# Instalação do OpenEdge SQL Client Access ODBC drivers

Após obter o arquivo **PROGRESS_OE_12.2_LNX_64_SQLCLIENTACCESS.tar.gz**

## Pre-requisitos

Antes de instalar o driver os pacotes abaixo:

- unixodbc
- unixodbc-dev
- xterm – para equalizar o caractere SET

# Instalando requisitos

```
# Instalar unix odbc
sudo apt-get -y install unixodbc unixodbc-dev

# Instalar xterm
sudo apt-get -y install xterm
```

# Inicio da Instalação dos drivers

```
# criar um diretório test
mkdir test

# Mover o arquivo de instalação
mv PROGRESS_OE_11.7_LNX_64_SQLCLIENTACCESS.tar.gz test/
cd test

# Extrair o conteúdo
tar xzf PROGRESS_OE_11.7_LNX_64_SQLCLIENTACCESS.tar.gz
cd ..

# Ativar xterm para caracteres
export TERM=xterm
```

## Chamar o instalador

```
# De dentro do diretório home
sudo ./test/proinst

# digite [Enter]
```

```
      +------------------------------------------------------------+
      |                          Welcome                           |
      +------------------------------------------------------------+
      |                                                            |
      |                                                            |
      |        WELCOME TO THE OPENEDGE INSTALLATION UTILITY         |
      |                                                            |
      |   Ensure that you have your completed "Preinstallation Checklist |
      |   for Unix" handy to consult. This information will facilitate your |
      |   installation and ensure your choices are accurately recorded. |
      |                                                            |
      |      Copyright (c) 1984-2017 Progress Software Corporation  |
      |            and/or one of its subsidiaries or affiliates.   |
      |                      All Rights Reserved.                  |
      |                                                            |
      |                                                            |
      |                        [Enter=OK]                          |
      +------------------------------------------------------------+
```

**Colocar o serial e número de controle fornecido.**

```
+-------------------------------------------------------------------+
|                    Product Configuration Data                     |
+-------------------------------------------------------------------+
|                                        [Enter=Additional]         |
| Company Name: _____   [Ctrl-E=Done]              |
| Serial Number: _____               [CTRL-T=Quit]              |
| Control Number: _____  _____  _____    [CTRL-N=Release Notes]|
|                                        [CTRL-V=View]              |
|                                        [TAB=Next Field]           |
|                                        [CTRL-P=Help]              |
|                                        [CTRL-A=Addendum File]|
|                                                                   |
+-------------------------------------------------------------------+


+-------------------------------------------------------------------+
|              Done Configuration Data Confirmation                 |
+-------------------------------------------------------------------+
|                                                                   |
|Are you sure that you are done entering all the control numbers for the|
|OpenEdge products that will be installed?                          |
|                                                                   |
|                    [Y=YES] [N=NO]                                 |
+-------------------------------------------------------------------+
```

Escolher a mensagem [Continue with Installation] para continuar a instalação.

```
                     +------------------------------+
                     | Install Type and Destination |
                     +------------------------------+
                     | Select Type of Installation   |
                     | Select Destination Pathname   |
                     | Select Management Pathname    |
                     | Continue with Installation*** |
                     | View Release Notes            |
                     | Cancel                        |
                     | Quit Installation             |
                     | Help                          |
                     +------------------------------+


+----------------------------------------------------------------------------+
|Type: Complete Install                                                      |
|Destination pathname: /usr/dlc                                             |
|Working Dir pathname: /usr/wrk                                             |
|Management pathname: /usr/oemgmt                                           |
|Management Working Dir pathname: /usr/wrk_oemgmt                           |
|                                                                            |
+----------------------------------------------------------------------------+
```

## Escolher o local e instalação

```
+---------------------------------------------------------------+
|                    Complete Installation                      |
+---------------------------------------------------------------+
|The following products will be installed:                      |
|'OE SQL Client Access (1 USERS)'                               |
|                                                               |
|Disk Space Required for Products: 357,720,064 bytes            |
|Disk Space Required for Installation: 358,969,344 bytes        |
|Disk Space Remaining After Installation: 988,233,728 bytes     |
|                                                               |
|Selected Destination Path: /usr/dlc                            |
|                                                               |
|Do you want to install the above listed product(s)?            |
|                                                               |
|                 [Y=YES] [N=NO] [H=Help]                       |
+---------------------------------------------------------------+
```

