**Linux/UNIX ODBC 配置全过程总结**

#http://www.unixodbc.org/doc/  some materials about unixodbc  
#http://www.easysoft.com/developer/interfaces/odbc/linux.html#unixodbc most worthy to read

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# The unixODBC source distribution is a gzipped tar file on [http://www.unixodbc.org](http://www.unixodbc.org/)  
# Uncompress it in the dir /usr/local and then untar the resultant file.

gunzip unixODBC-2.2.12.tar.gz  
tar -xzvf unixODBC-2.2.12.tar  
./configure --prefix=/usr/local/unixODBC-2.2.12 --includedir=/usr/include --libdir=/usr/lib -bindir=/usr/bin --sysconfdir=/etc

# create an ODBC driver template file and run odbcinst. filename : template\_file

/\*  
In this case your template file must contain the Driver and Description attributes at a minimum and optionally the Setup attribute e.g.   
    
 [DRIVER\_NAME]  
 Description = description of the ODBC driver  
 Driver = path\_to\_odbc\_driver\_shared\_object  
 Setup = path\_to\_driver\_setup\_shared\_object

e.g:  
 SkyKonnect:/ # cat /usr/local/etc/odbcinst.ini  
 [MySQL]  
 Description     = ODBC for MySQL  
 Driver          = /usr/lib/libmyodbc3.so  
 Setup           = /usr/local/lib/libodbcmyS.so  
 FileUsage       = 2  
 UsageCount      = 2

\*/

odbcinst -f template\_file -d -i

# You can list all installed ODBC drivers with:  
odbcinst  -s -q  
/\*  
 SkyKonnect:/usr/local/unixODBC-2.2.11/ODBCConfig # odbcinst  -s -q  
 [myodbc3]  
\*/

# you can locate the odbcinst.ini file used to defined drivers as below If unixODBC is already installed :  
odbcinst -j  
/\*  
 SkyKonnect:/usr/local/unixODBC-2.2.11/ODBCConfig # odbcinst  -j  
 unixODBC 2.2.11  
 DRIVERS............: /usr/local/etc/odbcinst.ini  
 SYSTEM DATA SOURCES: /usr/local/etc/odbc.ini  
 USER DATA SOURCES..: /root/.odbc.ini  
\*/

/\*\* Edit the SYSTEM or USER DSN ini file ( odbc.ini or .odbc.ini) and add a data source using the syntax:   
      
    [ODBC\_datasource\_name}  
    Driver = driver\_name  
    Description = description\_of\_data\_source  
    attribute1 = value  
    .  
    .  
    attributen = value\*

\*/

/\*  
 SkyKonnect:/ # cat /root/.odbc.ini  
 [myodbc3]  
 Driver          = /usr/lib/libmyodbc3.so  
 Description     = MyODBC 3.51 Driver DSN  
 SERVER          = 192.168.1.9  
 PORT            = 3306  
 USER            = root  
 Password        = root  
 Database        = wapmax  
 OPTION          = 3  
 SOCKET          =   
\*/

# You can list user and system data sources with:  
odbcinst  -q -s  
/\*  
 SkyKonnect:/usr/local/unixODBC-2.2.11/ODBCConfig # odbcinst  -q -s  
 [myodbc3]  
\*/

# The format of isql's command line for testing connection is:  
isql -v DSN\_NAME db\_username db\_password  
/\*  
 SkyKonnect:/ # isql myodbc3 root root  
 +---------------------------------------+  
 | Connected!                            |  
 |                                       |  
 | sql-statement                         |  
 | help [tablename]                      |  
 | quit                                  |  
 |                                       |  
 +---------------------------------------+  
 SQL>   
\*/

#Tracing ODBC calls  
/\*  
The unixODBC driver manager can write a trace of call ODBC calls made to a file.   
This can be a very useful debugging aid but it should be remembered that tracing will slow your application down.

Locate your odbcinst.ini file  and add a section to this file like:

 [ODBC]  
 TraceFile = /tmp/sql.log  
 Trace = Yes

You can use any file for the TraceFile argument and it does not need to pre-exist.   
The permissions on the odbcinst.ini may be such that you need to be the root user.  
\*/