

## Configuring Sun JDBC-ODBC Bridge in CFMX

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I've seen some rare cases where **ColdFusion MX's JDBC** Type III driver is not able to connect to ODBC datasources under certain conditions.

The JDBC Type III drivers in CFMX are the drivers that use the ODBC Server and ODBC Agent Services as the middleware component in the translation, such as the driver marked as "ODBC Socket" and the one marked as "Microsoft Access". The latter happens to be the same as the former but given an obvious name just to be clear about which to chose if you are using MS Access.

The workaround in those cases was given by using the Sun JDBC:ODBC Bridge which is already built into the JVM ColdFusion is running on. The disadvantage of this driver is that it is single threaded, and thus very slow. Here's how you can configure your ColdFusion MX server to use the Sun JDBC:ODBC Bridge.

1. CFAdmin > Datasources > Create new datasource with driver labeled "Other"
2. Driver Class: sun.jdbc.odbc.JdbcOdbcDriver
3. JDBC URL: jdbc:odbc:[datasource];
4. Replace "[datasource]" with the ODBC datasource name from the Control Panel ODBC Administrator
5. Driver Name is an optional field where you can type a label for how you like to call the driver, can leave empty
6. Complete the username and password
7. Submit