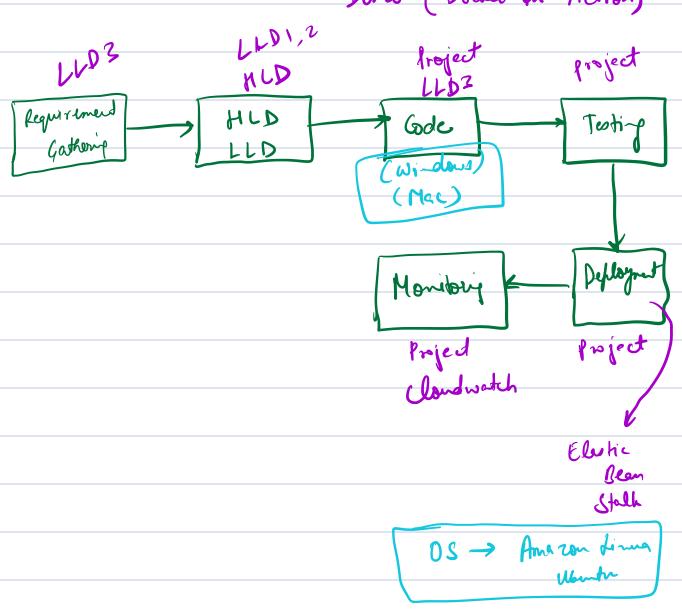
Docher -

. Why do we need Docher

· Docher Terms

· Demo (Docher In Action)

