

# JDBC DRIVER PACK FOR DYNAMICS 365

KingswaySoft **JDBC Driver Pack for Dynamics 365** is a cost-effective, easy-to-use and high-performance connectivity solution for accessing Dynamics 365 application data (CE, F&O, BC) in Java applications with the simplicity of a database.

## DATA INTEGRATION MADE EASY

Access your API data just like any other database. Retrieve and write data via simple SQL queries. We do the heavy lifting by converting your query into actionable API calls. Additionally, you can use our drivers to build your own BI, reporting, and ETL solutions.

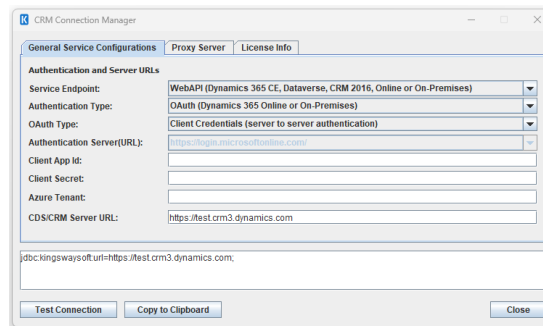
## ROBUST FEATURES

- Interact with **Dynamics 365 CE/CRM/Dataverse, F&O (AX), and NAV/BC** application data through supported JDBC classes, including **DataSource, Connection, Statement, ResultSet**, and **more**.
- Leverage various options to achieve optimal performance and ensure secure data connections.
- Use sophisticated error handling and logging to facilitate advanced troubleshooting.
- Perform 5 different actions for writing to Dynamics: **Select, Insert, Update, Delete, or Upsert**.
- Execute a **PreparedStatement** object for sending SQL statements to Dynamics 365.
- Use the DBeaver or Squirrel SQL to connect to, edit and save data, as well as executing SQL commands.
- Verify server certificates against the trusted certificate store or skip SSL verification by setting the **IgnoreCertificateErrors** property to true.
- Easily configure timeouts, security, and batch sizes to optimize performance and ensure secure data integration, with settings like **ConnectionTimeout, ServiceTimeout, TotalThreads** for tailored integration experiences.
- Establish connections and to data and execute SQL commands with the DbVisualizer tool.

## JDBC CONNECTION MANAGER

### JAVA CONNECTIVITY

Utilize the Connection Manager to streamline your connection to Microsoft Dynamics 365. Easily generate a connection URL, select an OAuth type, specify the authorization URL, set data scope, service timeout, and more.



## ADVANCED FEATURES

- View execution results through code and save them to the file system for user analysis by setting the saveResult property.
- Leverage multithreading processing capabilities to improve efficiency during large-volume write operations by configuring the totalThreads parameter.
- Configure proxy settings using proxyHost, proxyPort, proxyUserName, and proxyPassword.
- Enable advanced logging to diagnose errors and unexpected behavior. Customize logging with properties for log level, path, and file size.

## BENEFITS

- Dynamics 365 JDBC Driver Pack helps you seamlessly integrate Java-based applications with Dynamics data, treating Java applications as a conventional database.
- Simplified and streamlined connection to API platforms via db-style queries.
- Use **SELECT** to retrieve data from the application with ease.
- Leverage **INSERT, UPDATE, DELETE, and UPSERT**, to facilitate data writing.
- Leverage multithreading processing capabilities to improve efficiency during large-volume write operations.

## Key Features

- Execute SQL queries to retrieve and update Dynamics data.
- Adheres to JDBC 3.0 and JDBC 4.0 standards.
- Use our drivers to build your own BI, reporting, and ETL solutions.

## INSTALLED FILES FOR USE

**dynamicsjdbc.jar:** A pure Java Type 4/5 JDBC Driver, compiled with JDK 1.8. This file facilitates JDBC connectivity.

**kingswaysoft.lic:** This file serves as the license and should be located in the same directory as the JAR file.

## ABOUT KINGSWAYSOFT

KingswaySoft is a leading integration solution provider offering software solutions that make data integration affordable and painlessly easy. Thousands of enterprise clients from over 100 countries and regions rely on our solutions to integrate data with various application systems to drive their business efficiency and fully leverage their information assets.