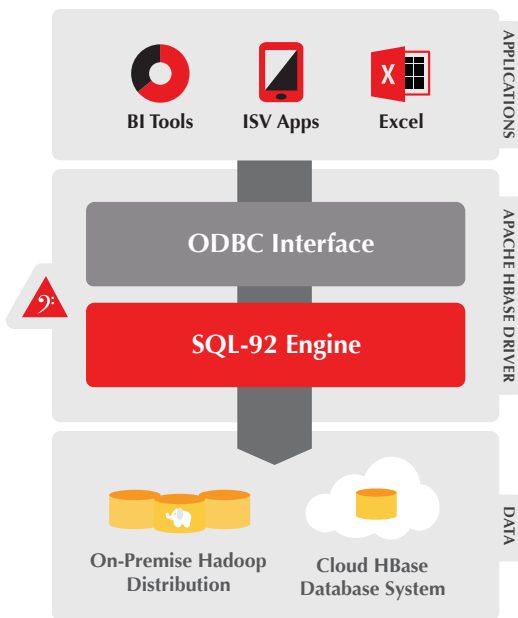


Standard SQL-92 interface to enable BI tools using HBase

HBase ODBC Driver with SQL Connector

Enable your users to access, analyze, and report on Hadoop data with your SQL-based tool of choice.



Magnitude's Simba HBase ODBC Driver with SQL Connector.

The Magnitude's 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 Magnitude's 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 Magnitude's 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 Magnitude's 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.

Our driver 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 Magnitude's 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.

Product Highlights

- Only direct, universal ODBC 3.8 data access solution for Apache HBase.
- Direct BI connectivity to data without extraction.
- Accepts application SQL queries and generates execution plans.
- Supports dynamic schema generation via intelligent data sampling.

Product Features

- Full compatibility with leading analytic/reporting apps, including Alteryx, Microsoft Excel & Access, SAP Crystal Reports, Power BI, Tableau and more.
- Provides full driver and query metadata.
- Maps ANSI SQL-92 to HBase REST API calls.
- Supports dynamic schema generation via intelligent data sampling.
- Adds aggregation and join capabilities for queries.

Product Specifications

- Supports 32- and 64-bit applications.
- ODBC Driver compliant with the latest ODBC 3.8 specification.
- Supports Unicode.
- Supports Windows, Redhat, and SUSE.
- Supports ANSI SQL-92: SELECT, JOIN, WHERE, HAVING, GROUP BY, ORDER BY, TOP, UNION [ALL] and most SQL-92 scalar and aggregate functions.
- Supported data types: SQL_VARCHAR, SQL_WVARCHAR, SQL_DECIMAL, SQL_SMALLINT, SQL_INTEGER, SQL_REAL, SQL_FLOAT, SQL_DOUBLE, SQL_BIT, SQL_TINYINT, SQL_BIGINT, SQL_VARBINARY, SQL_TYPE_DATE, SQL_TYPE_TIME, SQL_TYPE_TIMESTAMP.



To connect data sources and applications for anytime, anywhere access, turn to Magnitude's Simba connectivity solutions.

Dive deeper into this topic or contact us today at connectivity@magnitude.com or 1.604.633.0008. Visit our websites:

www.magnitude.com
www.simba.com

About Magnitude

Magnitude Software leads the way in delivering corporate performance insights with solutions for corporate performance management (CPM), master data management (MDM) and data connectivity in heterogeneous environments. The Company's software and solutions drive real business results for hundreds of thousands of users around the globe. Magnitude's family of award-winning applications includes business intelligence, data warehousing, master data management, analytics and reporting, plus our Simba connectivity solutions.