

Oracle 10g Instant Client

for Windows XP Professional

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What is Oracle Instant Client?

- Instant Client allows you to run your applications without installing the standard Oracle client or having an ORACLE_HOME.
- Uses significantly less disk space
- SQL*Plus can be used with Instant Client.

Downloading Instant Client

- <http://www.oracle.com/technology/tech/oci/instantclient/index.html>
- Download Basic, SQL*PLUS, ODBC
- Select the Platform
e.g. [Instant Client for Microsoft Windows \(32-bit\)](#)

Installation Steps

1. Download the appropriate Instant Client packages for your platform. (**All installations REQUIRE the Basic or Basic Lite package.**)
2. Unzip the packages into a single directory such as "instantclient".
3. Set the library loading path in your environment to the directory in Step 2 (e.g. "instantclient").
 - UNIX platforms = LD_LIBRARY_PATH
 - On Windows = PATH should be used.
4. Start your application and enjoy.

Contents of the Installer (1)

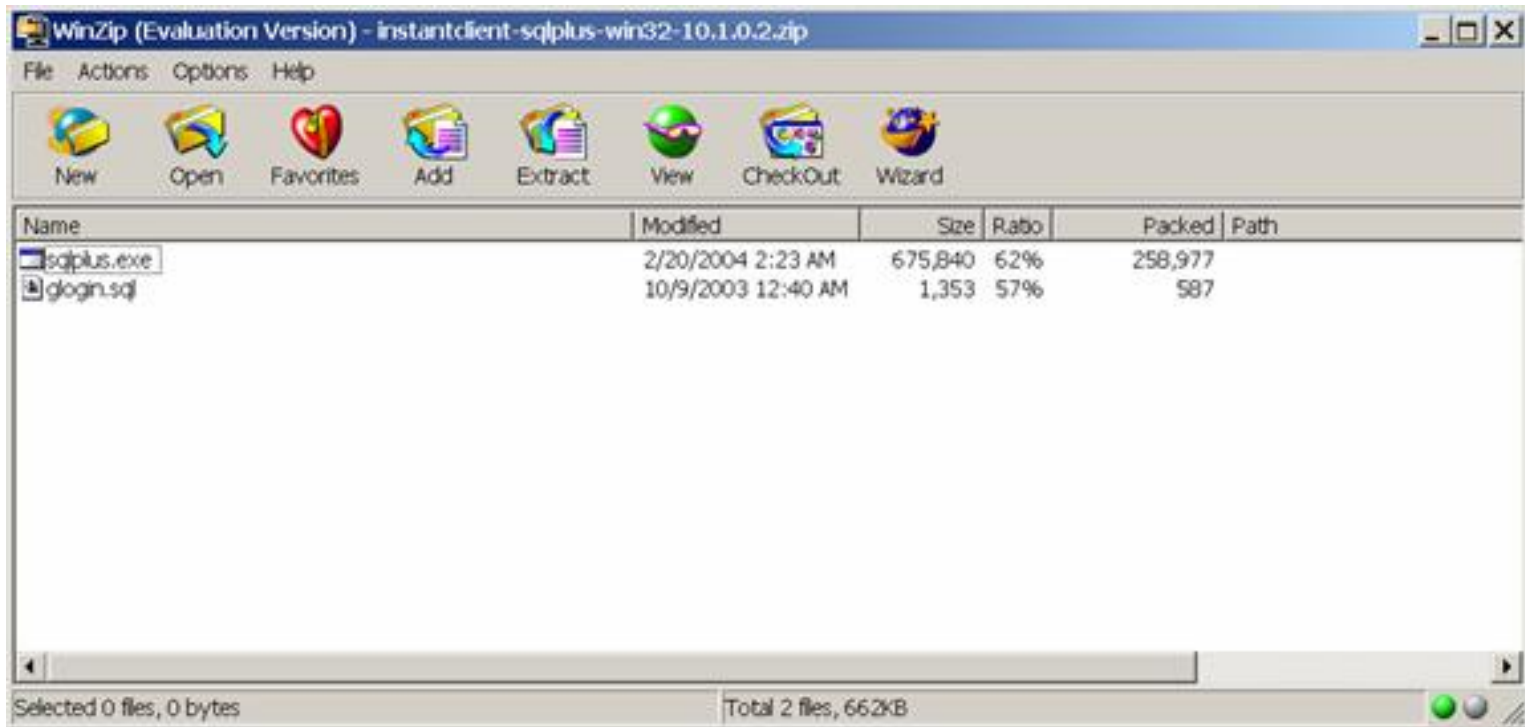
- **Contents of the Basic Package**

Name	Modified	Size	Ratio	Packed	Path
orannesbb10.dll	3/5/2004 6:11 PM	962,832	54%	442,609	
oci.dll	4/7/2004 10:22 AM	188,416	72%	53,208	
oraocd10.dll	3/8/2004 5:01 PM	1,066,676	73%	284,032	
ocjdbc10.dll	1/21/2004 5:54 PM	61,712	61%	23,930	
classes12.jar	1/21/2004 5:57 PM	1,417,089	6%	1,338,782	
ojdbc14.jar	1/21/2004 5:57 PM	1,352,918	6%	1,276,306	
oraocd10.dll	4/7/2004 10:23 AM	82,403,...	67%	27,586,122	
oclw32.dll	3/8/2004 4:16 PM	32,768	79%	6,863	

Selected 0 files, 0 bytes Total 8 files, 85,436KB

Contents of the Installer (2)

- **Contents of the SQL*Plus Package**



Environment Variables (1)

- Manage environment variables using the System Properties dialog box.
- Open **Control Panel-Performance and Maintenance-System** (or right-click **My Computer** and select "Properties").
 - In the box that opens, click the "Advanced" tab.
 - Next, click the button "Environment Variables".

