

Instructions to install klaviyo weather app on Mac:

1. Install brew using:
2. Install rabbitmq using:
brew install rabbitmq
3. Start the rabbitmq server using command:
brew services start rabbitmq
4. Verify whether rabbitmq is started or not using: (Credentials: guest/guest)



localhost

RabbitMQ - Management Plugin

RabbitMQ Management

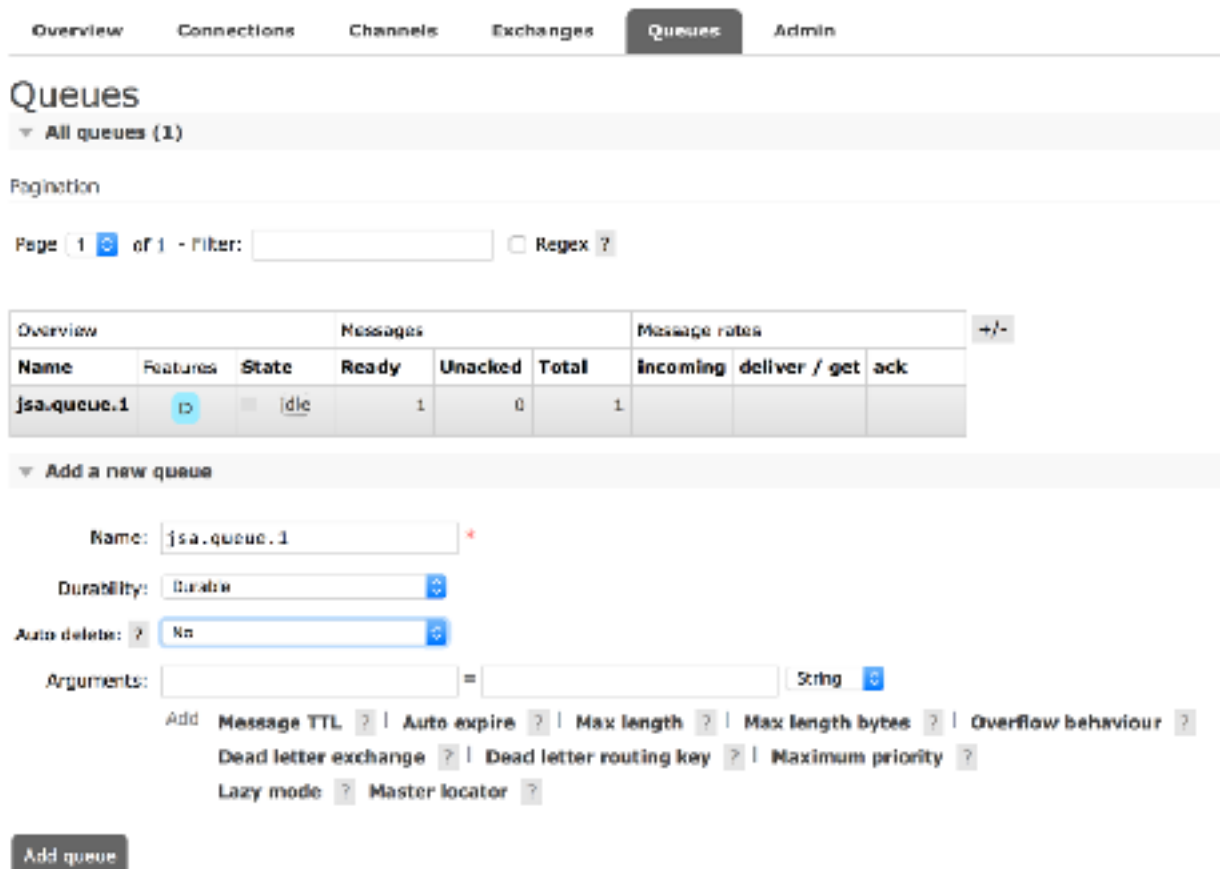
RabbitMQ

Username: *

Password: *

Login

5. Create a rabbitmq queue as shown in below screenshot:



Overview Connections Channels Exchanges **Queues** Admin

Queues

▼ All queues (1)

Pagination

Page 1 of 1 - Filter: ☐ Regexp ?

Overview			Messages			Message rates				+/-
Name	Features	State	Ready	Unacked	Total	Incoming	deliver / get	ack		
jsa.queue.1	ID	idle	1	0	1					

▼ Add a new queue

Name: *

Durability: ⚙

Auto delete: ? ⚙

Arguments: = String ⚙

Add Message TTL ? | Auto expire ? | Max length ? | Max length bytes ? | Overflow behaviour ?
Dead letter exchange ? | Dead letter routing key ? | Maximum priority ?
Lazy mode ? Master locator ?

Add queue

6. Create a rabbitmq exchange as shown in below screenshot:

Overview	Connections	Channels	Exchanges	Queues	Admin
amq.direct	direct	D			
amq.fanout	fanout	D			
amq.headers	headers	D			
amq.match	headers	D			
amq.rabbitmq.log	topic	D I			
amq.rabbitmq.trace	topic	D I			
amq.topic	topic	D			
jsa.fanout	fanout	D			

▼ Add a new exchange

Name:

Type:

Durability:

Auto delete: ?

Internal: ?

Arguments: =

Add Alternate exchange ?

Add exchange

Note: Don't change the name of the exchange & queue.

