Oracle 10g Instant Client

At 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.
- While using significantly less disk space than before.
- SQL*Plus can be used with Instant Client.

Download Instant Client

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

Installation Steps

- 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 installer (1)

Contents of the Basic Package

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Contents of installer (2)

Contents of the SQL*Plus Package

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Environment variables (1)

- Manage environment variables at the System Properties dialog box.
- Open Control Panel-Performance and Maintenance-System (or right-click on My Computer and choose "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

In a Nutshell

- It is free !!
- Small download times
- Small software footprint
- No reliance on typical Oracle CD installation
- Ease of deployment
- No loss of features from full-blown client
- Vendors may package their applications more easily without reliance on customer side installation

Using ODBC

- There is a bugs on installing the ODBC and have to copy the mfc71.dll and msvcr71.dll.
- Copy them in c:\winnt\system or the instant client (not winnt\system) directory
- <u>http://forums.oracle.com/forums/thread.jsp</u> <u>a?threadID=334846&tstart=0</u>