support.oracle.com/.

   2) Navigate to **Patches and Updates**, and locate the Oracle Rdb Developer Tools for Visual Studio, **Release 7.3-2** kit.

   3) Download the .ZIP file. The **ORDT73200.ZIP** file contains 4 files:
      The README file.
      The Release Notes containing the installation guide.
      The OracleRdbDeveloperTool73200.msi file
      The Setup.exe file.

   4) Unzip **ORDT73200.ZIP** into a temporary directory.

2. Double-click Setup.exe.

   Windows Installer launches and the Welcome screen appears.
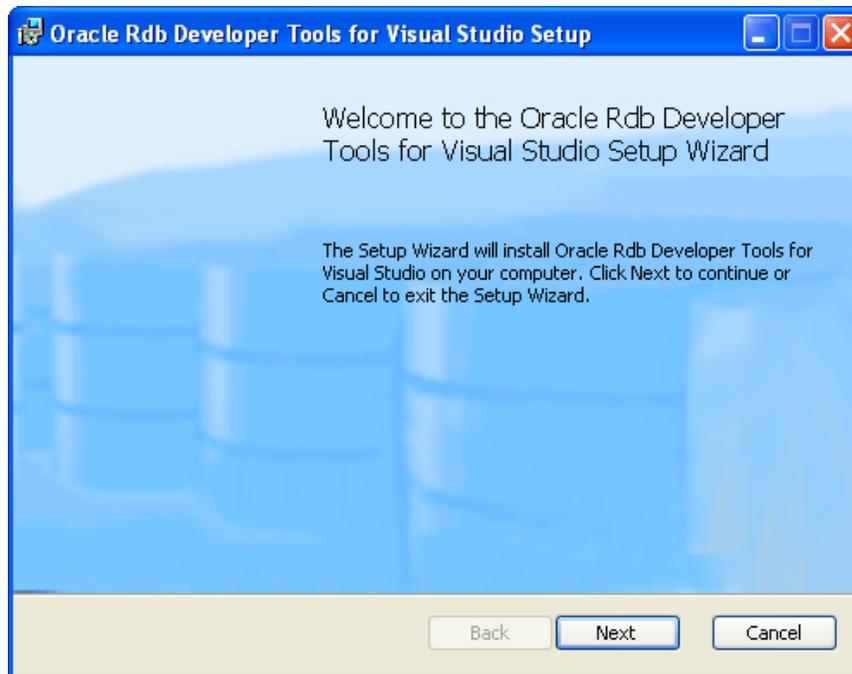
3. Click **Next.**

An End-User Licence Agreement will be displayed. If you agree with the licence conditions tick the acceptance box.
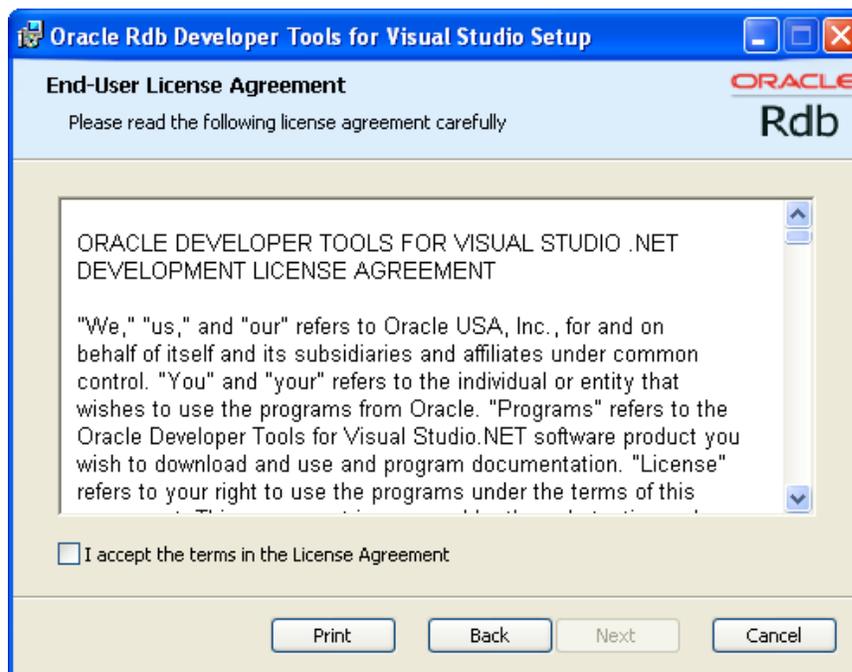
4. Click **Next**.

