-:- Distributed Menaging:

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It's a process of "sending morage from sowice application to one or more destribution application", It's not a concept of request and response.

This is implemented using MQs (Menage Queues)

App 

Send App

Douted

App

App

App

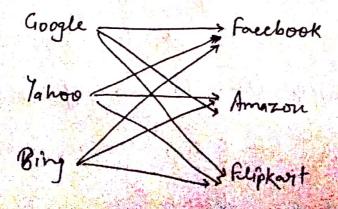
App

App

- App Sending data to multiple applications.

-> Consider below Example, a design given without

MQs looks like menh design.



-> This 9s simplified by MO which 9s given below with one mediator also called ar Menage Broker. Message Tahoo Amazon - Elipkant > These wife two types; A. Barrie Menege anewing Protocal (BMQP) B. Advanced Menage Quening Protocal (AMRP) A. Baric Menage Quening Protoul (BMQP): It 9s also called as language specific MR. In case of java ?t 9s called as JMS (Java Menage Service). -> It 9s language dependent. er Broker Roffwage: - Apache Active Ma, Attrimic, RabbitMa en

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C

-i- Spring Java Merrage Service:-It is used to implement perpendent Basic menaging process b/10 applications, to send geriere data. -> It uses one Broker software that Colled as MOH (Menage Oriented Middlewaye). -> MOM contains one special memory (container) called as Destination that holds menages. -> Every Application connected to MOH 91 called Client. -> Produces (Client): Sends Menage to MOH Consumer (Client): Read Menage from MOVY. (Menge Oriented Middleware) Destination Consumus elient

of Types of Communications in JMS:

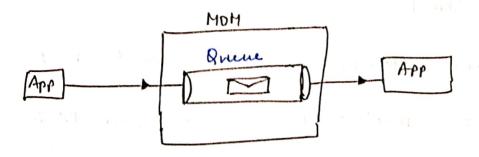
Thoje age two

I PRP (Peer - to - levs) Communication: One menage

9s sont to one consumor app only.

"Ruege?" [QUEUE]

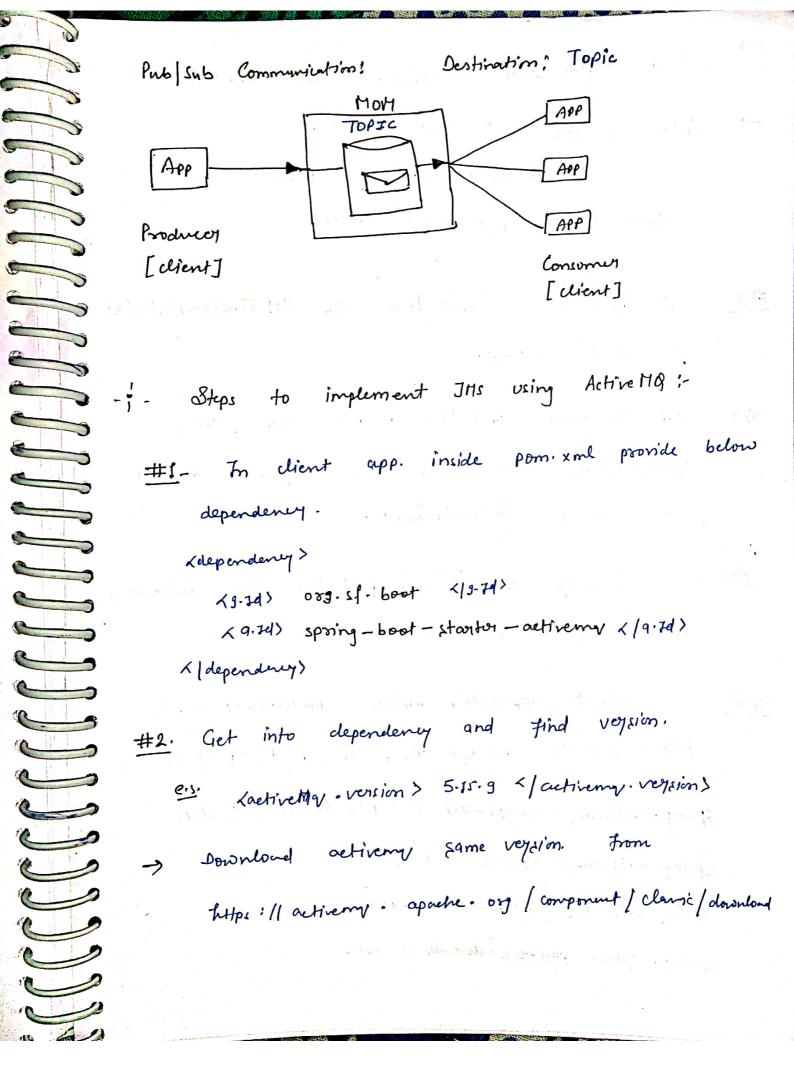
P2P Communication: Destination! Queue



2. Pub/ Sub (Publish - and - subscribe);-

I In this case one menage cloned copy send to multiple consumers.

-> Helpe Destination type 95 "TOPIC".



-> Extract > open > bin > win 64 > activemy. but

-> Goto browser and enter use -

http:// locallost; 8161 / admin

#3 At producer Application use It ImsTemplate (c)
to send manage.

#4 At consumer application enable Ims vising

@Enable Ims Annotation also define consumer

code vising @Imshiptener.

Nok - It we are using ImsTemplate (c) then internally
It follows @ Engble Ims.

#5. In client application inside application proporties

Tile provide broker UKL, un, prod, publisob they

spring activemy. broker-unl = tcp:// Localhost: 61616

spring activemy. User = admin

spring. activemy. panward = admin

spring. jms. pub-sub-domain = tone

O. Comment

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