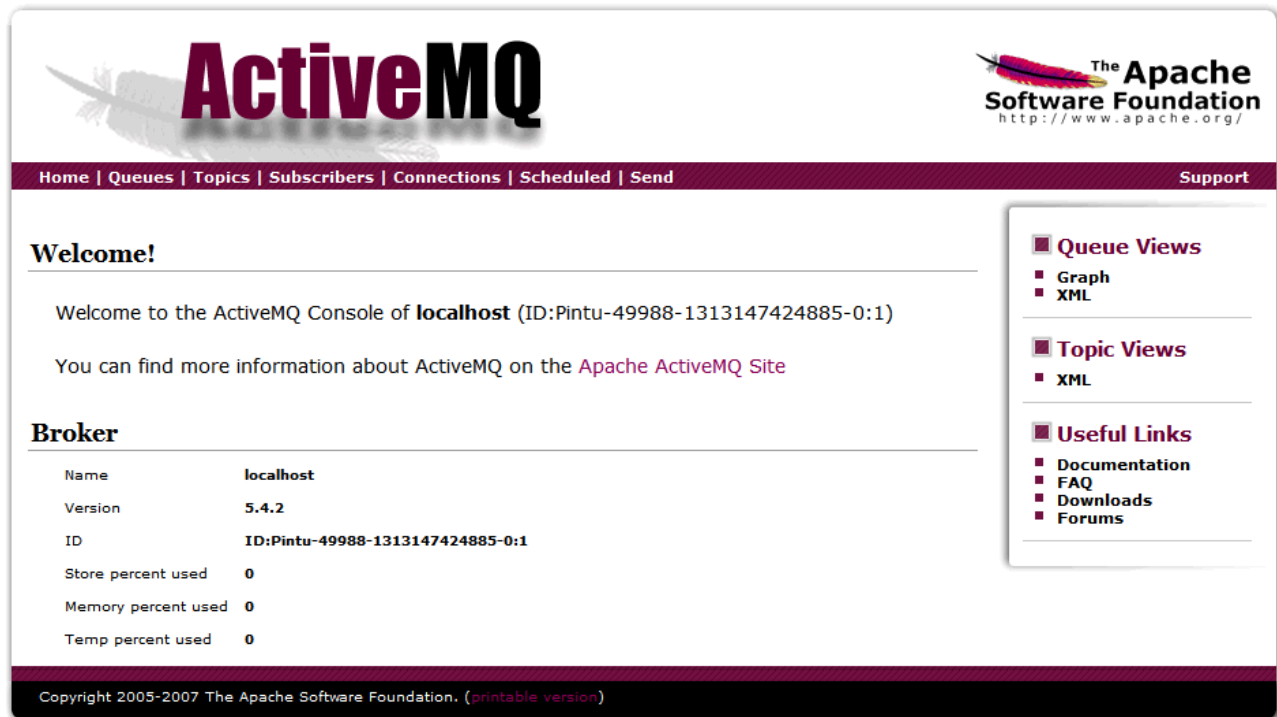


- 1) Download Active MQ 5.4.2 version from <http://mirror.candidhosting.com/pub/apache//activemq/apache-activemq/5.4.2/apache-activemq-5.4.2-bin.zip>
- 2) Extract the zip.
- 3) Go to the bin and run the activemq.bat file.
- 4) Use the [http://Machine IP \(where MQ server isRunning\):8161/admin/topics.jsp](http://Machine IP (where MQ server isRunning):8161/admin/topics.jsp) url to log in into the active MQ.