The Choose setup type window appears,allows you to install the different ORDT components.
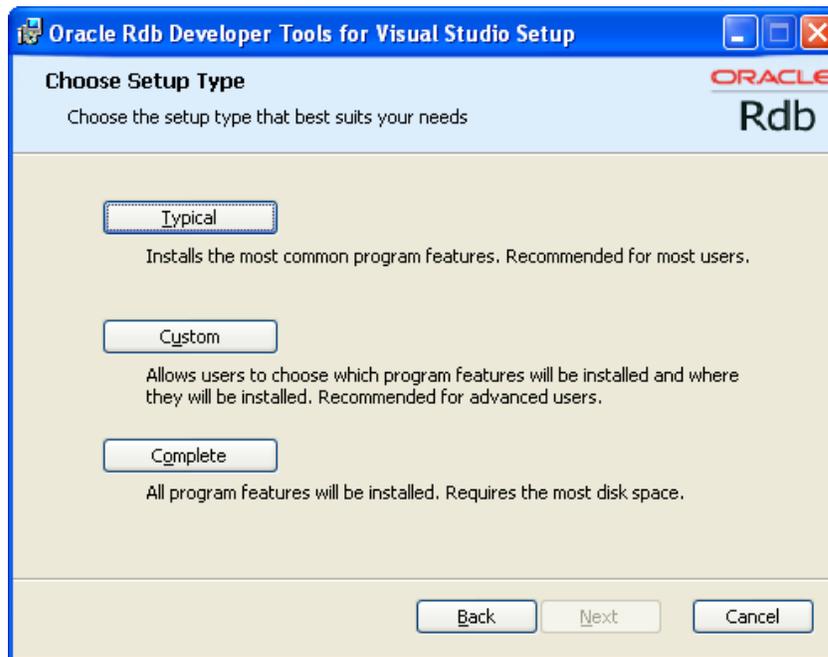
For the purposes of this guide, we will do a Custom installation but accept all the components.

5. Click **Custom**.

The Custom Setup screen appears.
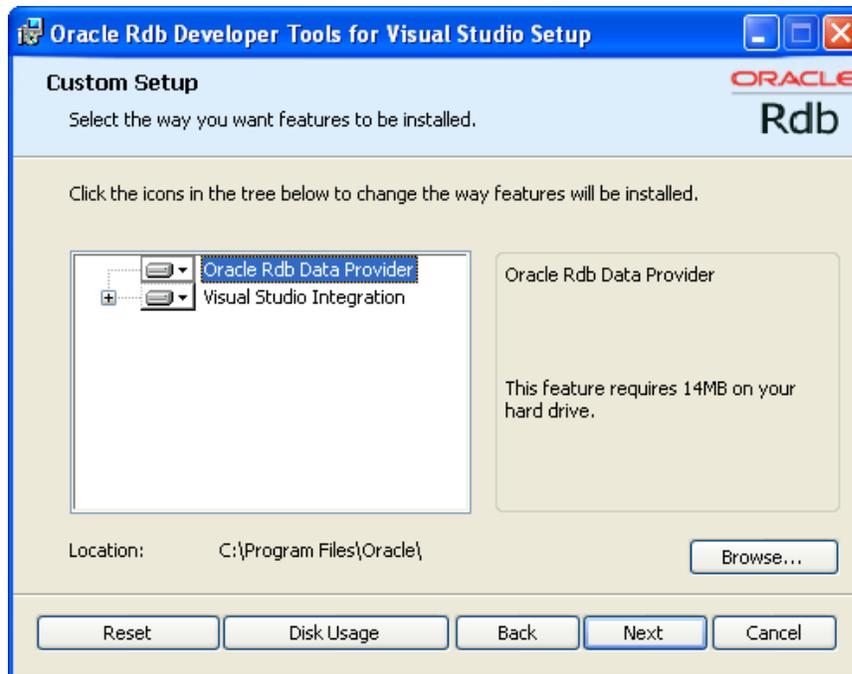
Browse allows you to chose the installation location. For the purposes of this guide, accept the default.

