

Oracle® Database

Client Quick Installation Guide

10g Release 1 (10.1.0.2.0) for Windows

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This guide describes how to quickly install Oracle Database Client on Windows systems. It includes information about the following:

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2 Review Information About this Guide

Note: This guide describes how to install Oracle Database Client on a system that does not have any Oracle software installed on it. If there is an existing Oracle software installation on this system, see *Oracle Database Client Installation Guide for Windows* for more detailed installation instructions.

This guide describes how to complete a default installation of Oracle Database Client in a new Oracle home directory. It describes how to perform one of the following installation types:

- **Administrator:** Enables applications to connect to an Oracle database on the local system or on a remote system. It also provides tools that let you administer an Oracle database.
- **Runtime:** Enables applications to connect to an Oracle database on the local system or on a remote system.
- **Instant Client:** Enables you to install only the shared libraries required by Oracle Call Interface applications that use the Instant Client feature. This installation type requires much less disk space than the other Oracle Database Client installation types.

See Also: *Oracle Call Interface Programmer's Guide* for more information about the Instant Client feature

Where to Get Additional Installation Information

For more detailed information about installing Oracle Database Client, see *Oracle Database Client Installation Guide for Windows*.

This guide is available on the product compact disc. To access it, use a Web browser to open the `welcome.htm` file, either in the top-level directory on the CD-ROM or in the `client` directory on the DVD-ROM, then select the **Documentation** tab.

3 Software Requirements

[Table 1](#) lists the software requirements for Oracle Database Client.

Table 1 Oracle Database Client Software Requirements

Requirement	Value
System Architecture	32-bit
Operating System	<p>Oracle Database Client for Windows is supported on the following operating systems:</p> <ul style="list-style-type: none"> ▪ Windows NT Server 4.0, Windows NT Server Enterprise Edition 4.0, and Terminal Server Edition with service pack 6a or higher. Windows NT Workstation is no longer supported. ▪ Windows 2000 with service pack 1 or higher. All editions, including Terminal Services and Windows 2000 MultiLanguage Edition (MLE), are supported. ▪ Windows Server 2003 ▪ Windows XP Professional <p>Windows Multilingual User Interface Pack is supported on Windows XP Professional and Windows Server 2003.</p>
Compiler	<p>Oracle C++ Call Interface supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, Microsoft Visual C++ .NET 2003, Intel Proton</p> <p>Oracle Call Interface supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p> <p>External callouts support the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p> <p>PL/SQL native compilation supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual C++ .NET 2002, and Microsoft Visual C++ .NET 2003</p> <p>Pro*COBOL supports Micro Focus NetExpress. Object Oriented COBOL (OOCOBOL) specifications are not supported.</p> <p>XDK supports the following compilers: Microsoft Visual C++ 6.0, Microsoft Visual Studio .NET 2002, and Microsoft Visual Studio .NET 2003</p>
Network Protocol	<p>The Oracle Net foundation layer uses Oracle protocol support to communicate with the following industry-standard network protocols:</p> <ul style="list-style-type: none"> ▪ TCP/IP ▪ TCP/IP with SSL ▪ Named Pipes

4 Hardware Requirements

The following hardware components are required for Oracle Database Client:

- RAM: 128 MB minimum, 256 MB recommended
- Virtual memory: double the amount of RAM
- Disk space: see [Table 2](#)
- Temp disk space: 100 MB
- Video adapter: 256 color
- Processor: 200 MHz minimum

4.1 Hard Disk Space Requirements

This section lists system requirements for NT File System (NTFS) file systems. FAT32 space requirements are slightly larger. Oracle recommends installing Oracle components on NTFS.

The NTFS system requirements listed in this section are more accurate than the hard disk values reported by the Oracle Universal Installer Summary screen. The Summary screen does not include the space required to create a database or the size of compressed files that are expanded on the hard drive.

