

Simba Apache Spark JDBC Driver with SQL Connector 1.0.1

Released 2015-10-29

These release notes provide details of enhancements, features, and known issues in Simba Apache Spark JDBC Driver with SQL Connector 1.0.1, as well as the version history.

Enhancements & New Features

Spark 1.5.0 now supported

The driver now supports Spark 1.5.0.

Resolved Issues

The following issues have been resolved in Simba Apache Spark JDBC Driver with SQL Connector 1.0.1.

- Not able to retrieve Decimal data when connecting to Spark 1.4.
- Scalar function alias syntax generated by query translator is not compatible with Spark 1.2.

Known Issues

The following are known issues that you may encounter due to limitations in the data source, the driver, or an application.

- Backquotes in aliases are not handled correctly.

In Spark 1.0.x and 1.1.x, the backquotes (`) surrounding identifiers are returned as part of the column names in the result set metadata. Backquotes are used to quote identifiers in HiveQL, and should not be considered as part of the identifier. As a workaround, the driver now removes the backquotes (`) when it translates queries.

This issue is fixed as of Spark 1.2.x.

For more information, see the JIRA issue posted by Apache named Backticks Aren't Handled Correctly in Aliases at <https://issues.apache.org/jira/browse/SPARK-3708>.

- Filtering on TIMESTAMP columns does not return any rows.

In Spark 0.9.x, 1.0.x, and 1.1.0, using the WHERE statement to filter TIMESTAMP columns does not return any rows.

This issue is fixed as of Spark 1.1.1.

For more information, see the JIRA issue posted by Apache named Timestamp Support in the Parser at <https://issues.apache.org/jira/browse/SPARK-3173>.

- Cannot use AND to combine a TIMESTAMP column filter with another filter.
- In Spark 1.1.x, when you execute a query that uses the AND operator to combine a TIMESTAMP column filter with another filter, an error occurs.

This issue is fixed as of Spark 1.2.x.

As a workaround, use a subquery, as shown in the following example:

```
SELECT * FROM (SELECT * FROM timestamp_table WHERE  
(keycolumn='TimestampMicroSeconds')) s1 WHERE (column1 =  
'1955-10-11 11:10:33.123456');
```

Version History

Version 1.0.0

Released 2015-04-15

Version 1.0.0 was the initial release of Simba Apache Spark JDBC Driver with SQL Connector.

Contact Us

If you have difficulty using the driver, please contact our Technical Support staff. We welcome your questions, comments and feature requests.

Technical Support is available Monday to Friday from 8 a.m. to 6 p.m. Pacific Time.

Important: To help us assist you, prior to contacting Technical Support please prepare a detailed summary of the client and server environment including operating system, product version, patch level and configuration.

You can contact Technical Support via:

- **E-mail:** support@simba.com
- **Web site:** www.simba.com
- **Telephone:** (604) 633-0008 Extension 3
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You can also follow us on Twitter @SimbaTech