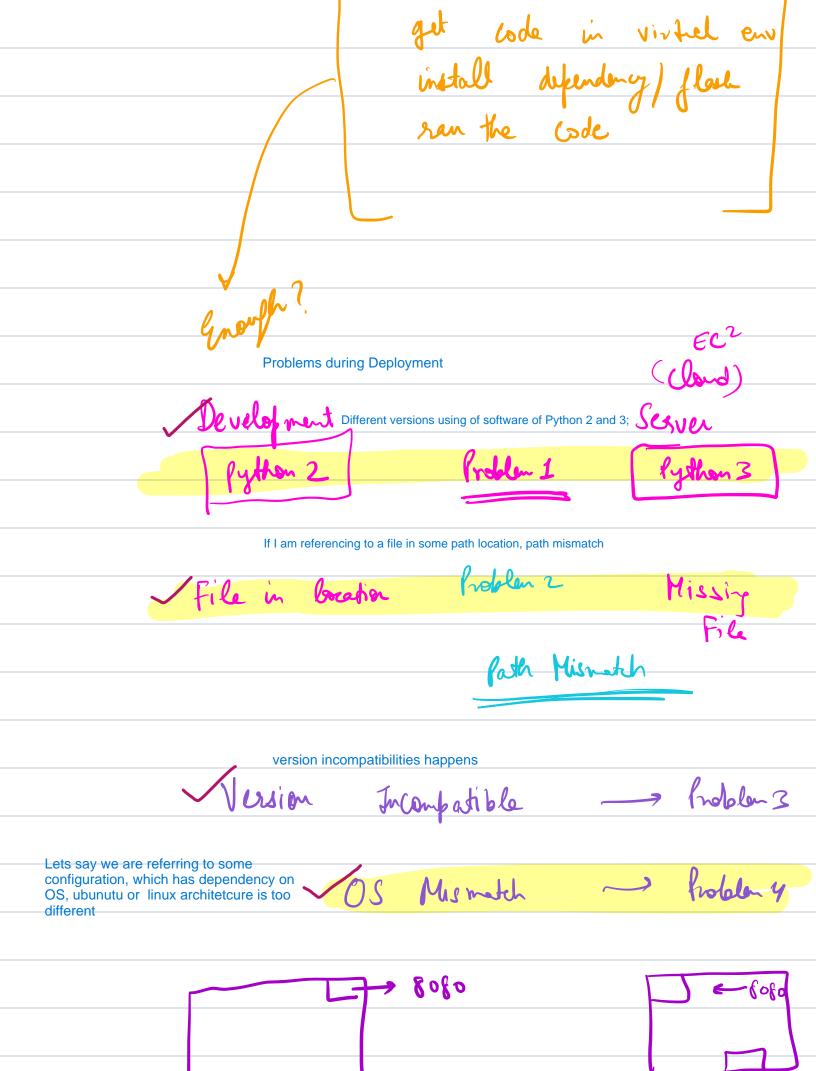


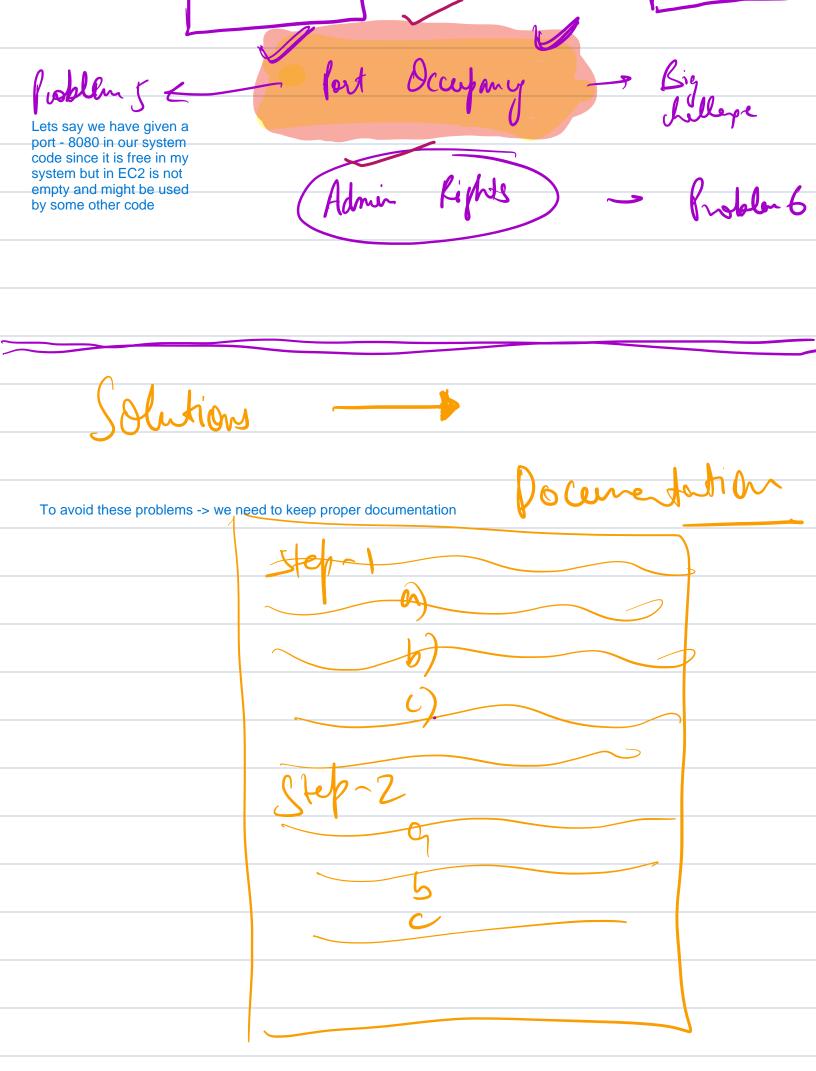
EC2 ----

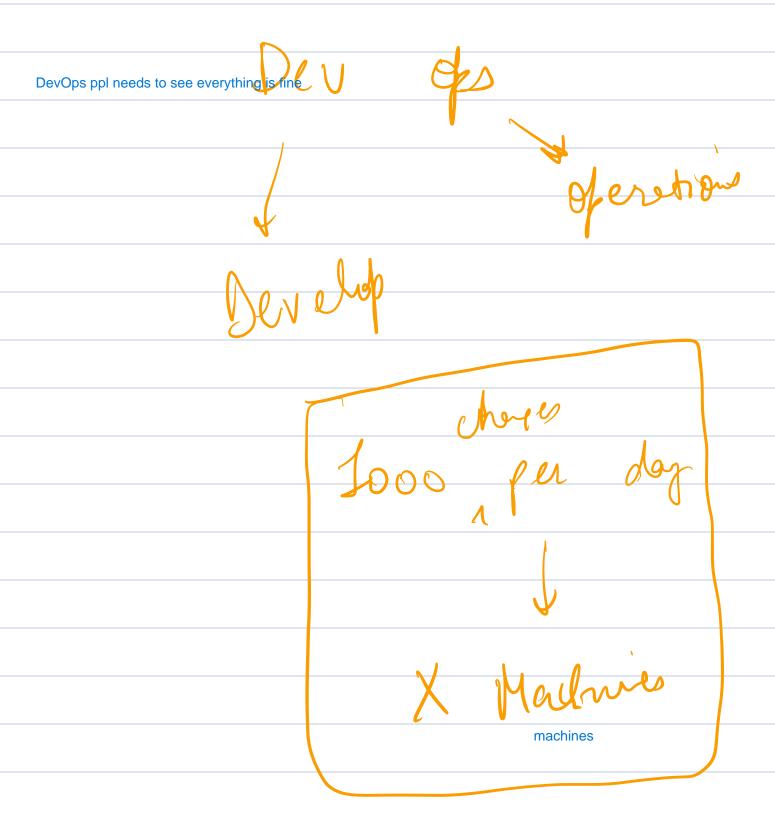
initall python

miall virtual env

created virtual env







