Video 8. Spring Boot. Dynamically Initialised Beans!

Lets first remember Unsatisfied Dependency proflem.

@ Restantaller

@ Requistmappings
public class Usens

Order order;

J. Which implementation

Louse, Not Sorre.

Hence it throws

unsatisfied Dependency

EMS.

public înterface Order

@Component
public dass Online Order implements
Order,

@ Component
public class offline Order im plements
Order

Now if you remember we resolved this using the

@ Qualiffy annotation.

@ Qualifer ("online Onder")

e Autowired.

(sa) Onder onder ;

But proflem is that it is handcoded. So it treats Dependency Inversion. @ Qualiféer ("onlive ander")
@ (omponent
public class Online ander implements
ander.

@ Qualifier (offlingerster !)

@ Component public days appline tooden implements ander, 151 Solution > to follow Dependency Invention.

@ Component public class User {

@ Qualifier ("online Order Object")
@ Automorder Obj
Onder online order Obj

@ Qualifier ("offline onder Object")

@ Autowined.

Order offline order Obj.

@ Qualifier ("online Order Object)
@ Component
pollic does Orline Order Object
in plantents and specific

O adilier (" offline ander Object")

(or ponent

polic class Offline ander Object

implements ander E

3

@ Post Mapping ("/ create Order")

puffic Response Entity (String) create Order (@ Request Param Goodean

is Online Order) {

of (15 Order Order) &

orline ander Obj. (re of ander ();

Elje & offlive Order Obj. create Order ();

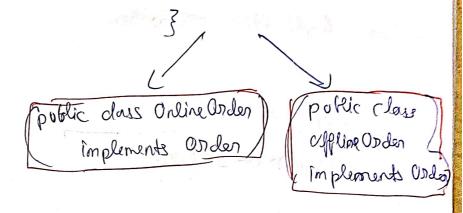
regust Parama regust Parama ve are deciding with Implementation to use

3

3

2 not Solution: a Value annotation.

public intenfore Ordens



Notice no @ Component bean is there

@ Configuration
public class App Config {

@ Bean
public Orden (roote Onden Bean @ Value (" \$ { is Online Onden }") boalean
is Online Onden) {

(C) rebra men deline (S);

3

Else S

refur new Offline Order (S);

Fre fur new Offline Order (S);

2

@ Valve: It is used to inject valves from various sources like proporty variables or theire literals.

Like Application. Proponting.

application - properties.

1 is Online Order = false

Inline Literal Example

@ Bean
public Order crede Order Boom (@Value ("false") boalean is Online Order);

if (is Online Order) {

return new Online Order();

else 5 reform hew Offline Orden ();

3

ξ,