***Apache MQ web Page:***

Accessible at <http://localhost:8161/>

|  |  |
| --- | --- |
| ***Item*** | ***value*** |
| ***User*** | ***admin*** |
| ***Password*** | ***admin*** |

***Java Code – Write to Queue***

This code snippet will write to an existing queue named “photos”.

Note: the default ActiveMQ URL is "tcp://localhost:61616"

**import** javax.jms.Connection;

**import** javax.jms.MessageProducer;

**import** javax.jms.Queue;

**import** javax.jms.Session;

**import** javax.jms.TextMessage;

**import** org.apache.activemq.ActiveMQConnectionFactory;

**public** **class** TestActiveMQ {

**public** **void** submit(String message) **throws** Exception {

ActiveMQConnectionFactory jmsConnectionFactory = **new** ActiveMQConnectionFactory("tcp://localhost:61616");

Connection connection = jmsConnectionFactory.createConnection();

connection.start();

Session session = connection.createSession(**false**, Session.***AUTO\_ACKNOWLEDGE***);

Queue photoQueue = session.createQueue("photos");

MessageProducer producer = session.createProducer(photoQueue);

TextMessage textMessage = session.createTextMessage(message);

producer.send(textMessage);

connection.stop();

}

…

***Java Code – Read Queue***

This code snippet will fetch message from an existing queue

Note: the default ActiveMQ URL is "tcp://localhost:61616"

**import** javax.jms.Connection;

**import** javax.jms.MessageProducer;

**import** javax.jms.Queue;

**import** javax.jms.Session;

**import** javax.jms.TextMessage;

**import** org.apache.activemq.ActiveMQConnectionFactory;

**public** **class** TestActiveMQ {

**public** **void** listenQueue(String queueName) **throws** Exception {

ActiveMQConnectionFactory jmsConnectionFactory = **new** ActiveMQConnectionFactory("tcp://localhost:61616");

Connection connection = jmsConnectionFactory.createConnection();

connection.start();

Session session = connection.createSession(**false**, Session.***AUTO\_ACKNOWLEDGE***);

Queue photoQueue = session.createQueue( queueName );

MessageConsumer createConsumer = session.createConsumer(photoQueue);

TextMessage receive = (TextMessage)createConsumer.receive();

System.***out***.println("Read from Queue: " + receive.toString());

connection.stop();

}

…