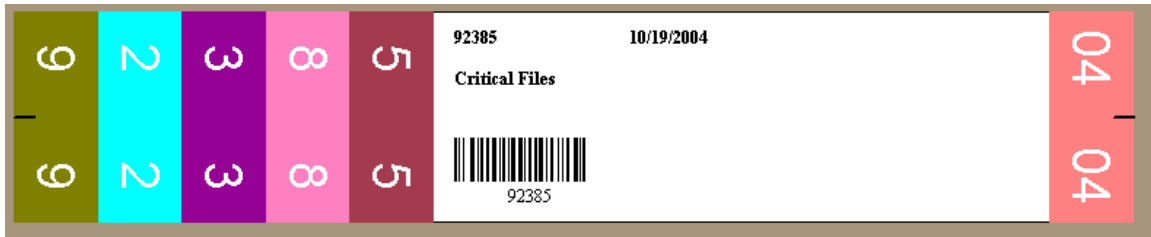


Label

Setup Guide



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1 Labels

This document describes the Label setup process.

For those people who just want to only install the label software you only need to run the setup program discussed in the section “Label Designer Setup”.

For those people who want to use a local or network database please do the database setup for your environment.

For those people who also want to use the record management system software you will need to setup the OCX control and do setup configuration work on the record management server.

2 Document History

The following table shows a history of this document. For several year the setup document was contained in the user guide and is now a separate document.

| <i>Document</i> | <i>Author</i> | <i>Date</i> | <i>Revision Description</i> |
|-------------------|---------------|-------------|--|
| <i>SetupGuide</i> | Roy Nabel | 10/07/2002 | Requirements and Initial Design |
| <i>SetupGuide</i> | Roy Nabel | 07/16/2008 | Major Revisions |
| <i>SetupGuide</i> | Roy Nabel | 07/21/2008 | Separated the Database setup for local & network |

3 Database – Local Setup

To setup the database on the local machine do the following.

1. Download Oracle Express Edition from the following url
<http://www.oracle.com/technology/products/database/xe/index.html>
2. Run the create user script c:\Alabel\DB\sql\CreatePostMasterUser.sql
3. Run the create setup script c:\Alabel\DB\sql\CreateAlabelSetup.sql

The following is information you need if you setup Oracle XE on a remote machine from where you install the label program.

How do you set up an ODBC connection to a XE instance on a remote server?

The basic steps are:

- * Download and install the XE client on your Windows machine
- * Create an ODBC DSN entry
- * Create a new MS Access MDB and link two tables from XE (using the sample user HR)

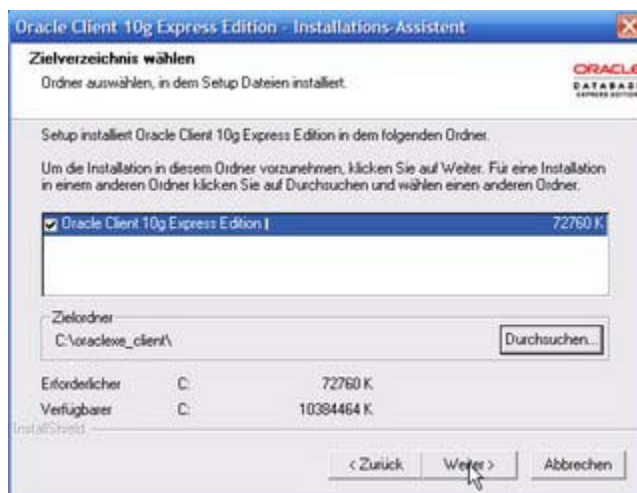
First, you download the XE Client software from the Oracle Technet:

<http://www.oracle.com/technology/software/products/database/xe/index.html>

Double-click on the downloaded file to install it:



During the installation choose to install the client software into a directory of your choice and finish the installation.



After that you can configure the ODBC entry. Goto Start > Control Panel >



Administration > ODBC Datasources
another data source:

On the tab System-DSN add



Choose **Oracle in XEClient**:



Enter the details for the connection to the remote machine, in my case the remote machine is `daust3.opal-consulting.de`

Data Source Name: *choose an arbitrary name*

Description: *choose an arbitrary description*

TNS Service Name: *host:port/SID*

User ID: *Oracle user to connect to*

The service name is critical here, the hostname is the name of the remote machine but it can also be an ip-address. The port is the port on which the Oracle listener is operating, usually **1521**. The SID is fixed, it is called **XE**.

