
MySQL Connector/J 8.1 Release Notes

Abstract

This document contains release notes for the changes in each release of MySQL Connector/J.

For additional Connector/J documentation, see [MySQL Connector/J 8.1 Developer Guide](#).

For legal information, see the [Legal Notices](#).

For help with using MySQL, please visit the [MySQL Forums](#), where you can discuss your issues with other MySQL users.

Document generated on: 2023-09-14 (revision: 27246)

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This document contains release notes for the changes in each release of MySQL Connector/J.

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Changes in MySQL Connector/J 8.1.0 (2023-07-18, General Availability)

Version 8.1.0 is a new GA release version of the MySQL Connector/J. MySQL Connector/J 8.1.0 supersedes the 8.0 series and is recommended for use on production systems. This release can be used against MySQL Server version 5.7 and beyond. It supports the Java Database Connectivity (JDBC) 4.2 API, and implements the X DevAPI.

- [Functionality Added or Changed](#)
- [Bugs Fixed](#)

Functionality Added or Changed

- **Important Change:** To comply with proper naming guidelines, the Maven groupId and artifactId for Connector/J have been changed to the following since release 8.0.31:

- groupId: `com.mysql`
- artifactId: `mysql-connector-j`

The old groupId and artifactId can no longer be used for linking the Connector/J library starting with this release. Please make sure you switch to the new coordinates. See [Installing Connector/J Using Maven](#). (WL #15259)

- **Packaging:** You can no longer install Connector/J on Windows platforms using the MySQL Installer. Notice that there are also no stand-alone Windows installer files (`.msi`) for installing Connector/J. Use the platform-independent archives instead for installations on Windows platforms. See [Installing Connector/J from a Binary Distribution](#) for details. (WL #15794)
- When using a Java 8 to 12 JRE, if JSSE was configured to use a FIPS provider, attempts to establish secure connections to a MySQL Server failed with a `KeyManagementException`, complaining that "FIPS mode: only SunJSSE `TrustManagers` may be used." It was because in that case, a custom `TrustManager` implemented by Connector/J was invoked but then rejected by the default implementation of SunJSSE. With this patch, a new connection property, `fipsCompliantJsse`, is created for users to instruct Connector/J not to use its custom `TrustManager` implementation. Additionally new connection properties are created for users to specify the security providers from which Connector/J will request the corresponding security materials such as key and trust manager factories or SSL context provider. See [JSSE in FIPS Mode](#) for details. (Bug #95039, Bug #35534640)
- The auto-deserialization function for BLOB objects is now deprecated. A deprecation warning will be issued if the connection property `autoDeserialize` is set to `true`. The feature may be discontinued anytime without notice. (WL #15826)

Bugs Fixed

- Executing client-side prepared statements resulted in a `SQLException` when the `NO_BACKSLASH_ESCAPES SQL mode` was enabled. (Bug #35167701)

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