

Perl::ODBC

CentOS

```
sudo yum install freetds unixODBC unixODBC-devel

wget http://pkgs.repoforge.org/perl-DBD-ODBC/perl-DBD-ODBC-1.23-1.el6.rf.x86_64.rpm

sudo rpm -ivh perl-DBD-ODBC-1.23-1.el6.rf.x86_64.rpm
```

проверяем установлен ли модуль, если нет сообщения об ошибке - значит модуль установлен

```
perl -e 'use DBD::ODBC;'
```

проверяем версию модуля

```
perl -MDBD::ODBC -e 'print $DBD::ODBC::VERSION;'
```

драйвер к базе MSSQL FreeTDS

```
wget ftp://ftp.astron.com/pub/freetds/stable/freetds-0.91.103.tar.gz
tar zxvf freetds-0.91.103.tar.gz
cd freetds-0.91.103
./configure --prefix=/usr/local/freetds --enable-msdblib
make
make install
cp include/tds.h /usr/local/freetds/include
cp src/tds/.libs/libtds.a /usr/local/freetds/lib
echo "/usr/local/freetds/lib" >> /etc/ld.so.conf
echo "export FREETDSCONF=/usr/local/freetds/etc/freetds.conf" >> /etc/profile
ln -s /usr/local/freetds/lib /usr/local/freetds/lib64
```

поиск установленной библиотеки

```
sudo updatedb
locate libtdso
/usr/local/freetds/lib/libtdsodbc.so.0
/usr/local/freetds/lib/libtdsodbc.so.0.0.0
```

```
echo "[FreeTDS]
> Description      = FreeTDS
> Driver = /usr/local/freetds/lib/libtdsodbc.so.0" >> tds.driver.template
```

подключение ODBC

```
sudo odbcinst -i -d -f tds.driver.template
```

при успешном подключении

```
odbcinst: Driver installed. Usage count increased to 1.
Target directory is /etc
```

проверяем успешность подключения

```
odbcinst -q -d
```

ВЫВОД КОМАНДЫ

```
[PostgreSQL]
[MySQL]
[FreeTDS]
```

настройка ODBC MS SQL

```
sudo su -
echo "[MSSQL]
Driver = FreeTDS
Address = IPADDRESSOFMSSQL
Port = 1433
TDS_Version = 8.0
Database = MYDATABASENAME" >> /etc/odbc.ini
```

Тестируем ODBCconnect к MSSQL базе

```
isql -v -s MSSQL SQLUSERNAME SQLUSERPASSWORD
```

ВЫВОД

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

пример перл программы

```
#!/usr/bin/perl
use DBI;
use strict;
use DBI;
my @dsns = DBI->data_sources('ODBC');
foreach my $d (@dsns)
{
    print "$d\n";
}
my $dbh = DBI-> connect('dbi:ODBC:DSN=MSSQL;UID=SQLUSERNAME;PWD=SQLUSERPASSWORD') or die "CONNECT ERROR! ::
$DBI::err $DBI::errstr $DBI::state $!\n";
if ($dbh)
{
    print "There is a connection\n";
    my $sql = q/SELECT * FROM dbo.users/;
    my $sth = $dbh->prepare($sql);
    $sth->execute();
    my @row;
    while (@row = $sth->fetchrow_array) { # retrieve one row at a time
        print join(", ", @row), "\n";
    }
    $dbh->disconnect;
}
```