If I have to deploy 1000 changes in a day on X machines -> thats not scalable

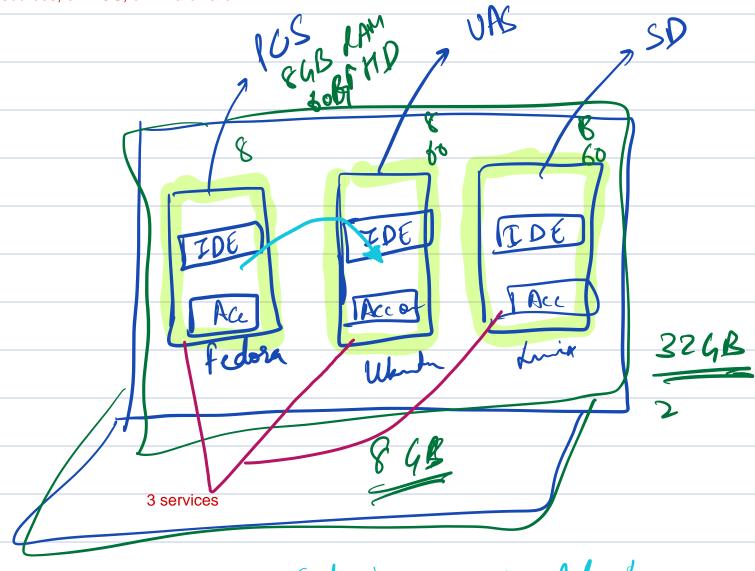
o Scalability

o Human Gara / Human

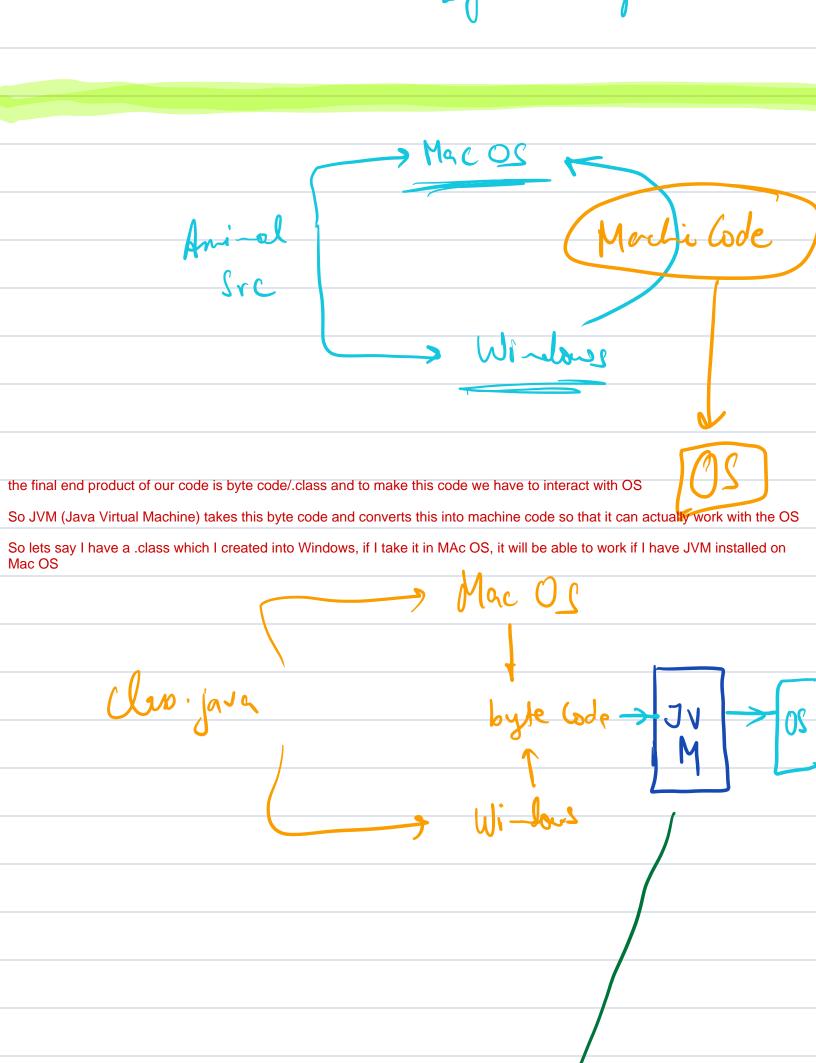
Same type of job -> devops person will not be happen Solution is