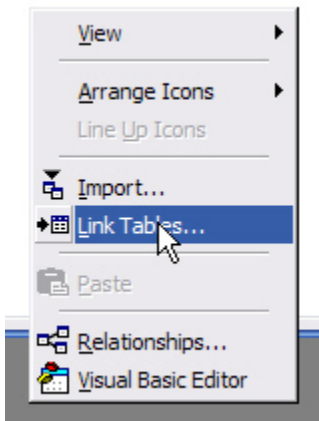
Then test the connection by entering the password for the user HR. The result has to be "Connection successful".



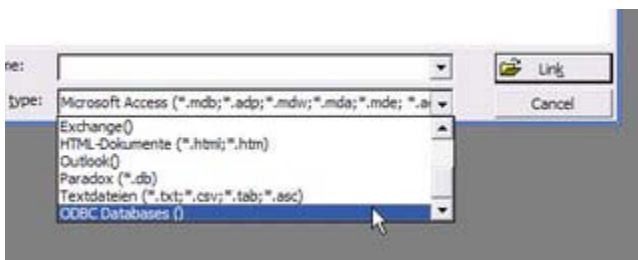
After that start MS Access (in my case I used MS Access 2000) and create a link to the tables stored in XE. You can do this either by clicking on **New > Link table**



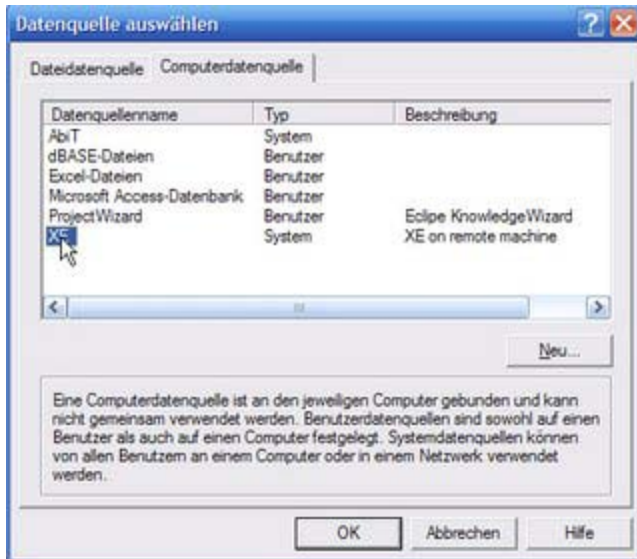
or by **right clicking in the table pane** and selecting **Link Tables ...**



then choose **ODBC Databases** from the bottom of the list:



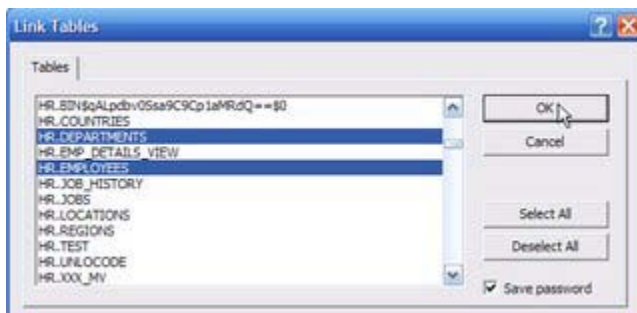
Choose the computer data source **XE**, which we just configured:



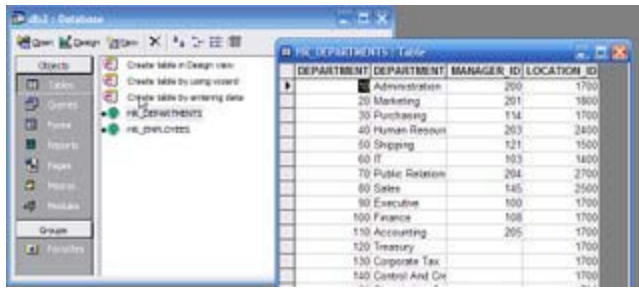
then enter the password for the user HR. You can also just overwrite the User Name with a different user you want to connect to:



then select the relevant tables by holding down the control-key and click on the table names. Then hit OK.



Voila! The tables are linked and you can start using them:



Just be aware of firewalls!!! If you cannot connect to the remote machine the reason can be that port 1521 is blocked by your firewall!

4 Database – Network Setup

You may have the alabel program on different XP or Vista workstations connected to an Oracle database server. You have to do the following install operations on the workstation and server.

