Solace PubSub+ Connector for TIBCO EMS: Java dependencies in the `/libs` folder

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Preface

This `/libs` directory is provided as a default location for the Java library dependencies (external `jar` files) that are either required or required only when using certain features of the connector (such as Prometheus libraries when using the metrics export to Prometheus feature in your connector configuration).

Solace does not provide the required JAR files due to licensing considerations. These JAR files are required as part of the deployment of the connector for it to operate correctly.

TIBCO EMS Jakarta Messaging Library

The Connector uses the TIBCO EMS Jakarta Messaging library to provide connection and message processing to TIBCO EMS servers.

The TIBCO EMS Jakarta Messaging library can be downloaded from the official TIBCO website or from a TIBCO EMS server install provided by TIBCO. Once obtained, the library needs to be placed in the `libs` folder for the connector to operate correctly.

Version 2.0.0 of the Connector has been mostly developed and tested using version `10.2.1` of the `jakarta.jms-tibjms.jar` library.

Micrometer Metrics exporter dependencies

The connector makes use of [Micrometer.io](#) to provide easy, configuration-driven exporting of connector metrics to many 3rd-party metrics monitoring solutions (see the full list on the Micrometer site).

These services can be configured in the connector configuration (there are commented in the sample configuration provided to guide you), but must have the necessary Java dependencies in the `/libs` directory to operate.

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The JAR files that are necessary depend on which metrics service you are configuring. The details for each provider can be found in the Micrometer documentation. For example, for Prometheus, the Micrometer instructions list `io.micrometer.micrometer-registry-prometheus` as the main client library required and the Maven Central page for this library provides the download links for the main `jar` and its compile dependencies. These JAR files are placed in the connector's `/libs` directory.

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