

Release Notes

Cloudera JDBC Driver for Impala 2.5.5

The release notes provide details of enhancements and features in Cloudera JDBC Driver for Impala 2.5.5, as well as the version history.

Resolved Issues

The following issues have been resolved in Cloudera JDBC Driver for Impala 2.5.5.

Queries That Fail to Parse Are Not Being Attempted in Native Query Mode

When a query fails to translate, the expected behavior is that the driver will attempt to execute it in Native Query Mode. Doing so allows Impala itself to attempt to handle the query. Previously, an error handling block prevented this step from happening. This issue has been resolved, so now when a query fails to translate, the driver will attempt to execute it in Native Query Mode.

Version History

Version 2.5.4

Resolved Issues

The following issues were resolved in Cloudera JDBC Driver for Impala 2.5.4.

Automatic Execution of "SET" Commands

In order to support server property configuration in Hive at startup, any unrecognized properties specified in the connection string would cause a "SET" command to be executed automatically on the server side. The "SET" command is not supported in Impala, so this feature has been removed.

Version 2.5.3

Enhancements & New Features

The following are highlights of the new features and functionalities that were added to Cloudera JDBC Driver for Impala 2.5.3.

DatabaseMetadata Added

DatabaseMetadata information has been added for DBMS name and DBMS version.

UNION Clause Supported in Query Translations

The driver now supports the use of the UNION clause in query translations.

Resolved Issues

The following issues were resolved in Cloudera JDBC Driver for Impala 2.5.3.

SET Statement Causing Errors

Fixed an issue where using the SET statement caused errors to occur.

statement.setMaxRows Function Not Implemented

Fixed an issue where the statement.setMaxRows function was not implemented. This function is now available for the Cloudera JDBC Driver for Impala.

Wrong Class Path in MANIFEST File

Fixed an issue where the MANIFEST file contained an incorrect class path caused by branding.

Multiple TCP Connections Created by ZooKeeper from the Server Side

Fixed an issue where generating ROWCOUNT set results caused ZooKeeper to open new TCP connections until ZooKeeper reached the maximum number of connections that it can handle.

This issue was fixed by properly closing the operation that gets opened on the client when a ROWCOUNT set is generated.

Version 2.5.2

Resolved Issues

The following issues were resolved in Cloudera JDBC Driver for Impala 2.5.2.

USE Statement Causing Memory Leaks

Fixed an issue where using the USE statement caused server-side memory leaks to occur.

Version 2.5.1

Enhancements & New Features

The following are highlights of the new features and functionalities that were added to Cloudera JDBC Driver for Impala 2.5.1.

LIMIT ZERO Query Feature Added for prepareStatement

This feature supports queries with LIMIT 0 attached during the query prepare stage, improving the performance of the prepareStatement process.

Version 2.5.0

Version 2.5.0 was the initial release of Cloudera JDBC Driver for Impala.