6Workmate Lecture -4 Page No Before docker -> only application on I server Mware solved mis problem ving winhal machines > now you can non multiple application on Same sources

> but still every virtual machine requires problem you may be tacing right now Jepandencies issue (moddiff packages modules etc)

-> xtting & up project on your

- own system.

Workmale Date Page No Docker Adding virtual machines reg hardware, as etc., so to tackte avoid wasting your computing resources container are made. Container Visital madrines /A201 Appl App3 TAPPI (App) Appl 18m/Lin Bin/Lib Binslib guest OS Container Englis Hypervison 20 Laptop) server/et Laptop Cooper Hyparison: Runtin This is known as -> creates multiple vintual machine Docker on host as and manages virtual makine.

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	Date
	Page No
	Docken
	contains
	Onchestnation
	Engine
	2
	- Runtime
	Runtine.
	allows to start & stop containers
-	The types
4	none (Low level munime) · monks with your os and starts and stops The container
	· works with your ors and starts and stops
	The catalogs
+	
_	=)containerd (higher level)
	· managiny stunc
	· managing stunc · helps container to interact with methods · container nunting for Kuberrutes
	Line who has keeper a ton
+	· container somme for mountains
-	
The same of the sa	

	and the same of th	Date Page No	
	- \$		on do 1 !
	(1) Engine, Darmon with Jocker		So here o
	Jocker CLI > Ctient		Jabour. These open
	Rest Api		report engine (1)
			much more
	(Senven)		
	Joemon		Example
		1	Me (Delhi)
	-> Using docker cli A Man Frest	api Ne Can	(1/2000)
	\mathcal{L}_{1}		1 made
	- daymon will mank with cont	Mines Juns me	pi220
	Loit.		
	-> docker CL1		(3,70)
	· basically with what w	le interact	
	wim.		App
			>App
			Jevi
	(1) Orchestation		
:	Surver		
	Ngh O		
			contr
1	Apps Vension 1		sont
	-> Suppose you need to update here	apps to	3010
		The somer	
AND PORTOR	Charles Andrews	No. of Contract Contr	The second secon

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-	On do 1 by 1 which is quite time So here orchestoration comes to so labour. These open are close out to 100	consuming ve manual
	These open are done automatically using much more than that	s lit foes
	Example of Docker	1 - 7
	Example of Docker	
	Me (Delhi)	Rahul
	Containe Damn 1	Rahul Coublin
	made pizza gotth	pizza
	(50	acipe/
	sharing recipe dan	(onbine)
	mak	ing image
_	> Application with	same
+	on my	cipe +
+	Jevice	
	Application	
	Application on this Jevi	
4	his dev	
	a) in the above has a significant	ho 0.00
	container Image => instruction for running to sontainer => instance of the image	7
	Sontained	

	Workmale.
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<u>-</u>	1
	Docker File Image > Container
;	DOCKOT TILE