# How can I setup an ODBC data source for c-treeRTG on Linux?

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1. Define the c-tree driver: edit the file /etc/odbcinst.ini, e.g.
   ```
   [ctreeDriver]
   Driver=/path/to/libctodbc.so
   Description=ODBC for c-treeRTG
   FileUsage=1
   ```
   **Note** - The libctodbc.so library is installed along with c-tree in the "drivers/ctree.drivers/lib" subfolder.

2. Create a DSN bound to this driver: edit the file /etc/odbc.ini, e.g.
   ```
   Driver=ctreeDriver
   Host=localhost
   Database=ctreeSQL
   Service=6597
   Description=ctreeSQL data source
   ```

3. To allow the unixODBC library to install the odbcinst and odcini you must execute the following commands:
   ```
   odbcinst -i -d -f /etc/odbcinst.ini
   odbcinst -i -s -l -f /etc/odbc.ini
   ```
   You can test if your DSN is installed by executing:
   ```
   odbcinst -s -q
   ```
   Expected result: [ctreeDSN]

4. Set the ODBCINI environment variable, e.g.
   ```
   export ODBCINI=/etc/odbc.ini
   ```

4. Check that your unixODBC is configured for c-tree by running a tool connected to a unixODBC data source.
   For example, you can execute unixODBC';s Interactive SQL (isql) from /usr/bin as shown below:
   ```
   isql -v ctreeDSN admin ADMIN
   ```