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.

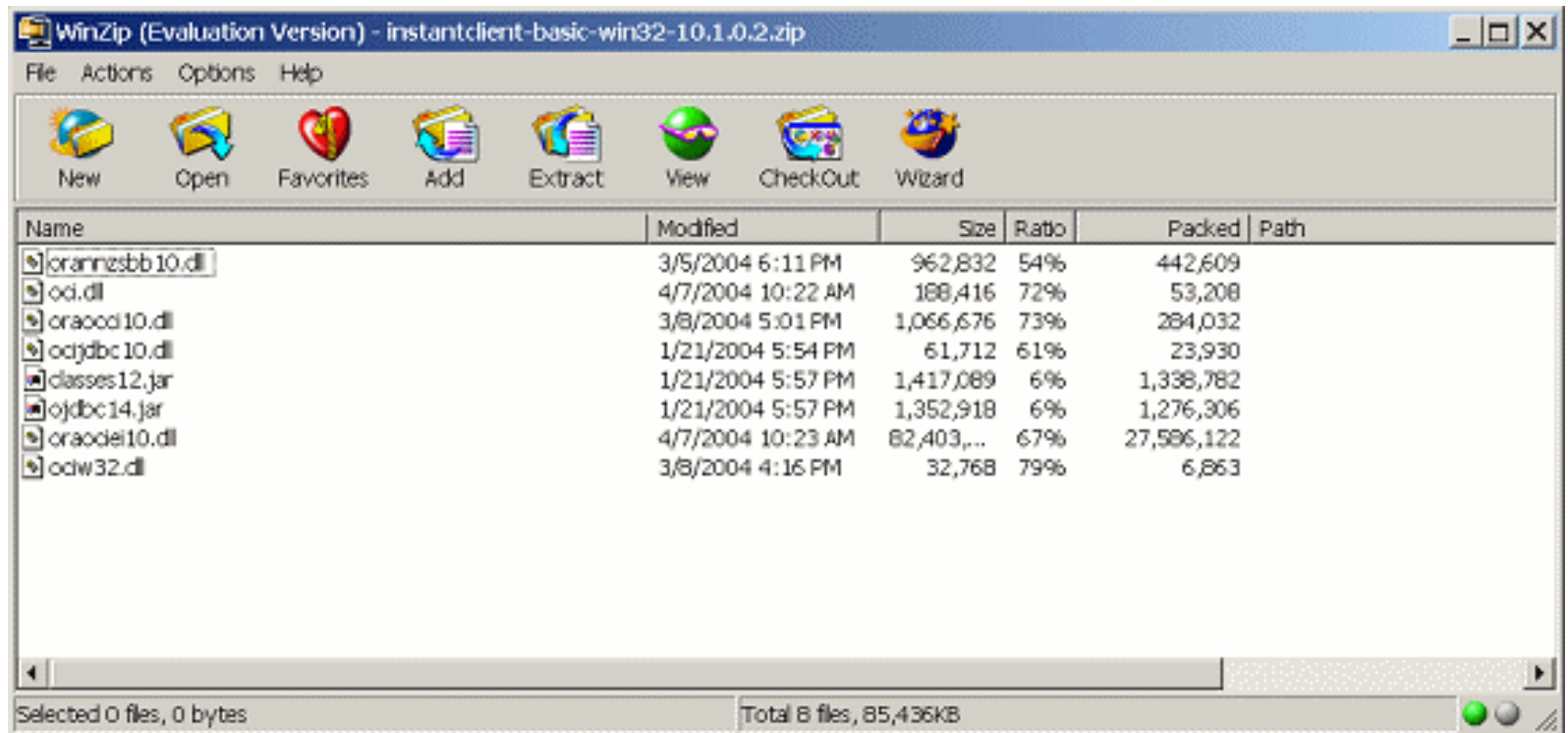- SQL*Plus can be used with Instant Client.