7. Install mysql using command:
brew install mysql
8. Start mysql using command:
brew services start mysql
9. Verify whether mysql is running or not using below command:
10. Change the mysql default root password to '**password**' using below command:
Make sure you are able to connect to mysql with new password.
11. Now create a database with name "**weatherdb**" using below commands:
create database weatherdb;

```

[Gangadars-MacBook-Pro:~ gangadarkatakam$ mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 3
Server version: 5.7.20 Homebrew

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>

```

12. Make sure the database is visible using:

```

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| weatherdb |
+-----+
5 rows in set (0.00 sec)

mysql>

```

13. Install maven using command:

brew install maven

14. Verify whether maven is installed properly or not using command:

```

[Gangadars-MacBook-Pro:WeatherDemoApp gangadarkatakam$ mvn --version
Apache Maven 3.5.2 [138ed61fd109ec658bfa2d387c43b76940a5d7d; 2017-10-18T03:58:13-04:00]
Maven home: /usr/local/Cellar/maven/3.5.2/libexec
Java version: 1.8.0_121, vendor: Oracle Corporation
Java home: /Library/Java/JavaVirtualMachines/jdk1.8.0_121.jdk/Contents/Home/jre
Default locale: en_US, platform encoding: UTF-8
OS name: "mac os x", version: "18.12.6", arch: "x86_64", family: "mac"
Gangadars-MacBook-Pro:WeatherDemoApp gangadarkatakam$

```

15. Now download the source code from GitHub onto your machine and run the following command

```

[Gangadars-MacBook-Pro:WeatherDemoApp gangadarkatakam$ pwd
/Users/gangadarkatakam/Documents/eclipse-Workspaces/workspace-sts-3.9.0.RELEASE/WeatherDemoApp
Gangadars-MacBook-Pro:WeatherDemoApp gangadarkatakam$ mvn spring-boot:run

```

```
Gangadars-MacBook-Pro:NotificationService gangadarkatakan$  
Gangadars-MacBook-Pro:NotificationService gangadarkatakan$ pwd  
/Users/gangadarkatakan/Documents/eclipse Workspaces/workspace-sts-3.9.0.RELEASE/NotificationService  
Gangadars-MacBook-Pro:NotificationService gangadarkatakan$ mvn spring-boot:run
```

16. Make sure the services are running properly. Please see the below output.

[illegible]

Note: In order to start Notification Service, You should provide a valid gmail account & password.

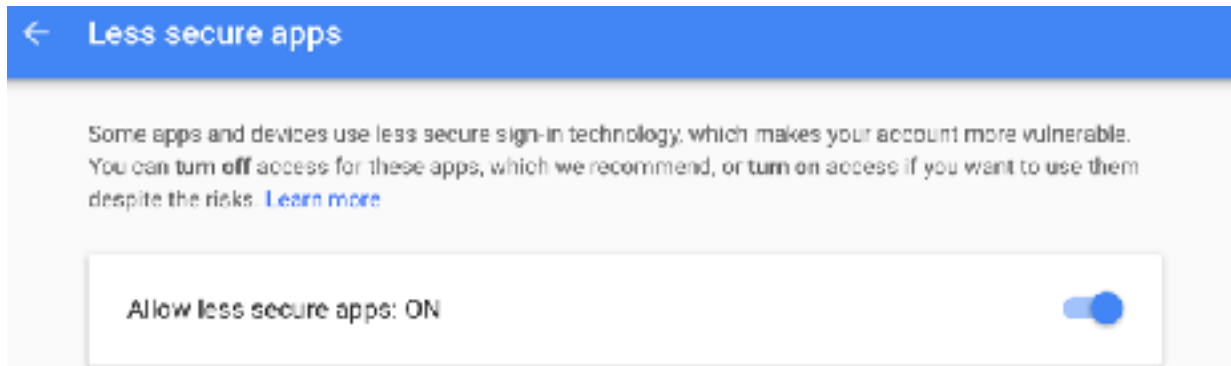
Change the following application.properties file located in your NotificationService source code. Refer the below screenshot to change the properties (**spring.mail.username** & **spring.mail.password**)

```
Gangadars-MacBook-Pro:resources gangadarkatskam$ cd
Gangadars-MacBook-Pro:resources gangadarkatskam$ cd
/Users/gangadarkatskam/Documents/eclipse/workspace/ats-3.7.3-RELEASE/NotificationService/src/main/resources
Gangadars-MacBook-Pro:resources gangadarkatskam$ ls
application.properties static templates
Gangadars-MacBook-Pro:resources gangadarkatskam$ vi application.properties
```

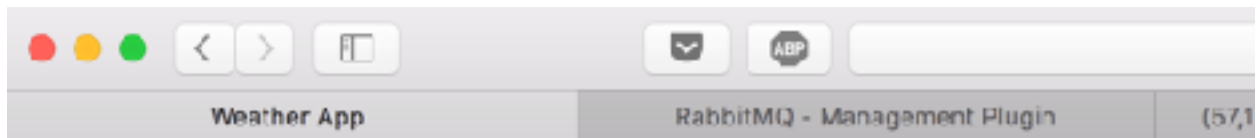
```
spring.mail.host=smtp.gmail.com
spring.mail.username=katakam.g@gmail.com
spring.mail.password=XXXXXXXXXXXXXXXXXXXX
spring.mail.properties.mail.transport.protocol=smtp
spring.mail.properties.mail.smtp.port=465
spring.mail.properties.mail.smtp.auth=true
#spring.mail.properties.mail.smtp.starttls.enable=true
#spring.mail.properties.mail.smtp.starttls.required=true
```

Also make sure you enable “**Allow less secure apps: ON**” from gmail account. Please refer the below url and screenshot for reference.

URL to change: <https://myaccount.google.com/lesssecureapps>



17. Now access the Weatherapp UI using url <http://localhost:8080/index.html>



Weather Application

Enter Email
<input type="text"/>
Location
<input type="text" value="---Where do you live?---"/> 
<input type="button" value="Subscribe"/>

18. Provide a email and location you want to subscribe for weather conditions.

