1. Java messaging service
2. Install rabbit mq
3. Queue and exchange
4. Publish message to queue and different exchanges using core java
5. Consume the message from queue using core java
6. Spring boot and spring mvc 🡪 using rabbit template and rabbit listener

Timeline

Description automatically generated

Different java apps can interact with each other

Exchange and queue are part of rabbitmq broker

Diagram

Description automatically generated

Direct exchange –

Fanout exchange –

Topic exchange –

Headers exchange –

For rabbit mq – <http://www.rabbitmq.com/download.html>

For erlang/otp – <http://www.erlang.org/downloads>

User 🡪 REST API 🡪 QUEUE

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Consumer

Direct exchange

Producer 🡪 direct exchange 🡪 mobile 🡪 consumer

🡪 tv 🡪 consumer

🡪 ac 🡪 consumer

Producer 🡪 fanout exchange 🡪 mobile

* Tv
* Ac

Every queue will get the message !

Producer 🡪 topic exchange 🡪 mobile

* Tv
* AC

Topic will match portion of key

Graphical user interface, text, application

Description automatically generated