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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

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```
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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