Workstation Tasks

1. Install the alabel program on each client by running the setup
2. Start the alabel program and register the product (requires internet connection).
3. You have to install the Oracle client.
4. You have to install the Oracle OLE DB software.
5. You have to configure the ADODConnectionString.ini

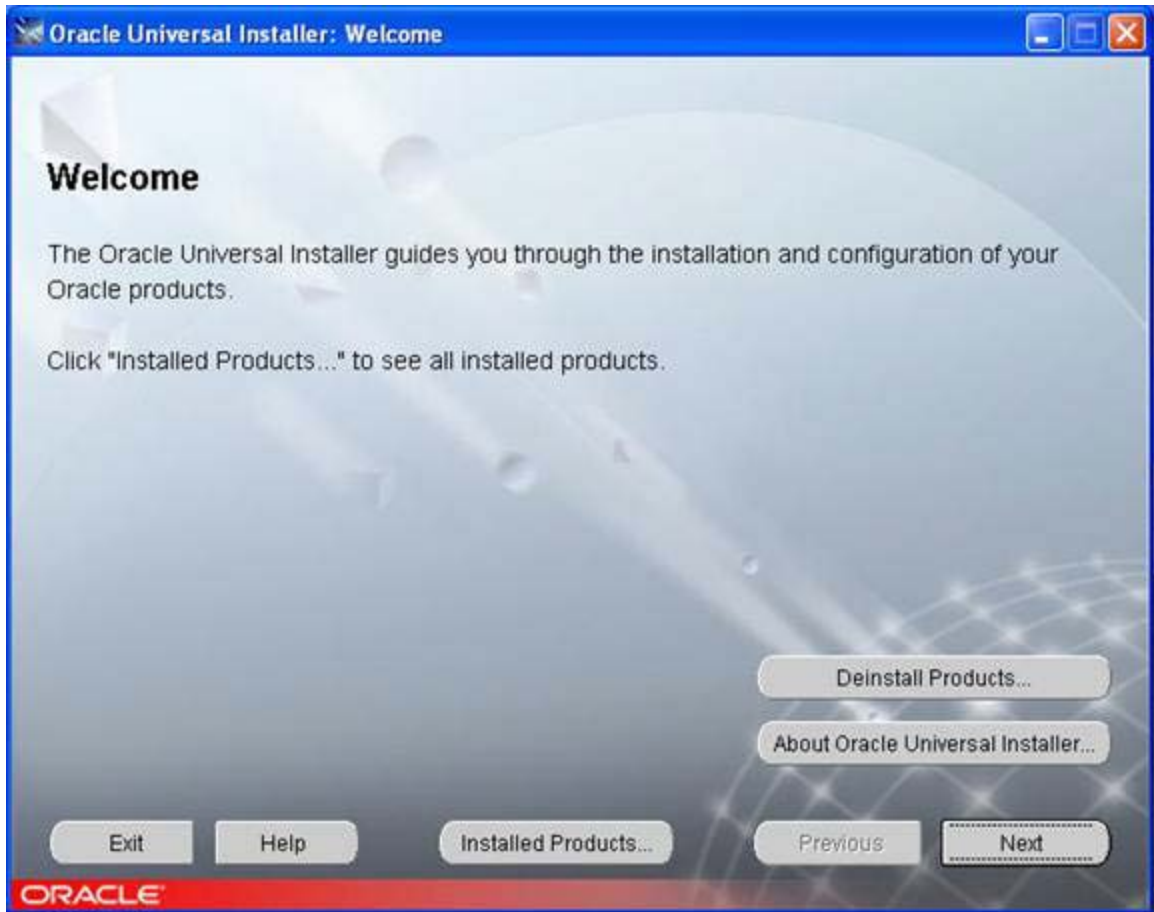