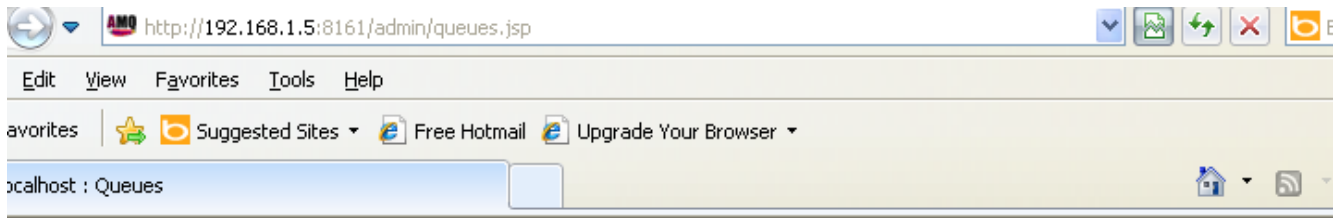


The screenshot shows the ActiveMQ console interface. At the top, there is a navigation bar with links: Home | Queues | Topics | Subscribers | Connections | Scheduled | Send. The main content area is divided into sections. On the left, there is a 'Welcome!' section with a message: 'Welcome to the ActiveMQ Console of localhost (ID:Pintu-49988-1313147424885-0:1)'. Below this, it says 'You can find more information about ActiveMQ on the Apache ActiveMQ Site'. The 'Broker' section contains a table with the following data:

| | |
|---------------------|----------------------------------|
| Name | localhost |
| Version | 5.4.2 |
| ID | ID:Pintu-49988-1313147424885-0:1 |
| Store percent used | 0 |
| Memory percent used | 0 |
| Temp percent used | 0 |

On the right side, there is a sidebar with three sections: 'Queue Views' (Graph, XML), 'Topic Views' (XML), and 'Useful Links' (Documentation, FAQ, Downloads, Forums). At the bottom, there is a footer with the text: 'Copyright 2005-2007 The Apache Software Foundation. (printable version)'.

- 5) Click on the Queues link to create new queue. And define its name.



ActiveMQ

Home | Queues | Topics | Subscribers | Connections | Scheduled | Send

Queue Name

Queues

| Name ↑ | Number Of Pending Messages | Number Of Consumers | Messages Enqueued | Messages Dequeued | Views | Operations |
|---------|----------------------------|---------------------|-------------------|-------------------|--|---|
| adeptia | 0 | 0 | 7 | 7 | Browse Active Consumers atom rss | Send To Purge Delete |

- 6) To give the message in the Created Queue Click on the send to Link and define the message.
- 7) To use this new created Queue in the Adept server. Replace the the Jndi.properties file in the etc folder with the file attached in the mail. .
- 8) In the jndi.properties files change the following properties
queue.MyQueue = example.MyQueue (Define the name of new create queue)
If queue name is adeptia then define as queue.adeptia=adeptia

topic.MyTopic = example.MyTopic (Define the name of new create topic)

If Topic name is test then define as topic.test=test

- 9) Restart the kernel and web runner.
- 10) Start The Adeptia Kernel and WebRunner. Go to Administer –Connector –JMS Provider and create new JMS Provider with the following parameters:

JMS URL : *tcp://JMSServerName:61616*

Provider Jar File:

Load the activemq-all-5.4.0.jar from location **ApacheMQInstall directory**/Apache MQ/apache-activemq-5.4.0

JNDI Factory : *org.apache.activemq.jndi.ActiveMQInitialContextFactory*
Queue Connection Factory : *QueueConnectionFactory*

Topic Connection Factory : TopicConnectionFactory

Configure > Services > Connector > JMS Provider > JMS_provider_MQ

[-] Standard properties

| | | |
|----------------------------|---------------------------------------|--------------------|
| Name * | JMS_provider_MQ | |
| Description * | JMS_provider_MQ | |
| JMS URL * | tcp://192.168.1.5:61616 | |
| Provider Jar Files* | activemq-all-5.4.2.jar | Upload Jars |
| JNDI Factory * | org.apache.activemq.jndi.ActiveMQImpl | |
| Queue Connection Factory * | QueueConnectionFactory | |
| Topic Connection Factory * | TopicConnectionFactory | |

[+] Advanced properties

* Mandatory fields.

Save Save As Cancel

11) Create JMS Source as shown in the figure below:

Configure > Services > Source > JMS > JMSSource

[-] Standard properties

| | | |
|-----------------------|-----------------------------------|--------|
| Name * | JMSSource | |
| Description * | JMSSource | |
| JMS Provider* | JMS_provider_MQ (JMS_provider_MQ) | |
| Connection Type* | QUEUE | |
| Durable Subscriber | <input type="checkbox"/> | |
| SubscriberID | | |
| Queue Or Topic Name * | adeptia | |
| MessageSelector | | |
| Time Out | 100 | Sec(s) |
| UserName | | |
| Password | | |
| Confirm Password | | |

