Publisher Subscriber Commands

1. Create project in eclipse with package named pubsub.

2. Create class Publisher and Subscriber.

3. Add th jar files activemq-all-5.15.8.jar

Download javax.jms.jar and activemq-all-5.15.8.jar and apache-activemq-5.15.8-bin.zip

how to add jar files in intellij project

ChatGPT said:

ChatGPT

Adding JAR files to an IntelliJ project is straightforward. Here's how you can do it:

Method 1: Add JAR as a Library

1. **Open Your Project in IntelliJ**.

2. **Navigate to Project Structure**:

   o Go to File > Project Structure or press Ctrl + Alt + Shift + S (Windows/Linux) or Cmd + ; (Mac).

3. **Select Libraries**:

   o In the Project Structure window, go to Libraries under Project Settings.

4. **Add JAR Files**:

   o Click the + button (or Add button).

   o Choose Java and navigate to the location of your JAR file(s).

   o Select the JAR files and click OK.

5. **Associate with Module**:

   o After adding the JARs, ensure they are associated with the module(s) you need them for. You can do this by selecting the module in the Modules section of the Project Structure window and clicking on the Dependencies tab. Make sure the JARs are checked or linked to your module.

6. **Apply Changes**:

   o Click Apply and OK to save the changes.

4. Run activemq with the following command:

C:\Users \Desktop\DS\PublisherSubscriber >dir

 Volume in drive C is Windows-SSD

 Volume Serial Number is 40B0-C448

Directory of C:\Users \Desktop\DS\PublisherSubscriber

03-12-2024 21:08   <DIR>   .
03-12-2024 21:04   <DIR>   ..
03-12-2024 20:51   18,156,641 activemq-all-5.15.8.jar
03-12-2024 21:06   <DIR>   apache-activemq-5.15.8
03-12-2024 21:05   65,795,328 apache-activemq-5.15.8-bin.zip
03-12-2024 21:08   25,957 javax.jms.jar
03-12-2024 21:07   17,319 javax.jms.jar.zip
               4 File(s)   83,995,245 bytes
               3 Dir(s) 156,356,911,104 bytes free

C:\Users \Desktop\DS\PublisherSubscriber >cd apache-activemq-5.15.8
C:\Users \Desktop\DS\PublisherSubscriber \apache-activemq-5.15.8>cd bin

C:\Users \Desktop\DS\PublisherSubscriber\apache-activemq-5.15.8\bin>dir
 Volume in drive C is Windows-SSD
 Volume Serial Number is 40B0-C448

 Directory of C:\Users \Desktop\DS\PublisherSubscriber \apache-activemq-5.15.8\bin

03-12-2024 21:06   <DIR>   .
03-12-2024 21:06   <DIR>   ..
03-12-2024 21:06   21,534 activemq
03-12-2024 21:06   4,282 activemq-admin.bat
03-12-2024 21:06   4,282 activemq.bat
03-12-2024 21:06   16,066 activemq.jar
03-12-2024 21:06   <DIR>   win32
03-12-2024 21:06   <DIR>   win64
03-12-2024 21:06   83,820 wrapper.jar
               5 File(s)   129,984 bytes

4 Dir(s) 156,355,219,456 bytes free

C:\Users \Desktop\DS\PublisherSubscriber \apache-activemq-5.15.8\bin>activemq start

Warning: JAVA_HOME environment variable is not set.

Java Runtime: Oracle Corporation 17.0.9 C:\Program Files\Java\jdk-17

 Heap sizes: current=1048576k free=1042942k max=1048576k

   JVM args: -Dcom.sun.management.jmxremote -Xms1G -Xmx1G -
Djava.util.logging.config.file=logging.properties -
Djava.security.auth.login.config=C:\Users\Desktop\DS\PublisherSubscriber\\apache-activemq-
5.15.8\\bin\\..\\conf\\login.config -
Dactivemq.classpath=C:\Users\Desktop\DS\PublisherSubscriber\\apache-activemq-
5.15.8\\bin\\..\\conf;C:\Users\Desktop\DS\PublisherSubscriber\\apache-activemq-
5.15.8\\bin\\../conf;C:\Users\Desktop\DS\PublisherSubscriber\\apache-activemq-
5.15.8\\bin\\../conf; -Dactivemq.home=C:\Users\Desktop\DS\PublisherSubscriber\\apache-
activemq-5.15.8\\bin\\.. -Dactivemq.base=C:\Users\Desktop\DS\PublisherSubscriber\\apache-
activemq-5.15.8\\bin\\.. -Dactivemq.conf=C:\Users\Desktop\DS\PublisherSubscriber\\apache-
activemq-5.15.8\\bin\\..\\conf -Dactivemq.data=C:\Users\Desktop\DS\PublisherSubscriber\\apache-
activemq-5.15.8\\bin\\..\\data -Djava.io.tmpdir=C:\Users\Desktop\DS\PublisherSubscriber\\apache-
activemq-5.15.8\\bin\\..\\data\\tmp