Server Installation Tasks

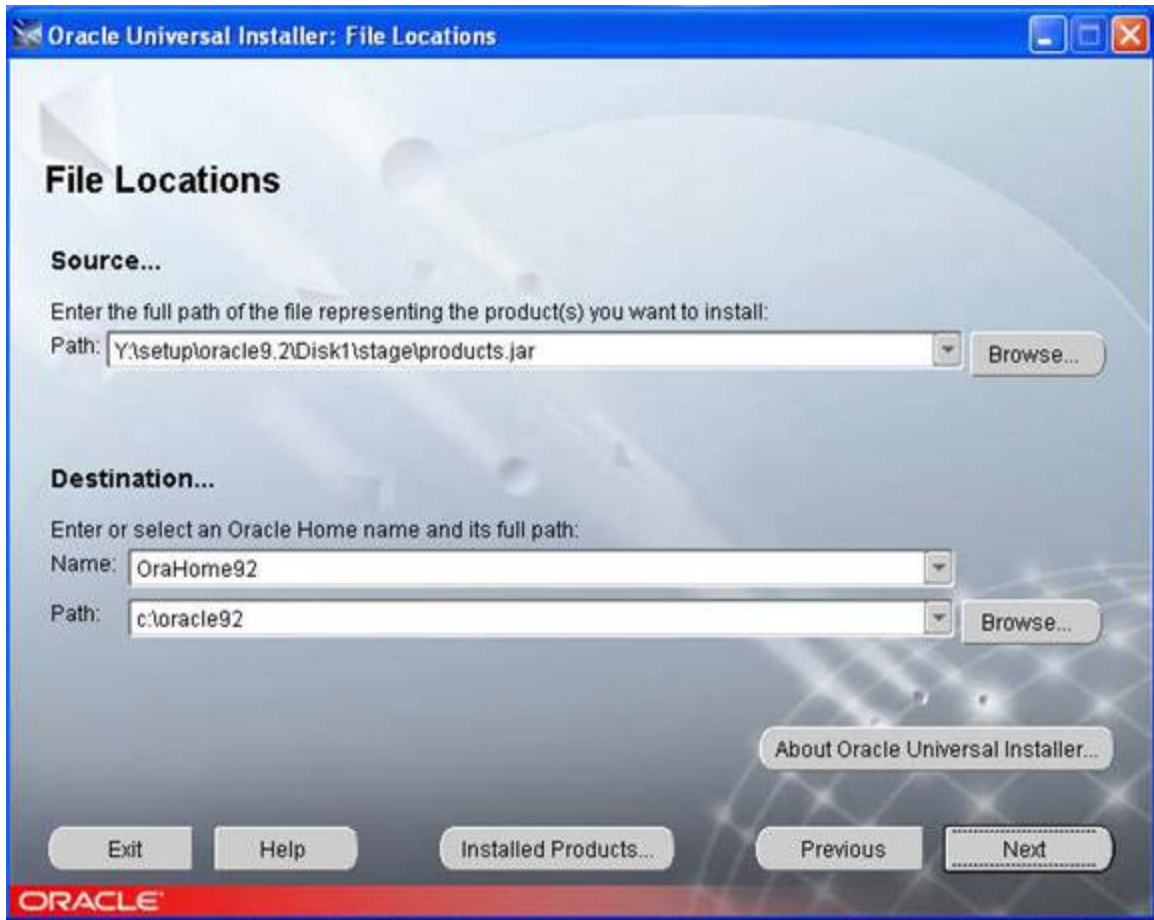
1. Run the create user script
2. Run the create alabel table script on the server
3. Import the sheet specification csv file.

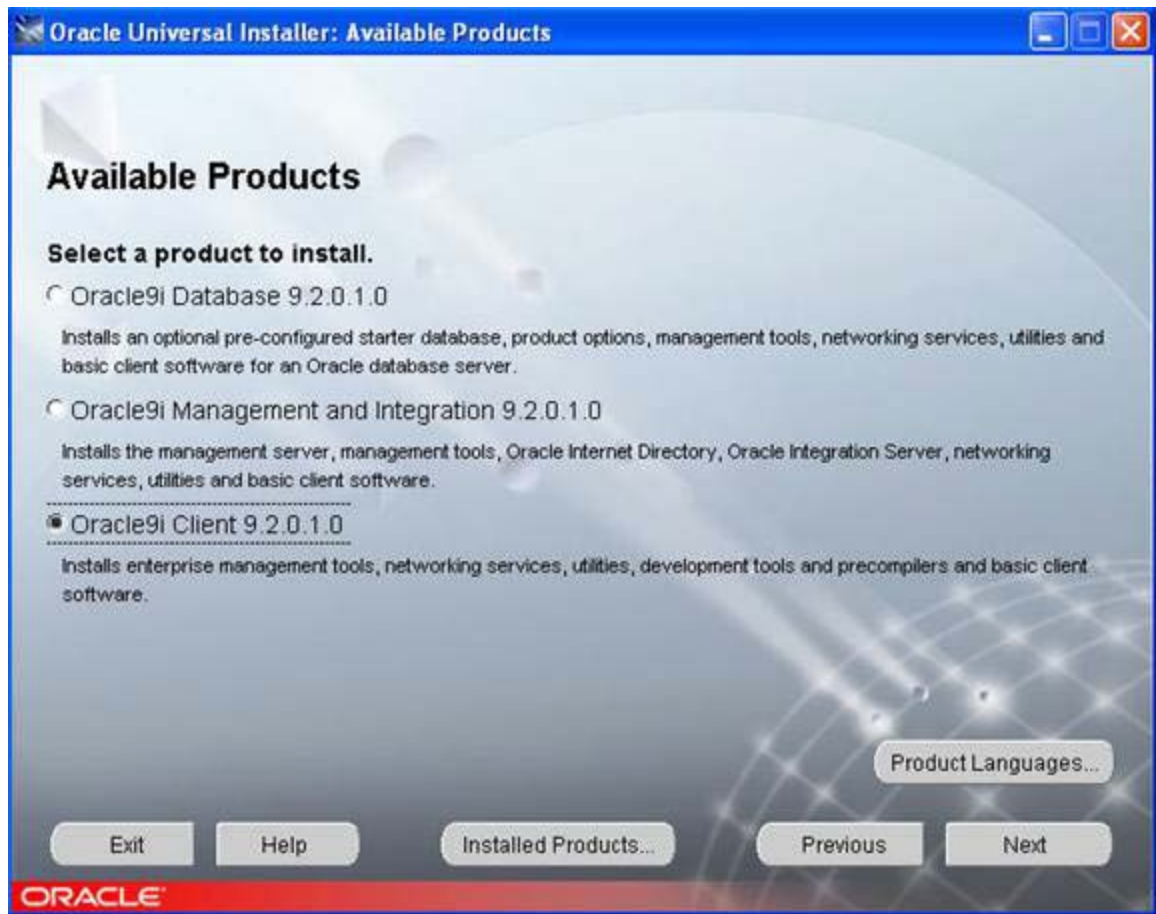
The ADO connection string is located on the local workstation in the directory c:\Alabel\bin and looks like the following.