Definir o local padrão dos scripts execução

```
+------------------------------+
|         Copy Scripts?        |
+------------------------------+
|                              |
|Copy the scripts to /usr/bin? |
|                              |
|    [Y=YES] [N=NO] [H=Help]   |
+------------------------------+
```

Após a instalação finalizar no valor default.

```
+---------------------------------------------------------------+
|Installation of selected OpenEdge products is complete.  |
|Refer to the installation notes for more information.    |
 +--------------------------------------------------------------+
| End the OpenEdge Installation                               |
| View Release Notes                                         |
| Help                                                       |
 +--------------------------------------------------------------+
```

Instalado o DRIVER ODBC!

# Confirmando o local correto dos binários

## Para confirmar:

```
cd /usr/dlc/odbc/lib/

ldd pgoe27.so

    linux-vdso.so.1 =>  (0x00007ffc4eebf000)
    libpthread.so.0 => /lib/x86_64-linux-gnu/libpthread.so.0 (0x00007f20f1c55000)
    librt.so.1 => /lib/x86_64-linux-gnu/librt.so.1 (0x00007f20f1a4d000)
    libpgicu27.so => not found
    libdl.so.2 => /lib/x86_64-linux-gnu/libdl.so.2 (0x00007f20f1848000)
    libstdc++.so.6 => /usr/lib/x86_64-linux-gnu/libstdc++.so.6 (0x00007f20f14c6000)
    libm.so.6 => /lib/x86_64-linux-gnu/libm.so.6 (0x00007f20f11bc000)
    libc.so.6 => /lib/x86_64-linux-gnu/libc.so.6 (0x00007f20f0df2000)
    libgcc_s.so.1 => /lib/x86_64-linux-gnu/libgcc_s.so.1 (0x00007f20f0bdc000)
    /lib64/ld-linux-x86-64.so.2 (0x0000559df2bed000)
```

"**libpgicu27.so** => **not found**"

Isso indicar que o arquivo libpgicu27.so não foi encontrado.

É necessário copia-lo para o local correto, o comando abaixo encontra o arquivo.

```
cd /
sudo find . -name libpgicu27.so

sudo cp libpgicu27.so /usr/lib

ldd pgoe27.so

    linux-vdso.so.1 =>  (0x00007ffe951c7000)
    libpthread.so.0 => /lib/x86_64-linux-gnu/libpthread.so.0 (0x00007f132a8d0000)
    librt.so.1 => /lib/x86_64-linux-gnu/librt.so.1 (0x00007f132a6c8000)
    libpgicu27.so => /usr/lib/libpgicu27.so (0x00007f13297cc000)
    libdl.so.2 => /lib/x86_64-linux-gnu/libdl.so.2 (0x00007f13295c8000)
    libstdc++.so.6 => /usr/lib/x86_64-linux-gnu/libstdc++.so.6 (0x00007f1329246000)
    libm.so.6 => /lib/x86_64-linux-gnu/libm.so.6 (0x00007f1328f3c000)
    libc.so.6 => /lib/x86_64-linux-gnu/libc.so.6 (0x00007f1328b72000)
    libgcc_s.so.1 => /lib/x86_64-linux-gnu/libgcc_s.so.1 (0x00007f132895c000)
    /lib64/ld-linux-x86-64.so.2 (0x000055f3137c8000)
```

Agora sim o arquivo libpgicu27.so esta no local correto.

# Configurar o ODBCINST

Editar o arquivo /etc/odbcinst.ini e colocar os dados abaixo:

```
[Progress]
Description = Progress Driver
Driver      = /usr/dlc/odbc/lib/pgoe27.so
FileUsage   = 1
```

Após isso basta criar uma entrada no arquivo /etc/odbc.ini

```
[AGROSYS]
Driver = Progress
DatabaseName=dbeview
PortNumber=1513
HostName=18.222.152.36
LogonID=sysprogress
Password=sysprogress

isql -v AGROSYS


+---------------------------------------+
| Connected!                            |
| sql-statement                         |
| help [tablename]                      |
| quit                                  |
+---------------------------------------+
SQL>_
```