

SimbaProvider SDK



Standards-based Multi-dimensional Data Connectivity

Build an ODBO Provider or a XMLA Provider to Increase Your Competitive Advantage in Today's Marketplace

SimbaProvider SDK contains our MDX 2005 engine and is the leading solution for OLE DB for OLAP (ODBO) and XML for Analysis (XMLA) connectivity to multi-dimensional OLAP and star-schema relational data sources. SimbaProvider SDK enables the development of robust 32-bit and 64-bit ODBO and XMLA (.NET and Java) Providers, ensuring the utmost in interoperability and cross-platform enabled solutions.

With SimbaProvider SDK, you can integrate your multi-dimensional server with the newest generation of analytic applications and development environments, such as Microsoft Excel, Microsoft Business Scorecard Manager, Microsoft Reporting Services, SAP Business Objects, IBM Cognos, ArcPlan, ADOMD, ADOMD.NET and many others. SimbaProvider SDK incorporates the latest MDX 2005 query language used by Microsoft for Microsoft Excel 2007 BI / PivotTables connectivity. More than half of the companies that have a MDX Provider built it using SimbaProvider SDK.

Simba has been helping companies develop ODBO and MDX solutions since the standards were defined in 1997. In 2001, Simba was involved in the initial release of XML for Analysis, and we sit on the XMLA Council and chair the InterOperability SIG. With SimbaProvider SDK, our customers are able to move from ODBO to the XMLA standard with a simple re-compile.

Highlights

Flexibility	For the same cost and development time you get both the ODBO (32-bit and 64-bit) and XMLA (.NET and Java) interfaces for the utmost interoperability on multiple platform environments. You build one Provider and have the choice of two interfaces – ODBO and XMLA.
Functionality	Start with a simple ODBO Provider or XMLA Provider and then add advanced functionality.
MDX Engine	Simba's 32-bit and 64-bit MDX 2005 Engines can parse, resolve and evaluate multi-dimensional expression (MDX) queries providing optimal performance.
Conformance	Simba takes care of your data provider's compatibility with the latest platforms, data access standards, and reporting and analysis tools.
Dataset (Rowset) Flattening	The flattened dataset provides a quick and easy method for rowset-based consumer applications, such as Microsoft Excel to display multi-dimensional data.
Asynchronous Execution and Rowset Population Support	Without proper asynchronous execution support, applications reading the data might otherwise appear slow and ill-behaved to your end-users.
Caching	Many applications access datasets one cell at a time. This is extremely inefficient and caching is highly desirable.

SimbaProvider SDK

Highlights (cont'd)

Step-by-Step Development Approach

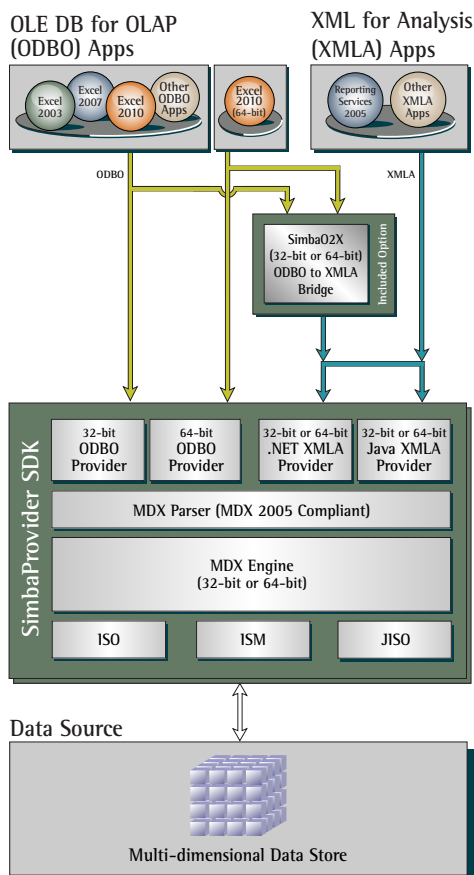
SimbaProvider SDK includes sample data providers that aid you in getting a prototype ODBO Provider or XMLA Provider up and running quickly with our step-by-step development process. With SimbaProvider SDK, you can build a functional ODBO or XMLA Provider in about a month, and have a production quality Provider ready to ship within six to 12 person months, depending on the complexity of your data source.

Comprehensive Documentation

Receive a full suite of documents, including a developer's guide and technical reference materials.

Ease of Installation

Installing SimbaProvider SDK is a simple process. Windows users will be led through an InstallShield installer. Linux users will be provided with a tar file. In minutes, the installation of the SimbaProvider SDK package is complete.



Requirements

If you plan to develop in C++, you will need:

- Microsoft Visual Studio .NET 2010 or 2008, or Linux GCC Compiler
- Microsoft Analysis Services 2008 (for testing purposes)
- Microsoft Excel 2010, 2007 and/or 2003 (for testing purposes)

If you plan to develop in Java, you will also need:

- JDK 1.6 SDK
- Eclipse IDE 3.3 or higher
- JBoss 4.0 or higher

About Simba Technologies Inc.

Simba Technologies Inc. is the recognized world leader in standards-based multi-dimensional and relational data access products and solutions. We work with the world's leading software companies to deliver first class data connectivity solutions.

Simba is a pioneer in ODBC, MDX, OLE DB for OLAP (ODBO) and XML for Analysis (XMLA). Since 1991, we've developed advanced data access solutions for thousands of end users. Today, more than half of all MDX providers have been built with Simba technology.

Our firm commitment to delivering the highest customer value through innovative solutions and expert support has gained us a reputation as the industry leader for data connectivity solutions.