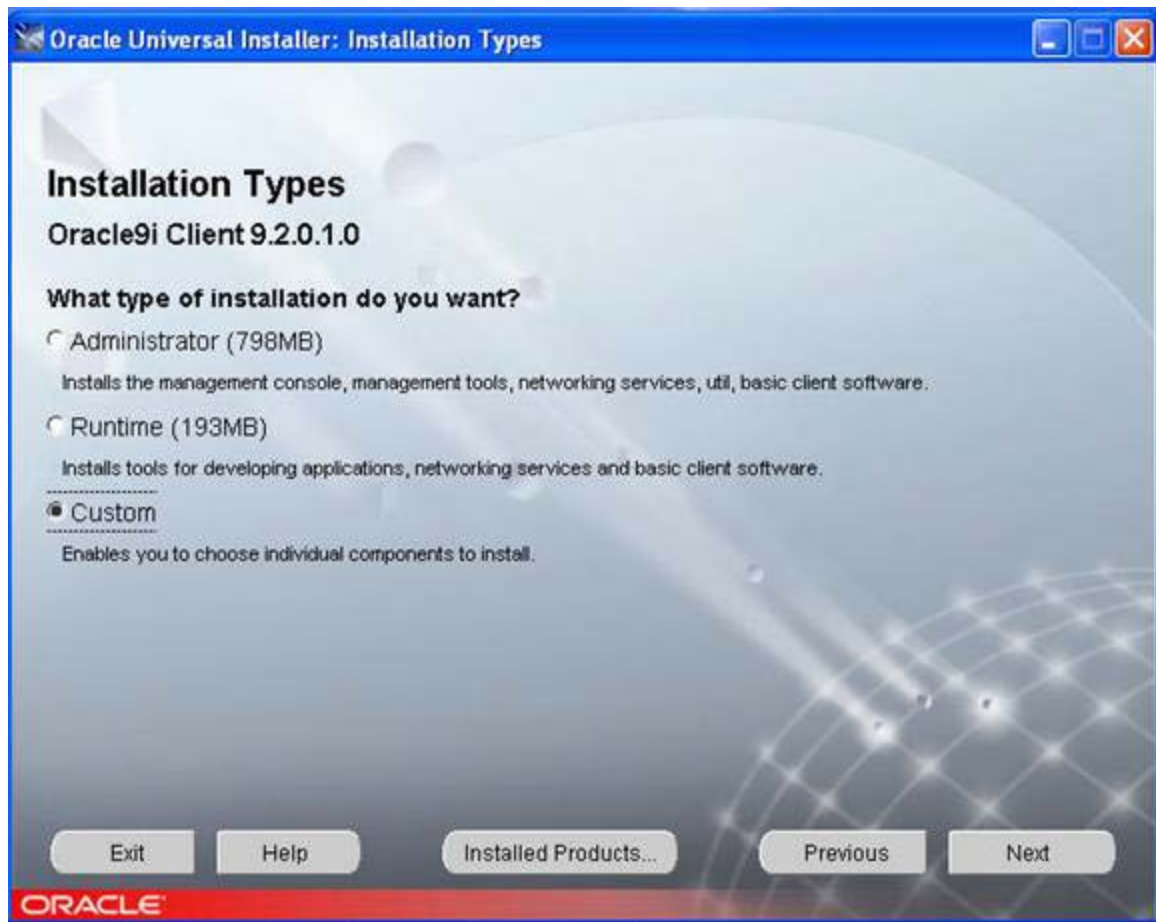
```
Provider=OraOLEDB.Oracle.1;Password=PostageStamp;Persist Security Info=True;User ID=PostMaster;Data Source="rms9seal";Extended Properties=""
```

