

Lab Note #11: ODBC Setup

Many people are looking for industry standard tools that allow them to access their data more easily. ODBC is one such tool, and in order to use its capabilities, ODBC needs to be installed on both the server and the client. ODBC setup is a vendor specific topic; here I will reference the HP ODBCLink/SE product.

Host/Server setup

The files are found in the MPE group ODBCSE.SYS. New ODBC patches or OS upgrades are not automatically installed. You need to stream the file I00IODBC.ODBCSE.SYS job to complete the ODBC update. You can see the version by running ODBCUTSE with no parameters. After the I00IODBC job completes, start the ODBC stream job.

```
:ODBCUTSE.ODBCSE.SYS  
MB Foster ODBC Utility Version E.58.03  
Usage: odbcutil <DBEnvironmentName>  
:STREAM ODBCJOB.ODBCSE.SYS
```

PC/Client setup

The client software is in the files ODBCCL16 and ODBCCL32. The *16 file is for Windows 3.1; the *32 file is for Win95/98/NT/2000/etc. Using FTP from your PC, get the client installation file from your HP3000. Before version F.00.00, this file is a self-extracting executable. With F.00.00, it is a zip file that you will need to extract all files.

```
C:\>md ODBC  
C:\>cd ODBC  
C:\ODBC>ftp  
ftp>open {hp3000 IP address}  
user>MANAGER.SYS,ODBCSE  
password>  
ftp>binary  
ftp>get ODBCCL32 odbcccl32.exe  
ftp>quit  
C:\ODBC>odbcccl32
```

Running odbcccl32 extracts the client setup files. When you have them, run the SETUP.EXE program.

```
C:\ODBC>setup
```

On these screens, you should:

1. ODBCLink Driver Setup Program: click continue
2. Install Drivers: select ODBCLink/SE-32 Driver; click OK
3. Data Sources (Driver): click close
4. ODBCLink Driver Setup Program: click OK

Data Source Name setup

The DSN (Data Source Name) is simply a name on the PC for the ODBC connection to the DBE or database on the HP3000. In the Control-Panel, run ODBC Data Sources.

1. ODBC Data Source Administrator: Select the System DSN tab and click Add.
2. Create New Data Source: Select the ODBCLink/SE-32 Driver and click Finish.
3. ODBCLink/SE Setup: Enter a name for your data source, optional description, the DBE name as found on the HP3000, and your HP3000 IP address or hostname, server type is MPE/iX; click continue.
4. ODBCLink/SE Setup (MPE/iX): Enter logon information to access the database, example: MNTODBC,MGR.MNT,HPMM2SQL; click continue.
5. ODBCLink/SE Setup Options: click OK.
6. Select Translator: click OK (default to <No Translator>).
7. ODBC Data Source Administrator: Note your new DSN. Click OK.

You now have a DSN ready for use with ODBC enabled PC applications!

Lab Notes are hints and technical notes from the "Labyrinth" (the eXegeSys software lab); so named because of our complex mission to assimilate understanding the eRP product suite, it's source code, and our development procedures.

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