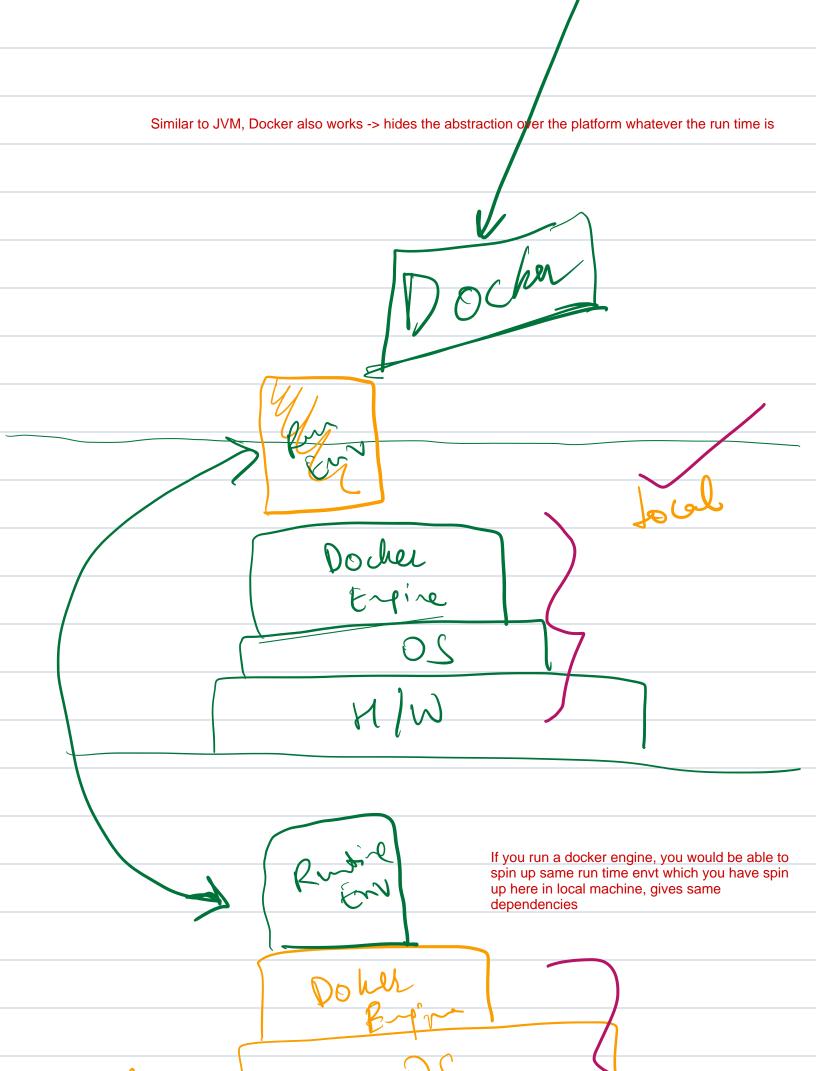
<u> </u>	×	X
		<i>V</i> -
What developers want?		
1 1/2 00	/	deployment
1. Mac OS		
	ent purposes. Companies won't want the	r servers/prod
servers to run on Mac OS since Mac	Os is too costly	
0 0		• •
J. Kurning C	he Service or	One Moche
doe	on't look l	ike a
Running one service on one Machine -	· · · · · · · · · · · · · · · · · · ·	· ·
	wise de	cision
Solution is Virtualization		
		direction.
	Jist	voll
	9	
8-16		
(\ 4B \)		
KAMS	Out of 20 8-16 GB	956 GB RAM, it is alloting RAM
	2056 GB	RAM)