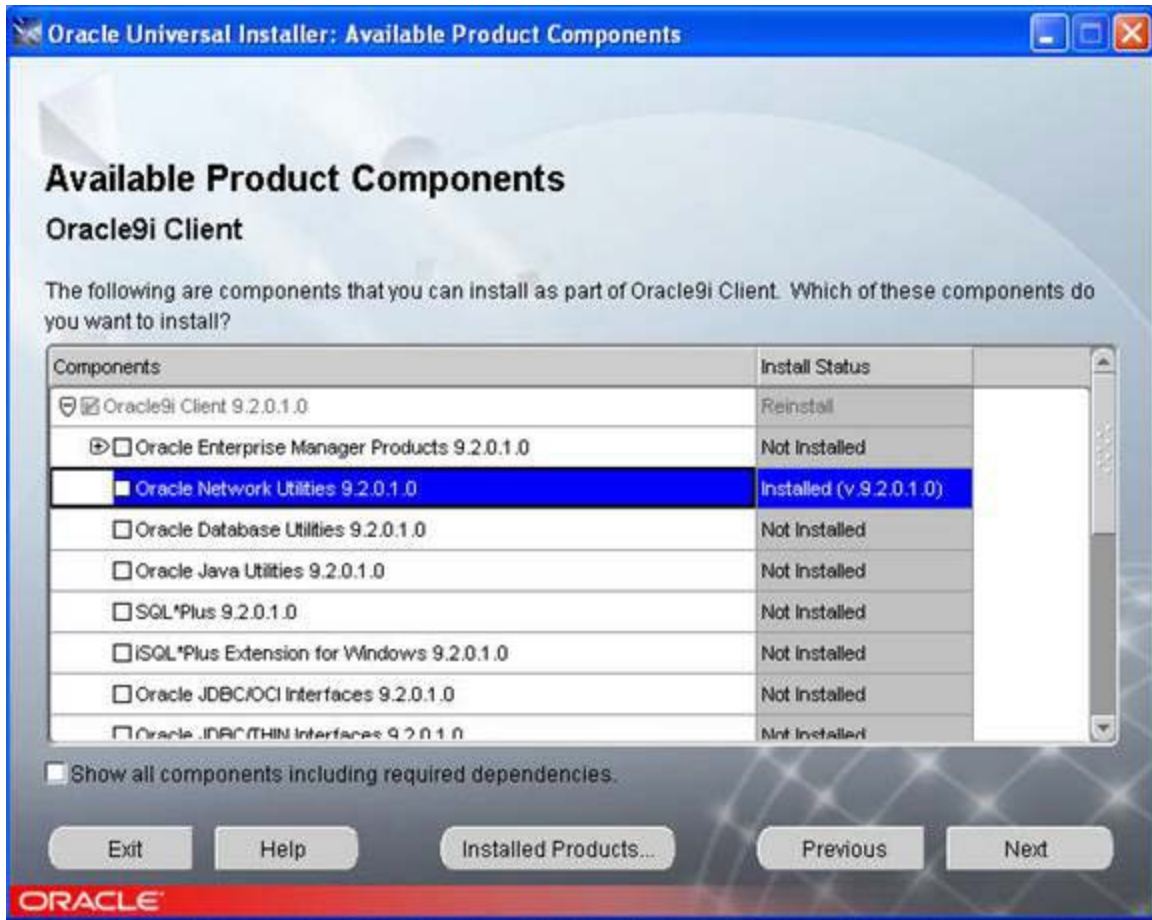
You have to change Source above to match the oracle tnsnames.ora configuration name you have for your Oracle server installation configuration. Run the oracle installer as shown in the next steps to install the client.









