

Apache HBase ODBC Driver



Access, analyze, and report on Hadoop data with your SQL-based tool of choice.

Overview

The Simba HBase ODBC Driver with SQL Connector is the most advanced ODBC driver available for direct SQL access to Apache Hadoop / HBase. The driver enables Business Intelligence (BI), analytics and reporting applications on Hadoop / HBase-based data.

The Simba HBase ODBC Driver with SQL Connector leverages Simba's deep ODBC and SQL expertise to provide SQL capabilities using HBase's rich API, enabling standard SQL-92 access directly to Apache Hadoop distributions. It delivers full SQL-92 application functionality and real-time analytic and reporting capabilities to users.

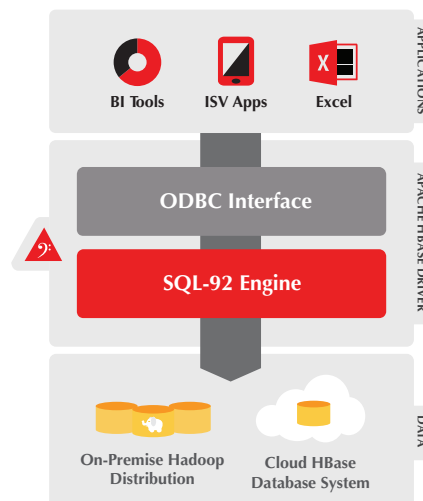
Built upon the SimbaEngine SDK driver development framework, the Simba HBase ODBC Driver with SQL Connector complies with the latest ODBC data standard and adds important functionality such as Unicode and 32- and 64-bit support for high-performance computing environments on all platforms.

How It Works

The Simba HBase ODBC Driver with SQL Connector provides a standard SQL-92 interface to HBase to enable your BI or analytics tool to connect without any extra development effort.

The Simba HBase ODBC Driver with SQL Connector accepts an application's SQL queries and generates execution plans for them. Execution plans are in turn transformed into calls to HBase's REST API.

The Simba HBase ODBC Driver with SQL Connector is the market's premier solution for direct, SQL BI connectivity to HBase. It delivers extreme performance, provides broad compatibility and ensures full functionality for users analyzing and reporting on Big Data.



Key Features

- Direct BI connectivity to data without extraction
- Complies with ODBC 3.52
- Full compatibility with leading analytic/reporting apps, including Tableau, Alteryx, Microsoft Excel & Access, SAP Crystal Reports, and more
- Maps ANSI SQL-92 to HBase REST API calls
- Provides full driver and query metadata
- Supports dynamic schema generation via intelligent data sampling

About Simba

Simba is the recognized world leader in standards-based data access and analytics products and solutions for both relational and multi-dimensional data sources. Simba provides data connectivity solutions to many of the world's leading companies on various platforms, including Windows, Mac, UNIX, Linux and many mobile device platforms. Simba's data connectivity products support multiple interfaces, including ODBC, JDBC, OLE DB, OLE DB for OLAP (ODBO), XML for Analysis (XMLA), ADO, ADO.NET, ADOMD and ADOMD.NET.