Download Instant Client

- 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.
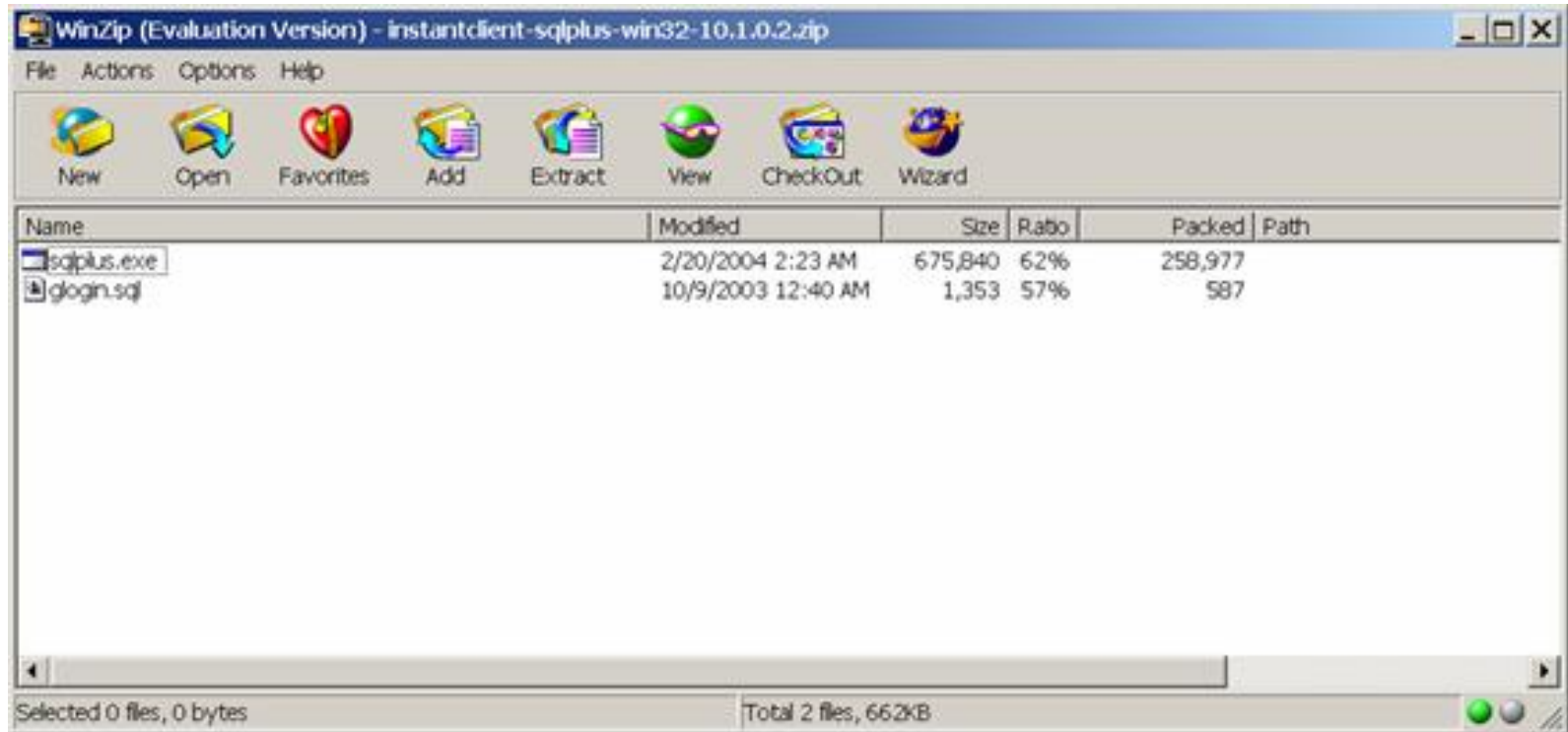
Contents of installer (1)

- **Contents of the Basic Package**

Contents of installer (2)

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

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

- http://forums.oracle.com/forums/thread.jspa?threadID=334846&tstart=0