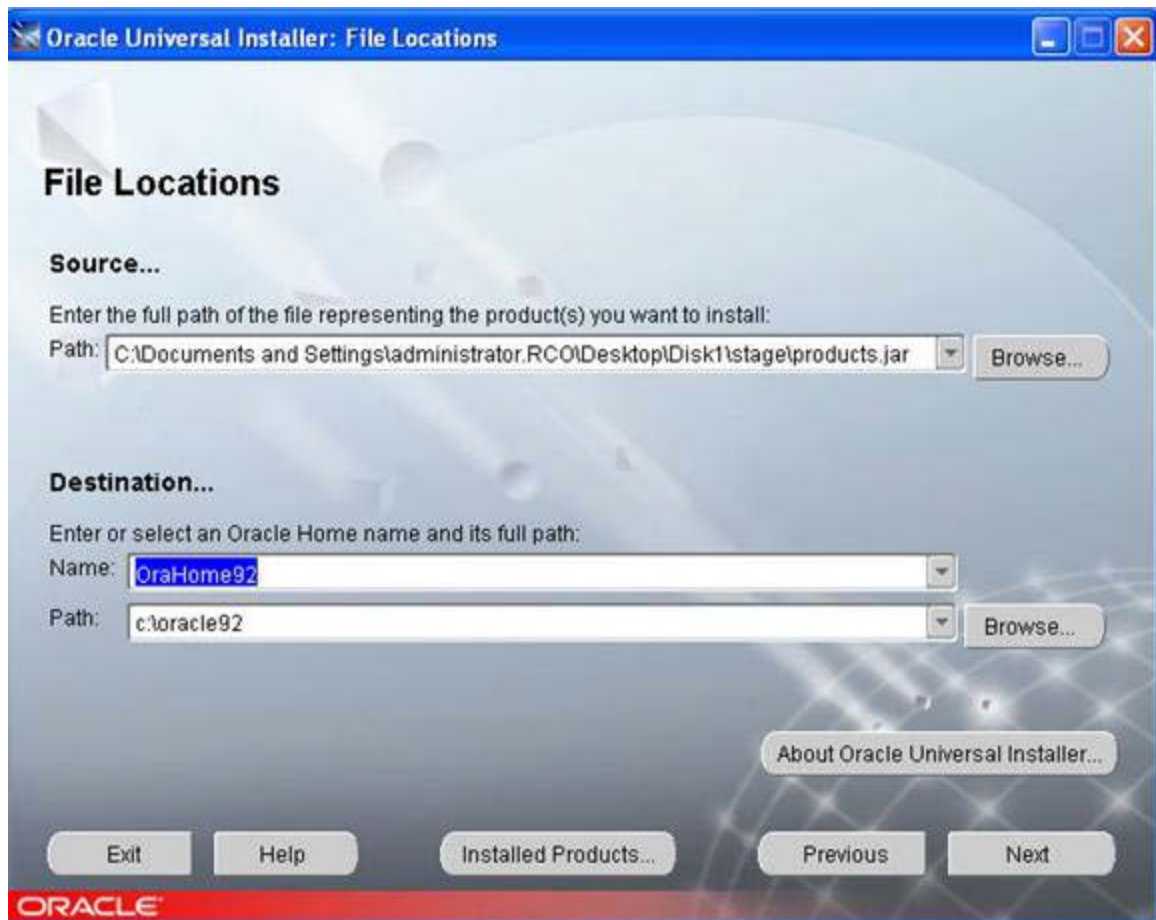


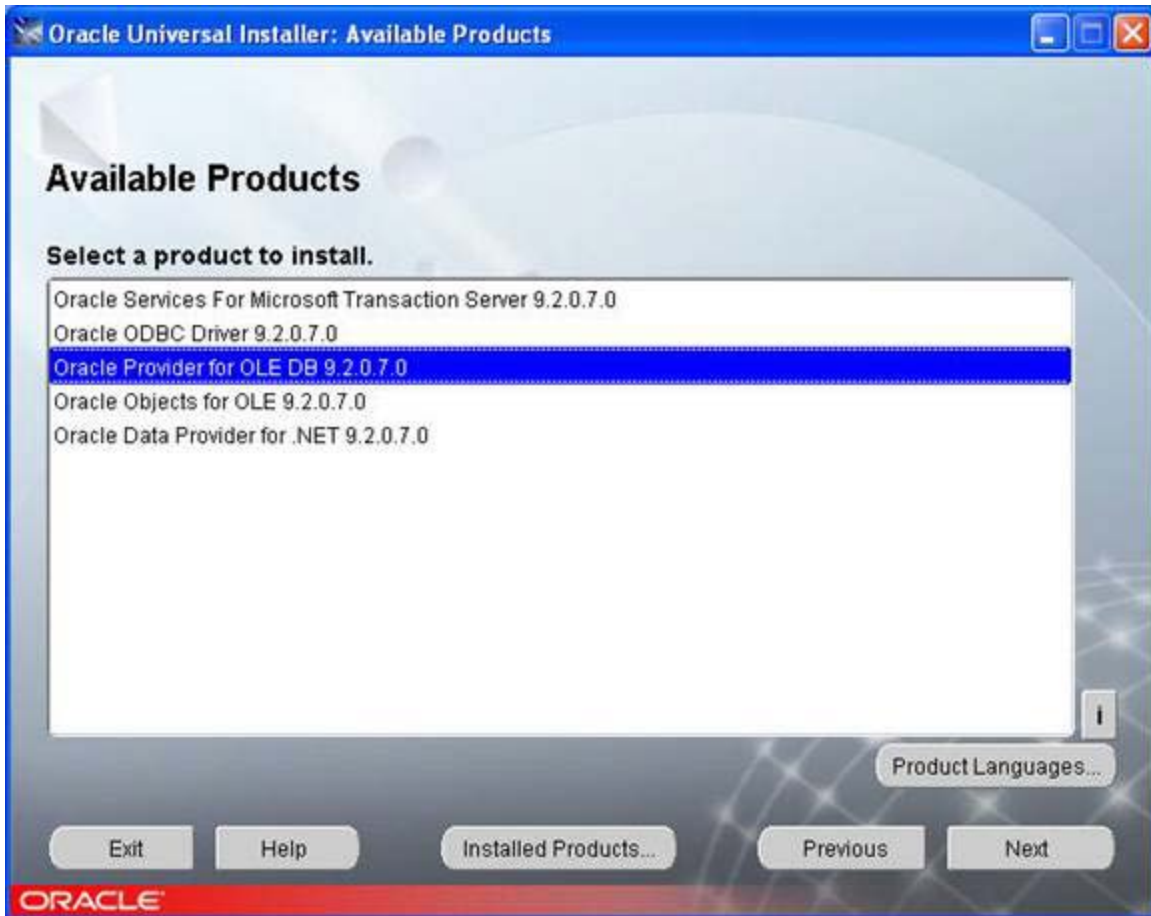
If you are on an XP machine, you will need to download the Oracle OLE DB which can be obtained from the following web address.

http://www.oracle.com/technology/software/tech/windows/ole_db/htdocs/utilsoft.htm

The following screens show the installation of the OLE DB.







5 Label Designer Setup

Installing the label software on a workstation only requires unzipping the label program in a directory. First create a directory on the workstation. Copy the label software to this directory and unzip the file. You will need to check that you have access to a printer. Printing color labels requires a color ink jet printer. Please consult with your Information Technology specialist on the setup procedures for connecting to a printer. You can test the label software in stand alone mode without a database.

6 Print Label OCX Setup

The purpose of the print label OCX control is to allow the record management system software to have the operator print directly from a web interface without having to start the label design program. To install the ocx start a command prompt and switch to the c:\Alabel\bin directory. Run the following command.

```
C:\Alabel\bin:>regsvr32 apocxformproj1.ocx
```

The system should display a message saying the registration succeeded. To uninstall the ocx you start a cmd prompt and switch to the c:\Alabel\bin directory and run the command.

```
C:\Alabel\bin:>regsvr3 /u apoxformproj1.ocx
```

The system should display a message indicating the ocx was unregistered.

7 RMS Label configuration

There are several things you have to do when you want to use the label software with the record management server. You only run the script once.

| Task | Description |
