### **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>