Environment Variables (2)

- SET PATH=E:\OracleInstantClient;%PATH%
- SET TNS_ADMIN=E:\OracleInstantClient
- SET LD_LIBRARY_PATH=
E:\OracleInstantClient
- SET SQLPATH=E:\OracleInstantClient
- if you use a glogin.sql

Connection Method

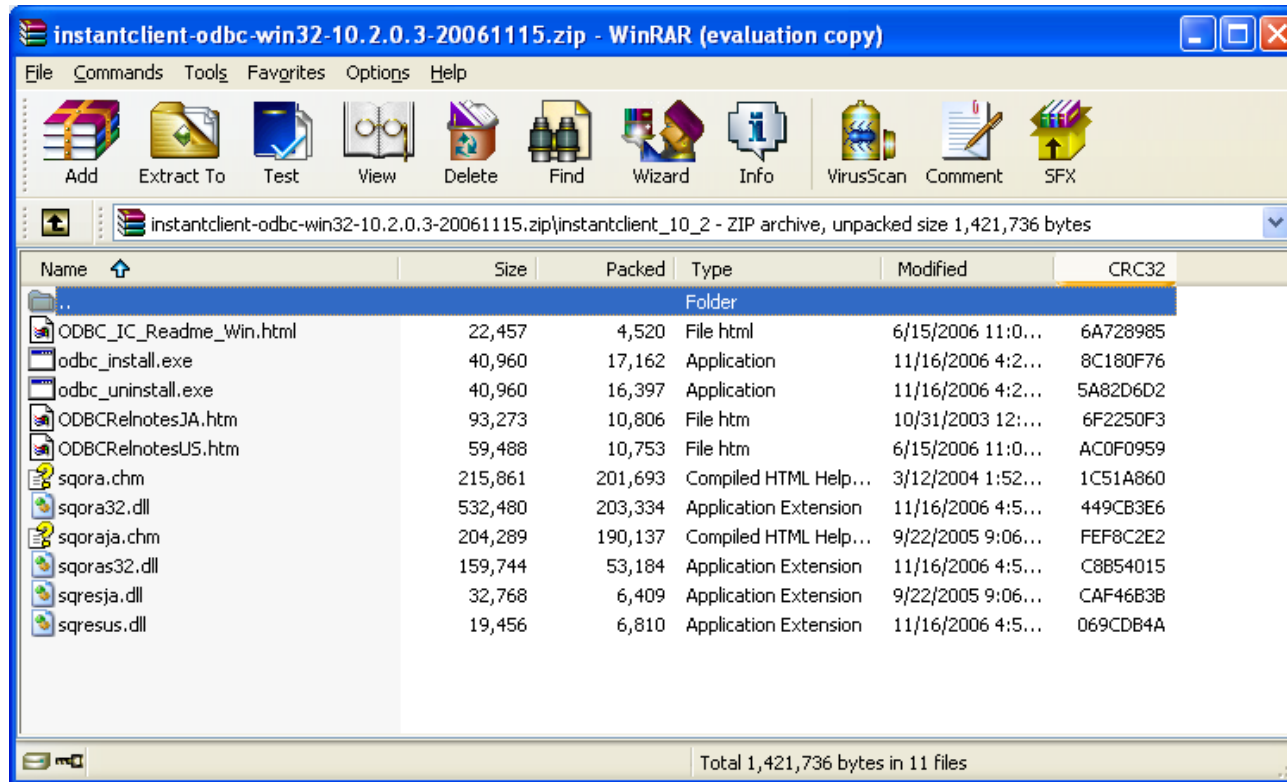
- Specify some form of an Oracle Net connection name or identity.
- Locate the tnsnames.ora file in the directory pointed to by TNS_ADMIN (You can use the following):
 - Method: `sqlplus <user>/<password>@<tns_entry>`
e.g. `sqlplus scott/tiger@daten`
- Full connection string without using tnsnames.ora
 - Method: `sqlplus <user>/<password>@//<machine>:<port>/<service_name>`
e.g. `sqlplus scott/tiger@//bier.pinehorse.com:1521/daten`

Using ODBC

- There is a bug when installing the ODBC.
 - You have to copy the [mfc71.dll](#) and [msvcr71.dll](#) files.
 - Copy them in c:\winnt\system or the instant client (not winnt\system) directory
- <http://forums.oracle.com/forums/thread.jspa?threadID=334846&tstart=0>

Contents of Installer (3)

- **Contents of the ODBC Package**



Summary

Instant Client benefits:

- It is free!
- Downloads quickly
- Uses a small software footprint
- No reliance on typical Oracle CD installation
- Easy to deploy
- No loss of features from full-blown client
- Vendors may package their applications more easily without reliance on customer side installation.