The hard disk requirements for Oracle Database Client components include space required to install Java Runtime Environment (JRE) and Oracle Universal Installer on the partition where the operating system is installed. If sufficient space is not detected, then installation fails and an error message appears.

Table 2 lists the space requirements for NTFS.

Table 2 *Hard Disk Space Requirements for NTFS*

Installation Type	System Drive	Oracle Home
Administrator	80 MB	485 MB
Runtime	70 MB	240 MB
Instant Client	70 MB	88 MB

See Also: "About NTFS File System and Windows Registry Permissions" in *Oracle Database Platform Guide for Windows*

To ensure that the system meets these requirements, follow these steps:

1. Determine the physical RAM size. For a computer using Windows 2000, for example, open the **System** control panel and select the **General** tab. If the size of the physical RAM installed in the system is less than the required size, then you must install more memory before continuing.
2. Determine the size of the configured swap space (also known as paging file size). For a computer using Windows 2000, for example, open the **System** control panel, select the **Advanced** tab, and click **Performance Options**.

If necessary, see your operating system documentation for information about how to configure additional swap space.

3. Determine the amount of free disk space on the system. For a computer using Windows 2000, for example, open **My Computer**, right-click the drive where the Oracle software is to be installed, and choose **Properties**.
4. Determine the amount of disk space available in the `temp` directory. This is equivalent to the total amount of free disk space, minus what will be needed for the Oracle software to be installed.

If there is less than 100 MB of disk space available in the `temp` directory, then first delete all unnecessary files. If the `temp` disk space is still less than 100 MB, then set the `TEMP` or `TMP` environment variable to point to a different hard drive. For a computer using Windows 2000, for example, open the **System** control panel, select the **Advanced** tab, and click **Environment Variables**.

5 Install the Oracle Database Client Software

The following sections describe how to install the Oracle software:

- [Reviewing Product-Specific Installation Guidelines](#)
- [Running Oracle Universal Installer](#)

5.1 Reviewing Product-Specific Installation Guidelines

Review the following guidelines before starting Oracle Universal Installer:

- Do not use Oracle Universal Installer from an earlier Oracle product release to install components from this release.
- Reinstalling Oracle Software

If you reinstall Oracle software into an Oracle home directory where Oracle Database Client is already installed, then you must also reinstall any components that were installed before you began the reinstallation.

5.2 Running Oracle Universal Installer

Note: Use the same installation media to install Oracle Database Client on all supported Windows platforms.

See Also: For instructions on installing Oracle Database Client without using the installation media, see *Oracle Database Client Installation Guide for Windows*

Start Oracle Universal Installer and install the software, as follows:

1. Insert the CD labeled Oracle Database Client.

The Autorun screen automatically appears. If the Autorun screen does not appear, then:

- a. Choose **Start > Run**.
- b. Enter the following:

```
DRIVE_LETTER:\autorun\autorun.exe
```

The Autorun screen appears.

2. Choose **Install/Deinstall Products** from the Autorun screen.

The Welcome screen appears. [Table 3](#) lists the recommended action for each screen.

3. Use the following guidelines to complete the installation:

- Follow the instructions displayed in the Oracle Universal Installer screens. If you need additional information, click **Help**.
- Do not install Oracle Database 10g release 1 (10.1) software into an existing Oracle home that contains Oracle9i or earlier software.
- Do not modify the Java Runtime Environment (JRE) except by using a patch provided by Oracle Support Services. Oracle Universal Installer

automatically installs the Oracle-supplied version of the JRE. This version is required to run Oracle Universal Installer and several Oracle assistants.

- If you chose an installation type that runs Oracle Net Configuration Assistant in interactive mode, then you must provide detailed information about configuring your database and network. If you need assistance when using Oracle Net Configuration Assistant in interactive mode, then click **Help** on any screen.

Note: If you chose a default installation, then Oracle Net Configuration Assistant runs non-interactively.

