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#### Keyboard Shortcuts

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g g	Scroll to top
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## PDO\_ODBC DSN

(PECL PDO\_ODBC >= 0.1.0)

PDO\_ODBC DSN — Connecting to ODBC or DB2 databases

### Description ¶

The PDO\_ODBC Data Source Name (DSN) is composed of the following elements:

#### DSN prefix

The DSN prefix is **odbc:**. If you are connecting to a database cataloged in the ODBC driver manager or the DB2 catalog, you can append the cataloged name of the database to the DSN.

#### DSN

The name of the database as cataloged in the ODBC driver manager or the DB2 catalog. Alternately, you can provide a complete ODBC connection string to connect to a database as described at [» http://www.connectionstrings.com/](http://www.connectionstrings.com/).

#### UID

The name of the user for the connection. If you specify the user name in the DSN, PDO ignores the value of the user name argument in the PDO constructor.

#### PWD

The password of the user for the connection. If you specify the password in the DSN, PDO ignores the value of the password argument in the PDO constructor.

## Examples ¶

### Example #1 PDO\_ODBC DSN example (ODBC driver manager)

The following example shows a PDO\_ODBC DSN for connecting to an ODBC database cataloged as testdb in the ODBC driver manager:

```
odbc:testdb
```

### Example #2 PDO\_ODBC DSN example (IBM DB2 uncataloged connection)

The following example shows a PDO\_ODBC DSN for connecting to an IBM DB2 database named **SAMPLE** using the full ODBC DSN syntax:

```
odbc:DRIVER={IBM DB2 ODBC DRIVER};HOSTNAME=localhost;PORT=50000;DATABASE=SAMPLE;PROTOCOL=TCPIP;UID=db2inst1;PWD=ibmdb2;
```

### Example #3 PDO\_ODBC DSN example (Microsoft Access uncataloged connection)

The following example shows a PDO\_ODBC DSN for connecting to a Microsoft Access database stored at **C:\db.mdb** using the full ODBC DSN syntax:

```
odbc:Driver={Microsoft Access Driver (*.mdb)};Dbq=C:\db.mdb;Uid=Admin
```

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## User Contributed Notes 2 notes

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[Anonymous ¶](#)

**10 years ago**

On MS SQL Server there is a convenient way to help troubleshooting database server performance problems is to use the APP attribute, like this:

```
<?php
$dsn = 'DRIVER=FreeTDS;SERVERNAME=server1;DATABASE=testdb;APP=My PHP Application;UID=user;';
?>
```

This will show the "My PHP Application" text in ProgramName column of the sp\_who2 procedure in MS SQL Server.

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[nicolas dot baptiste at gmail dot com ¶](#)

**7 years ago**

Just an exemple of an odbc connection string to MSSQL 2005 :

```
<?php
$cnx = new PDO("odbc:Driver={SQL Native Client};Server=250.156.0.1;Database=myDataBase;
```

```
Uid=userName;Pwd=thePassword;");
```

```
?>
```

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