6. Click **Next**.

A confirmation screen is displayed allowing you to proceed with the installation or cancel or go to back to change the installation directory.
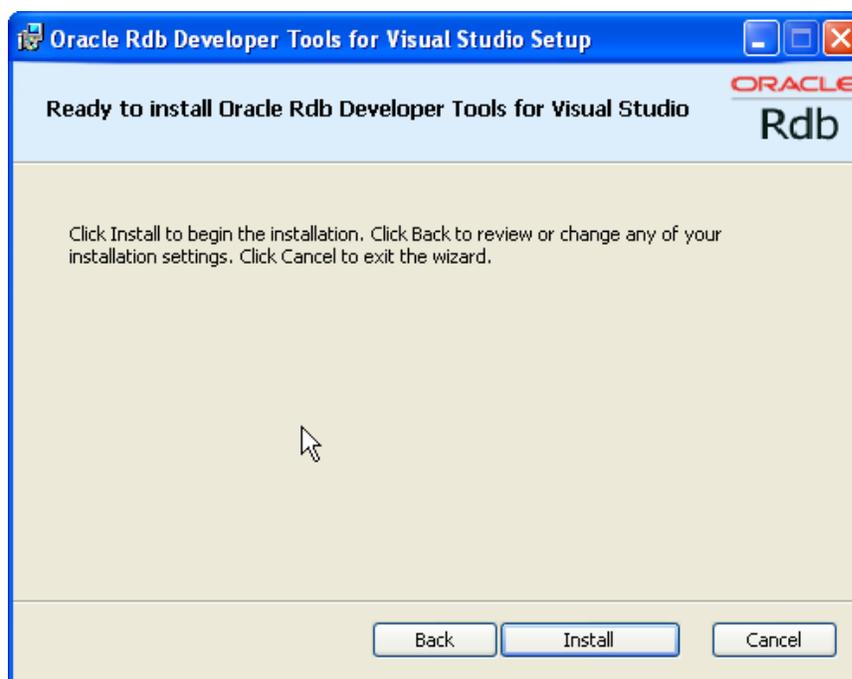
7. Click **Install**.

The installation will proceed.
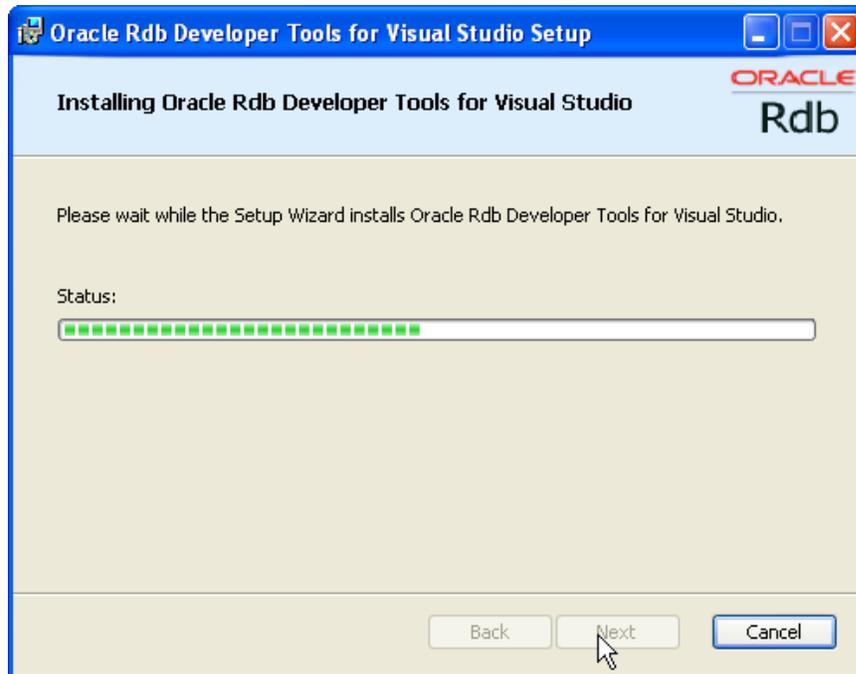
The final steps of the installation merge the ORDT Visual Studio extension into your Visual Studio environments.

Note:

The re-configuration of Visual Studio 2005 and Visual Studio 2008 that occurs at the end of the installation and deinstallation may take some time to complete as it must merge all the VSPackages present within the Visual Studio environment.

Please do not interrupt the installation/de-installation during this process as it may leave your Visual Studio environment in an unstable state.

Once complete the finish screen will appear.

Oracle Rdb Developer Tools for Visual Studio Setup

Completed the Oracle Rdb Developer
Tools for Visual Studio Setup Wizard

Click the Finish button to exit the Setup Wizard.