|---------------------------|---|
| SQL Script | Using SQL Plus connect to the record management server oracle instance and run the script file OcsdRmsSpecialFolderTypes.sql. |
| Folder Images | Copy the folder images to the rcoimages directory (maybe located on different drive) c:\Inetpub\wwwroot\web\Image2000\jakarta\webapps\Image2000\rcoimages |
| Server Configuration File | Modify the following server properties file (maybe located on different drive). c:\Inetpub\wwwroot\web\Image2000\Server\conf\ You want to add or change the following lines that specify where the data is stored when you run the Tool menu Label command. Note the directory path is located on the web server. This directory path must be shared so that the local workstation can open a file in this directory. #Label Directory Information Label.Directory = C:\\zz |
| Sharing | You have to share the Server Configuration File so that a workstation that has the label program installed can open a data file. When you run the RMS I find that is a good practice to name the file so it is easily recognizable. For example suppose you are printing labels for some records called Agreements then you would name the file Agreements.txt. |

Test that the system works by first checking you have the coding fields for each new folder record type. Create a folder for each new type (See Example data files in this document) and add coding fields. For each new type create a label data file. Run the label command. You can use a program like notepad to verify the data file. Run the label program and open the data file you created and verify the label has the right look as described in this document.

8 Summary

After testing you should be able to run the label program from a workstation connected to either a local or remote database.