4. When all of the configuration tools have finished, click **Exit**, then click **Yes** to exit from Oracle Universal Installer.
5. Optionally, delete the `\temp\OraInstalldate_time` directory if you want to remove the temporary files that were created during the installation process. The `OraInstalldate_time` directory holds about 45 MB of files.

Restarting your computer also removes the `OraInstalldate_time` directory.

Table 3 Oracle Universal Installer Screens

Screen	Recommended Action
Welcome	Click Next .
Specify File Locations	In the Destination section, accept the default values or enter the Oracle home name and directory path in which to install Oracle components. Click Next .
Select Installation Type	Select Instant Client, Administrator, Runtime, or Custom . Click Next .
Summary	Review the information displayed, then click Install .
Install	The Install screen displays status information while the product is being installed.
Configuration Assistants	The Configuration Assistants screen displays status information for the configuration assistants that configure the software.
Oracle Net Configuration Assistant: Welcome	You can choose Naming Methods configuration or let Oracle Net Configuration Assistant complete a typical configuration for you. If you want to choose, simply click Next . If you want a typical configuration, first click the Perform typical configuration checkbox and then click Next .
Oracle Net Configuration Assistant: Naming Methods Configuration, Select Naming Methods	This screen appears only if you did not click the Perform typical configuration checkbox. Local Naming, the recommended naming method, is preselected. But you can remove it, add other naming methods, or change the order of selected naming methods by first clicking on the naming method and then clicking on the arrow keys. When you are done selecting naming methods, click Next .

Table 3 (Cont.) Oracle Universal Installer Screens

Screen	Recommended Action
Oracle Net Configuration Assistant: Net Service Name Configuration, Service Name	This screen appears only if you did not click the Perform typical configuration checkbox. Enter the service name of the database or other service you want to access and click Next .
Oracle Net Configuration Assistant: Net Service Name Configuration, Select Protocols	This screen appears only if you did not click the Perform typical configuration checkbox. Select the protocol used by the database you want to access and click Next .
Oracle Net Configuration Assistant: Net Service Name Configuration, Your Protocol	This screen appears only if you did not click the Perform typical configuration checkbox, and its contents depend on which protocol you chose in the previous screen. If you chose TCP or TCPS, then this screen asks for a Host name and port number. If you chose IPC, then this screen asks for an IPC Key value. If you chose NMP, then this screen asks for a Computer Name and a pipe name. Supply the needed information and click Next .
Oracle Net Configuration Assistant: Net Service Name Configuration, Test	This screen appears only if you did not click the Perform typical configuration checkbox. It offers a pair of radio buttons enabling you to test or not test your connection to the database. Make your choice and click Next .
Oracle Net Configuration Assistant: Net Service Name Configuration, Connecting	This screen appears only if you chose to test the connection in the previous screen. If the connection does not succeed, then this screen instructs you to click Back to review the connection information you supplied or click Change Login to change username, password, or both. Click Next .
Oracle Net Configuration Assistant: Net Service Name	This screen appears only if you did not click the Perform typical configuration checkbox. It lets you enter a name for this net service name. The default is the service name you entered earlier. Click Next .
Oracle Net Configuration Assistant: Another Net Service Name?	This screen appears only if you did not click the Perform typical configuration checkbox. It asks if you want to enter another name for this net service name. Click Next .
Oracle Net Configuration Assistant: Net Service Name Configuration Done	This screen appears only if you did not click the Perform typical configuration checkbox. It tells you that net service name configuration is complete. Click Next .
Oracle Net Configuration Assistant: Naming Methods Configuration Done	This screen appears only if you did not click the Perform typical configuration checkbox. It tells you that naming methods configuration is complete. Click Next .
Oracle Net Configuration Assistant: Done	Click Finish .
End of Installation	The End of Installation screen tells you installation was successful. Click Exit , then click Yes .

6 What to Do Next

After you have successfully installed Oracle Database Client, see Chapter 4, "Postinstallation Tasks" in *Oracle Database Client Installation Guide for Windows* for information about required and optional postinstallation steps.