

# Solace PubSub+ Connector for JMS: Java dependencies in the `/libs` folder

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## Preface

This `/libs` folder 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).

These `jar`'s are not provided by Solace due to licensing and/or size considerations and need to be provided as part of the deployment of a Connector in order for the Connector to operate correctly.

## Jakarta Messaging Library

This connector relies on a Jakarta Messaging library for establishing connections and managing message processing with the JMS broker. To ensure proper operation of the connector, place the Jakarta Messaging library and its dependencies in the `libs` folder.



To use the connector with ActiveMQ, download the `activemq-client` version `>= 6.0.0` and its required dependencies from [Maven Central](#) and place them in the `libs` folder.

## 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 hints in the sample configuration provided) but must have the necessary Java dependencies in the `/libs` folder to operate.

Which jars are necessary will depend on which metrics service you are configuring. The details for

each provider can be found in the [Micrometer documentation](#). For example, for [Datadog](#), the Micrometer instructions list `io.micrometer.micrometer-registry-datadog` as the main client library needed and the Maven Central page for this library provides download links for the main `jar` and its compile dependencies. These `jar`'s would be placed in the Connector `/libs` folder.