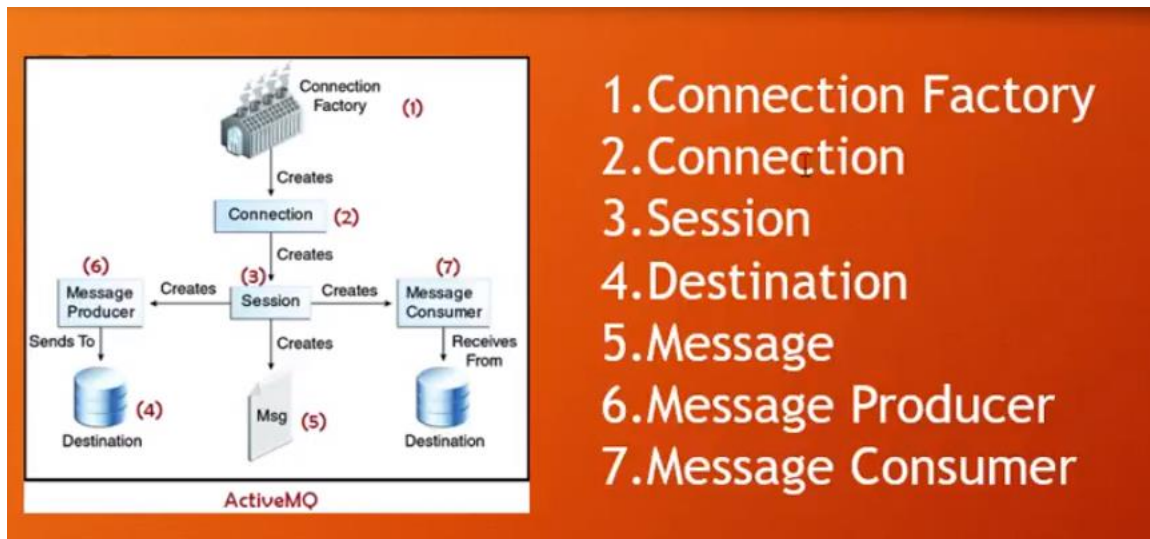


<https://www.youtube.com/watch?v=9gkY-QmGZp8&index=3&list=PLCzNdxETYFBWEkws8yC5boV8eoYwCycwo>



