



Windows XP Oracle and ODBC Configuration

NOTE: These instructions assume that you have Administrative access to your computer. If you do not have administrative access, your local IT Support organization will have to provide you with this access or install the software itself.

A) Windows XP: Configuring an Existing Oracle client.

If you already have an Oracle client installed on your computer, do not follow the procedures in section B. Instead, simply ensure that the following entry is in your tnsnames.ora file:

```
aaude =
  (DESCRIPTION =
    (ADDRESS_LIST =
      (ADDRESS=(PROTOCOL=TCP)(HOST=aaude.mit.edu)(PORT=1521))
    )
    (CONNECT_DATA=(SID=DWRHS))
  )
```

Your tnsnames.ora file should be in the following location:

- Standard Client: [PATH TO ORACLE]\network\admin.
- Instant Client: [PATH TO ORACLE]

In some cases your institution may use a tnsnames file stored centrally and accessed by all client computers. If that is the case, contact your local IT Support to determine how best to add the aaude entry.

Once the tnsnames entry is set up, you can proceed to section C.

B) Windows XP: Installing and Configuring the Oracle 11g Instant Client

NOTE: Section B assumes that you do not already have an Oracle client installed on your computer. If you do have an Oracle Client already installed, see section A. These instructions involve editing your computer's environment variables; if you are not comfortable doing this, or not able to because of local IT policies, contact your IT Support for help with these steps.

1. In a web browser, navigate to <http://www.oracle.com>.
2. Click **Support**.
3. Under "OTN Resources," click **Download Oracle Software**.
4. Under "Databases," click **Database 11g Enterprise/Standard Editions**.
5. Indicate that you **Accept** the OTN License Agreement.
6. You want the Oracle "Client"; it will be under the section with the heading "Oracle Database 11g Release 1 Client..." Click **win32_11gR1_client.zip** (or the most recent version of the client you see) .



Windows XP Oracle and ODBC Configuration

7. You will be prompted for a username and password; if you don't have an Oracle.com account, you can use the following username/password combination:
username: aaude-oracle@mit.edu
password: aaude_warehouse
The file will be download takes 3-5 minutes over a standard LAN connection.
8. Extract/Unzip the downloaded file to your desktop. This extraction process 5-10 minutes.
9. Open the unzipped folder ("win32_11gR1_client "). Open the folder "client." Double-click on the "setup" application ("setup.exe"). This will start the Oracle Universal Installer.
10. At the Universal Installer Welcome screen, click **Next**. When prompted to select an Installation Type, select "InstantClient," and click **Next**. Oracle will provide a default installation path for the software. You can change this path, or leave it as is. Click **Next**. At the "Prerequisite Check" screen, click **Next**. At the "Summary" screen, click **Install**.
11. Installation takes less than 5 minutes. When it has completed, click **Exit**.
12. Open a text editor (such as "Notepad") and type or copy and paste the following entry into the editor.

```
aaude =  
  (DESCRIPTION =  
    (ADDRESS_LIST =  
      (ADDRESS=(PROTOCOL=TCP)(HOST=aaude.mit.edu)(PORT=1521))  
    )  
    (CONNECT_DATA=(SID=DWRHS))  
  )
```

Save the file as "tnsnames.ora" to the folder in which the Oracle Instant Client was installed. . If you accepted the Oracle default value, this should be " C:\product\11.1.0\client_1". You can also download a tnsnames.ora file from the AAUDE warehouse website. NOTE: make sure your text editor does not append the ".txt" extension to the filename; it should be "tnsnames.ora", not "tnsnames.ora.txt".
13. Click **Start->Control Panel**. Double-click on **System**. Click **Advanced**. Click **Environment Variables...**
14. Under "System Variables", click **New...**
15. In the "Variable name" field, enter "TNS_ADMIN." In the "Variable value" field, enter path to your Oracle Instant Client installation. If you used the default Oracle value, this should be " C:\product\11.1.0\client_1".
16. Click **OK** three times to get out of the System properties window.



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C) Windows XP: Configuring an ODBC Connection for the AAUDE Data Warehouse

1. Open the Control Panel
2. Double-click **Administrative Tools**.
3. Double-click **Data Sources (ODBC)**. If Windows prompts you requesting permission to continue, click **Continue**.
4. Select the "System DSN" tab, and click "Add"
5. Select the Oracle Driver. The name will vary depending on your local setup, but should be "Oracle in OraClient11g_home". (Do not select the driver called "Microsoft ODBC for Oracle"). Click **Finish**.
6. Enter the following in the "Oracle ODBC Driver Configuration Screen":

Data Source Name:	AAUDE
Description:	AAUDE data warehouse (or another descriptive phrase; this field is optional)
TNS Service Name	aaude
Userid:	<i>your individual warehouse username</i>

7. Click **Test Connection**. When prompted, enter your warehouse password and click **OK**. You should get a "Connection Successful" message. Click **OK**.
8. Click **OK**. To close the "Oracle ODBC Driver Configuration" screen.
9. Click **OK** to close the "ODBC Data Source Administrator" screen. You are now ready to use your ODBC connection.