Back   Finish   Cancel
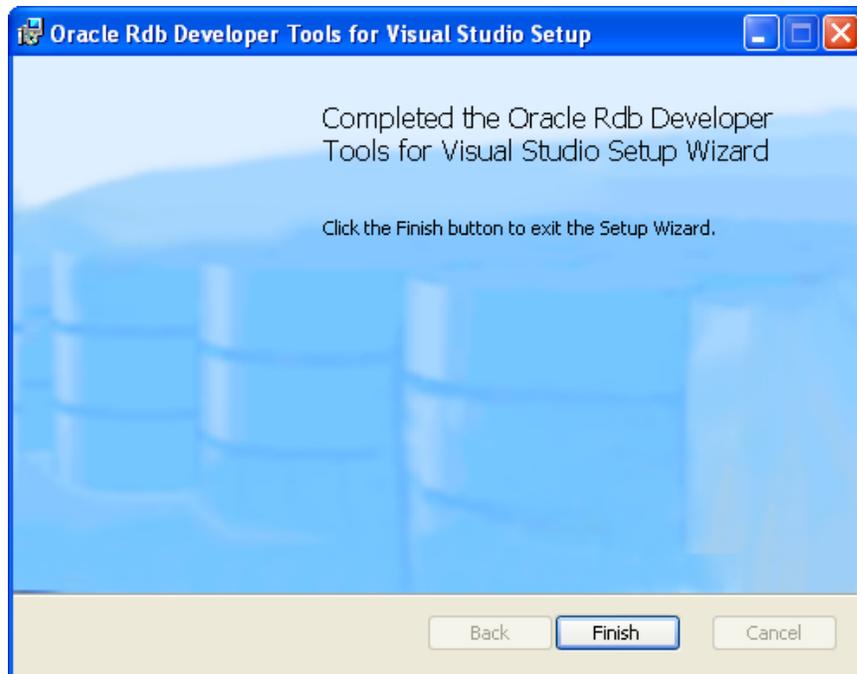
8. Click **Finish.**

9. Optional Reboot.

If this is the first time you have installed ORDP.NET on your system you
may be required to reboot your system.
On a new installation, if you do not reboot after installing ORDP.NET (as
part of the ORDT installation), it is possible that an exception may be
raised when trying to access the ORDP.NET libraries:

"Rdbnet.dll" not found

Rebooting your system should prevent this exception from being raised.

1.4 Oracle Rdb Data Provider for .NET

Starting with Release 7.3-2 of ORDP.NET, ORDP.NET is installed as part of
ORDT.

If you do not require the Visual Studio integration features of ORDT then when you install ORDT you may select a customized installation and choose only to install ORDP.NET.

During the installation of ORDT the strongly named ORDP.NET assembly will be added to your system Global Assembly Cache so that a single assembly instance may be used by multiple applications.

Note:
> **Starting with Release 7.3-2 of ORDP.NET, ORDP.NET will no longer provide a standard assembly.**

The ORDT installation will also update your system PATH variable to include the ORDP.NET installation directory and will make the appropriate changes to your machine.config file so that ORDP.NET will be registered correctly for use with .NET applications.

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

1.4.1 Assembly Version Changed in ORDP.NET V7.3-2

The assembly version of the Strongly Named assembly has changed in ORDP.NET version 7.3-2.

The new version of ORDP.NET retains the same PublicKeyToken as ORDP.NET version 7.3-10 but the version number has been changed to:

```
Version=7.3.2.0
```

References made to prior version ORDP.NET strongly names assemblies in your configuration and system registry files may need to be changed to reflect the new assembly information to ensure that applications on your system will use the new version of ORDP.NET from the System Assembly Cache.

Chapter 2
Enhancements Provided in Oracle Rdb Deleveloper Tools for Visual Studio Release 7.3-2

This chapter describes new and changed features in Oracle Rdb Developer Tools for Visual Studio release 7.3-2.

This is the first release of ORDT.

See also:
Oracle Rdb Data Provider for .Net Release Notes.

Ths chapter contains:

- [Integration of Oracle Rdb Data Provider for .NET into Microsoft Visual Studio.](#)

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

Oracle Rdb Data Provider for .NET is now integrated into the Microsoft Visual Studio for .NET IDE.

Chapter 3
Problems Corrected

This chapter describes problems corrected in Oracle Rdb Developer Tools for Visual Studio release 7.3-2.

This is the first release of ORDT.

See also:
Oracle Rdb Data Provider for .NET Release Notes.

Chapter 4
Known Problems, Restrictions and Workarounds

This chapter describes known problems, restrictions, and workarounds for Oracle Rdb Developer Tools for Visual Studio release 7.3-2.

This chapter contains:

- [Unsupported features.](#)

4.1 Unsupported features.

The following Visual Studio features are not available in this version of ORDT.

- Foreign Key support
- Open Table definition
- Alter Procedure
- Data View Designer
- Import/export table data as XML.

Chapter 5
New Features and Corrections in Previous Releases

This is the first release of ORDT.