cd C:\activemq-5.15.8\bin

activemq start

activemq stop

cat C:\activemq-5.15.8\conf\activemq.xml

```
C:\activemq-5.15.8\conf\activemq.xml - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
activemq.xml
110      -->
111      <transportConnectors>
112      <!-- DOS protection, limit concurrent connections to 1000 and frame size to 100MB -->
113      <transportConnector name="openwire" uri="
114      tcp://0.0.0.0:61616?maximumConnections=1000&wireFormat.maxFrameSize=104857600"/>
115      <transportConnector name="amqp" uri="
116      amqp://0.0.0.0:5672?maximumConnections=1000&wireFormat.maxFrameSize=104857600"/>
117      <transportConnector name="stomp" uri="
118      stomp://0.0.0.0:61613?maximumConnections=1000&wireFormat.maxFrameSize=104857600"/>
119      <transportConnector name="mqtt" uri="
120      mqtt://0.0.0.0:1883?maximumConnections=1000&wireFormat.maxFrameSize=104857600"/>
121      <transportConnector name="ws" uri="
122      ws://0.0.0.0:61614?maximumConnections=1000&wireFormat.maxFrameSize=104857600"/>
123      </transportConnectors>
124
125      <!-- destroy the spring context on shutdown to stop jetty -->
126      <shutdownHooks>
127      <bean xmlns="http://www.springframework.org/schema/beans" class=
128      "org.apache.activemq.hooks.SpringContextHook" />
129      </shutdownHooks>
130
131      </broker>
132
133      <!--
```

```
<project xmlns="http://maven.apache.org/POM/4.0.0"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.mimaraslan</groupId>
  <artifactId>ActiveMQProducer</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <name>ActiveMQProducer</name>
  <description>ActiveMQProducer</description>

  <dependencies>

    <!-- https://mvnrepository.com/artifact/org.apache.logging.log4j/log4j -->
    <dependency>
      <groupId>org.apache.logging.log4j</groupId>
      <artifactId>log4j</artifactId>
      <version>2.11.2</version>
      <type>pom</type>
    </dependency>

    <!-- https://mvnrepository.com/artifact/org.apache.activemq/activemq-all -->
    <dependency>
      <groupId>org.apache.activemq</groupId>
      <artifactId>activemq-all</artifactId>
      <version>5.15.8</version>
    </dependency>

  </dependencies>
</project>
```

```
package com.mimaraslan.producer;

public interface JmsAbstract {
    public void connection (String queueName) throws Exception;
    public void send (String payload) throws Exception;
    public void close () throws Exception;
}
```

```
package com.mimaraslan.producer;

import javax.jms.Connection;
import javax.jms.ConnectionFactory;
import javax.jms.Destination;
import javax.jms.Message;
import javax.jms.MessageProducer;
import javax.jms.Session;
import org.apache.activemq.ActiveMQConnectionFactory;
import org.apache.activemq.command.ActiveMQQueue;
import org.apache.log4j.Level;
import org.apache.log4j.Logger;

public class ActiveMQ implements JmsAbstract {

    private static final Logger LOGGER = Logger.getLogger(ActiveMQ.class);
```

```

private static final String URL_BROKER = "tcp://127.0.0.1:61616";
public static final String QUEUE_JMS_TEST = "queueJmsTest";

private String payload;
private ConnectionFactory connectionFactory;
private Destination destination;
private Connection connection;
private Session session;
private Message message;
private MessageProducer producer;

public ActiveMQ() {
    this.payload = "";
}

public void connection(String queueName) throws Exception {
    LOGGER.log(Level.INFO, "ActiveMQ -> queue: " + queueName + ", url
broker" + URL_BROKER);
    this.connectionFactory = new ActiveMQConnectionFactory(URL_BROKER);
    this.destination = new ActiveMQQueue(queueName);
    this.connection = this.connectionFactory.createConnection();
    this.session = this.connection.createSession(false,
Session.AUTO_ACKNOWLEDGE);
}

public void send(String payload) throws Exception {
    LOGGER.log(Level.INFO, "ActiveMQ -> payload: " + payload);
    this.payload = payload;
    this.message = session.createTextMessage(this.payload);
    this.producer = session.createProducer(destination);
    producer.send(message);
}

public void close() throws Exception {
    LOGGER.log(Level.INFO, "ActiveMQ -> close connection");

    if (this.session != null) {
        this.session.close();
    }

    if (this.connection != null) {
        this.connection.close();
    }
}
}

