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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/.

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

up
down
-9
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.
```
up
down
-13
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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