

RabbitMQ

To install **RabbitMQ** from the Terminal

- 1) Use Homebrew as follows (which also installs key dependencies such as supported Erlang/OTP version.

```
brew install rabbitmq
```

To use **RabbitMQ**

- 1) Add the installation directory (where RabbitMQ server scripts and CLI tools are installed) to the PATH environment variable as follows

```
export PATH=$PATH:/usr/local/sbin/
```

- 2) Start the RabbitMQ service

```
brew services start rabbitmq
```

- 3) Use rabbitmq-plugins (a command line tool for managing RabbitMQ plugins) to enable AMQP client

```
rabbitmq-plugins enable amqp_client
```

- 1) Test the RabbitMQ service on browser using the URL below

<http://localhost:15672/#/>

and

using “guest” as both the login user id and password

To stop using **RabbitMQ**

- 1) Execute the following command (from Terminal)

```
brew services stop rabbitmq
```

ActiveMQ

- 1) Install **ActiveMQ** from the Terminal using Homebrew as follows

```
brew update  
brew install apache-activemq (OR brew install activemq)
```

- 2) Find out port conflicts of RabbitMQ (AMQP) with ActiveMQ (JMS)

```
activemq console
```

- 3) To resolve the port conflicts, open Finder and navigate to

GO → Go To Folders ...

Enter /usr and then click Go

In the resulting directories list, navigate to

local → Cellar → activemq → 5.15.8 → libexec → conf → activemq.xml

Open activemq.xml and modify the conflicting ports based on the warnings printed out to the console in Step 2.

- 4) Test the ActiveMQ service on browser using the URL below

<http://127.0.0.1:8161/admin/>

and

using “admin” as both the login user id and password