```

```
package com.mimaraslan;

import com.mimaraslan.producer.ActiveMQ;

public class ActiveMQProducerApp {

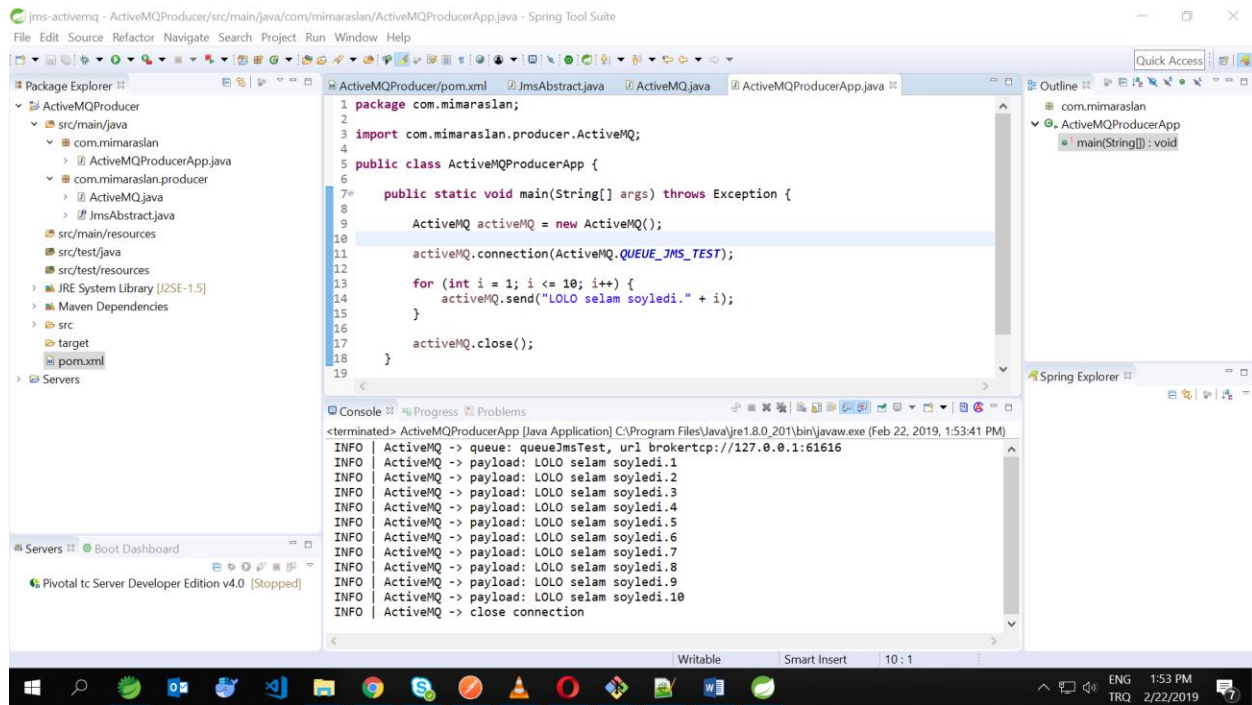
    public static void main(String[] args) throws Exception {

        ActiveMQ activeMQ = new ActiveMQ();

        activeMQ.connection(ActiveMQ.QUEUE_JMS_TEST);

        for (int i = 1; i <= 10; i++) {
            activeMQ.send("LOLO selam soyledi." + i);
        }

        activeMQ.close();
    }
}
```



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localhost : Queues

localhost:8161/admin/queues.jsp

ActiveMQ™

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The Apache Software Foundation

http://www.apache.org/

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Support

Queue Name Create Queue Name Filter Filter

Queues:

| Name | Number Of Pending Messages | Number Of Consumers | Messages Enqueued | Messages Dequeued | Views | Operations |
|--------------|----------------------------|---------------------|-------------------|-------------------|---|--|
| queueJmsTest | 10 | 0 | 10 | 0 | <div>Browse Active Consumers</div> <div>Active Producers</div> <div>atom</div> <div>rss</div> | <div>Send To Purge</div> <div>Delete</div> |

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localhost : Browse queueJ

localhost:8161/admin/browse.jsp

Browse queueJmsTest

| Message ID ↑ | Correlation ID | Persistence | Priority | Redelivered | Reply To | Timestamp | Type | Operations |
|---|----------------|-------------|----------|-------------|----------|-----------------------------|------|------------|
| ID:BMCHST2-61377-1550832822319-1:1:1:10:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:509 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:1:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:474 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:2:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:482 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:3:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:485 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:4:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:489 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:5:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:492 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:6:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:496 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:7:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:499 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:8:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:503 EET | | Delete |
| ID:BMCHST2-61377-1550832822319-1:1:1:9:1 | | Persistent | 4 | false | | 2019-02-22 13:53:42:506 EET | | Delete |

View Consumers

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localhost: Message ID:BMCHST2-61377-1550832822319-1:1:1:10:1

localhost:8161/admin/message.jsp

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Headers

Properties

Message ID ID:BMCHST2-61377-1550832822319-1:1:1:10:1

Destination queue://queueJmsTest

Correlation ID

Group

Sequence 0

Expiration 0

Persistence Persistent

Priority 4

Redelivered false

Reply To

Timestamp 2019-02-22 13:53:42:509 EET

Type

Message Actions

Delete

Copy

Move

-- Please select --

Message Details

LOLO se1am soyledi.10

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