Virtualization is creating small -2 servers out of a big server and each server is capable of running its own resources, own OS, own hardware

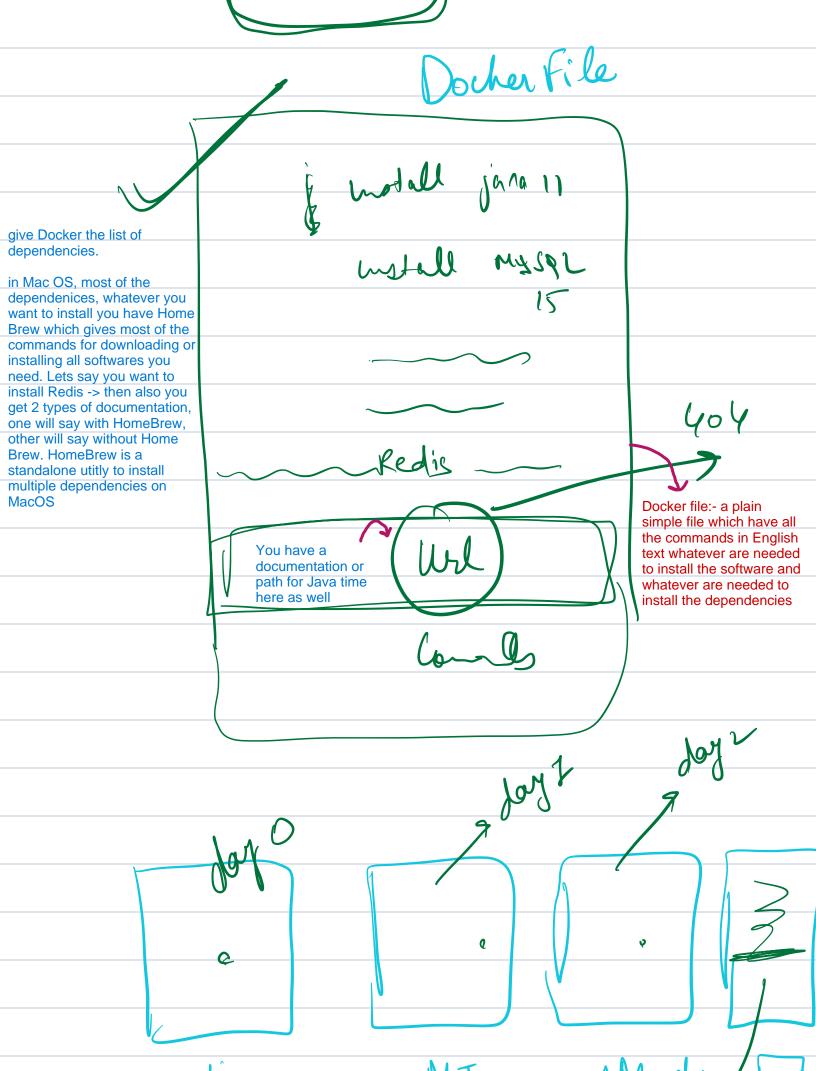


Commention b/w VMs con also be a





Server costo a runtine env bosed on Config which user (dev) gives



Lets say we have given copies of docker file to these 4 ppl, and Vinay was able to spun up the runtime 0, 2 other person did on Day1 & Day2 respectively -> and lets say the 4th person was not able to do early and did on Day10 and encountered some errors maybe coz the URL in the file, goes not Found 404 on internet coz of which 4th person which not exactly spin up the runtime envt which these 3 ppl were able to and faced some errors To avoid this issue, we should provide a compiled version of docker file k/a Docker Image. Very similar to this analogy -> if I am giving you pom.xml that is Docker file, instead I am giving you jar file which is a compiled version -> that is Docker Image Step 1: From Docker file you need to create Docker Image Doherfile When we create a class, does it allocates memory? No. Memory is allocated when you intantitae a class create an object

