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Subject: List DSN in ODBC

Posted by [luisrod0512](#) on Sun, 14 Oct 2012 02:38:58 GMT

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Congratulations to all of you for this great framework...

Here from Venezuela, I propose some lines of code to make it better...

In ODBC.h

```
-----  
class ODBCSession : public SqlSession {  
public:  
    struct ListDSN  
    {  
        String name;  
        String description;  
    };  
    static Array<ListDSN> EnumDSN();
```

In ODBC.cpp

```
-----  
Array<ODBCSession::ListDSN> ODBCSession::EnumDSN()  
{  
    Array<ODBCSession::ListDSN> out;  
    try {  
        SQLHENV Mlenv;  
        SQLAllocHandle(SQL_HANDLE_ENV, SQL_NULL_HANDLE, &Mlenv);  
        SQLSetEnvAttr(Mlenv, SQL_ATTR_ODBC_VERSION, (void *) SQL_OV_ODBC3, 0);  
  
        SQLRETURN ret;  
  
        char l_dsn[256];  
        char l_desc[256];  
  
        short int l_len1, l_len2, l_next;  
  
        l_next=SQL_FETCH_FIRST;  
        while(SQL_SUCCEEDED(ret = SQLDataSources(Mlenv, l_next, (SQLCHAR *)l_dsn,  
        sizeof(l_dsn),  
            &l_len1, (SQLCHAR *)l_desc, sizeof(l_desc), &l_len2))) {  
  
            ListDSN& listdsn = out.Add();  
            listdsn.name = l_dsn;  
            listdsn.description = l_desc;  
  
            l_next=SQL_FETCH_NEXT;  
        }  
    }
```

```
}  
catch(Exc e) {  
    LLOG("ODBC::GetDSN->" << e);  
}  
return out;  
}
```

Thanks you for creating one of the best tool to develop software in C++ I've ever known.

Luis Rodriguez  
Software Developer..

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Subject: Re: List DSN in ODBC  
Posted by [mirek](#) on Sun, 14 Oct 2012 07:50:40 GMT  
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Patch accepted (changed to Tuple2<String, String>).

BTW, why try-catch? Is there anything that can throw Exc?

Mirek

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Subject: Re: List DSN in ODBC  
Posted by [luisrod0512](#) on Mon, 15 Oct 2012 03:14:30 GMT  
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mirek wrote on Sun, 14 October 2012 09:50Patch accepted (changed to Tuple2<String, String>).

BTW, why try-catch? Is there anything that can throw Exc?

Mirek

In order not to change the standard existing in other Classes like <OleDB.cpp> which is used in SqlCommander application.

```
Array<OleDBSession::Provider> OleDBSession::EnumProviders()
```

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