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odbc Sniffer for Windows

Version 1.1

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The most painful part of debugging client-server applications is not in the user interface code, but in the back-end code which deals with the database Server. The only known methods of debugging such code is through the use of a debugger, most of which are better suited to building Windows user interfaces. This tool is designed to help you find the ODBC queries in your application which are failing, help you locate the ODBC queries which are performance bottlenecks, and allow you to see what is going on under the hood of other ODBC front-end applications.

odbc Sniffer for Windows will allow you to view a *trace* of all ODBC calls made by any ODBC front-end application with just a click of the mouse.   This *trac*e will allow you to see the amount of time in *seconds:milliseconds* spent in the call, which application made the call, the parameters passed to the call, and even the return value from the call. It is so easy to use and so powerful that we believe no ODBC programmer under Windows should be without it!

Writing client-server applications is a large part of our business, so we understand the hardships that you go through to get your applications to work seamlessly. We also know how much time you spend locating and fixing those hard-to-find bugs. This tool will be a great asset to your productivity.

For example, when your application brings up a dialog box that has controls which are data-aware, what happens when one of those controls doesn't show any data? Rather than wrestling with your debugger, use the **odbc Sniffer** for Windows. As your dialog box is brought up and the controls make their requests to the database Server, **odbc Sniffer** will *trace* these requests on your behalf. Now, you have a *trace* of the ODBC APIs executed, the parameters passed to these APIs, and the return values. You are now seconds away from looking at the *trace* and identifying where your request went wrong and fixing it!

Other features:

¨ Ability to choose which application to *trace.*

¨ Ability to choose which ODBC APIs to *trace.*

¨ Ability to log trace into **odbc Sniffer's** application window and/or an ASCII text file.

ODBC APIs which can be *traced*:

SQLEXTENDEDFETCH	SQLSPECIALCOLUMNS	SQLSTATISTICS	SQLALLOCENV
SQLPROCEDURECOLUMNS	SQLSETSCROLLOPTIONS	SQLDESCRIBEPARAM	SQLERROR
SQLOPENTABLE	SQLNUMPARAMS	SQLDATASOURCES	SQLFREESTMT
SQLGETTYPEINFO	SQLPARAMOPTIONS	SQLTABLEPRIVILEGES	SQLPROCEDURES
SQLGETSTMTOPTION	SQLNATIVESQL	SQLFREECONNECT	SQLFREEENV
SQLSETSTMTOPTION	SQLGETCURSORNAME	SQLTRANSACT	SQLSETCURSORNAME
SQLFETCH	SQLPUTDATA	SQLCOLUMNPRIVILEGES	SQLGETFUNCTIONS
SQLSETPARAM	SQLDISCONNECT	SQLMORERESULTS	SQLEXECUTE
SQLCOLUMNS	SQLPARAMDATA	SQLALLOCSTMT	SQLPRIMARYKEYS
SQLROWCOUNT	SQLDRIVERS	SQLALLOCCONNECT	SQLPREPARE
SQLBROWSECONNECT	SQLDRIVERCONNECT	SQLCONNECT	SQLGETDATA
SQLCOLATTRIBUTES	SQLBINDKEY	SQLBINDCOL	SQLEXECDIRECT
SQLNUMRESULTCOLS	SQLGETINFO	SQLSETCONNECTOPTION	SQLGETCONNECTOPTION
SQLFOREIGNKEYS	SQLSETPOS	SQLCANCEL	SQLDESCRIBECOL
SQLTABLES			

Compatibility
odbc Sniffer for Windows is compatible with the following programming libraries and products:
- ¨ Microsoft Access
- ¨ Microsoft Visual Basic
- ¨ Microsoft Excel
- ¨ Microsoft Word 6.0
- ¨ Pioneer Software ODBC drivers

odbc Sniffer for Windows is compatible with the following programming tools and environments:
- ¨ PowerSoft's Power Builder
- ¨ Microsoft Excel
- ¨ Microsoft Word 6.0
- ¨ Microsoft Access
- ¨ Visual Basic

NOW AVAILABLE, SQL SNIFFER FOR WINDOWS (dbLib Sniffer)!

Pricing Information
Single user license $ 295.00

Demo copies of the **odbc Sniffer for Windows** are available upon request.