Video 10. Spring boot @ Profile Annotation ! How Broliving works in Spring Boot.

Suppose you have 2 applications and I common code

base. A

code base > mese-lite.

Application -> Bromise

Someting

Someting

for other?

1-> @ Conditional On Broperty [Already Seen]

27 @ Profile > [we will discuss this]

more well at a minery

Technically Yes @ Brafile can acheive this lequirement.

But it is used more for [environment separation] perspective

routher than application separation.

Lets for l'ample consider configurations. Like Databage

Dev Dev Chenname Dev Password

a 7 (Qa Vien Name)

2. We put configurations in "application-properties" file.
But how to handle different env configurations. ?

That's where Brofiling comes into the Pictore

application - properties

application - Eprofile 13 - properties

application-{profile2}.

application—sprafiless

Now this profile is nothing but environ Spring

Sapplication-dev-properties}
Username = dev lisername
Possword = dev Password

Eapplication - prod properties?

Username = De prod Vienname

password = prod Passonard

Sapplication - proporties }

Username = default Vsername

Password = default Password.

of profile is set, but onlying the profile of

@ Component public class My SOL Connections @ Value ("\$ & vsoname }) This two properties are to be picked up from config String username; @ Value (" 1\$ & password }) Spring Boot checks which file to String password; pick. It cheeks for @Profile. No such trying found. Pick default Sapplication. Broperties? @ Post Construct pullic void init()} >> (No prof isle) Sout (Username + password); J default Genname default Passourd

1) How do we choose which application properties file to choose.

Using "spring-profiles. active"

tells String which brafile you are consently working at

application - properties.

username = default benname

password = default fossword

[Spring-profiles.active = aya]

Spring gets to know which one to

application-dev-properties

Username = dev Username Password = dev lasgovard application- ga. proporties

username = quilsoname

password = qa Password

a pplication-prod-proporties usenname > prod Vienname possonal > prod Passonad.

from parent (application, properties)

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But the above example is static only, but I want to be
able to change things dynamically. How can I do that?
{2 Ways of doing that}
(1) Using VM arguments mvn spring-boot: 700 - Dspring-boot-700. profiles = prod.
This vins priority over Capplication-properties? Spring. profiles.active = "qa"
(2nd way 15 using pom-onl.)
pam.sml.
(profiles) (profile) (profile)
(properties) (properties) (spring-boot-nun-profiles) dev (/Spring-boot-nun-profiles) (/properties)
<pre> <pre></pre></pre>
and the second s
(properties)
<pre> <pre></pre></pre>

@Proble -> to be used for different environment and no Application 7 Using @ Brofile annotation, we can tell spring boot to (reade a bean only when a particular profile is set. burg - slight, note tout @ Component @ Profile ("prod") public class Mysal Connection { Now in application properties we have set profile = 9 a @ Value ("\$\{ username}") Spring while trying to String Username; Create a bean of two class @ Value ("\$ { password}) will check String password; @ Brofile (" prod") @ PostConstruct which is not mattching pullic void init()} + password) ("ga") hence it, Sout (usoname will not initialized. (Rood 7 ga) application properties Demane = default Venname passured = default Passured Spring-profile-active = pa | Here profile is set to application -dev-properties a pplication-prod properties application-gapropertily Username = dev Username USOname= gavename Username = produciname browzen veb = browzeng passard = gapassard password = pradpassword.

But if we run using the maven rommand.

mun Spring-boot: nun. -Dspring-boot-nun.profiles=prod,

then during Application Stantop logs will be like.

The following 1 profile is active: "prod"

we can set multiple profiles at a time.

[The following 2 profiles are active: "prod", "qa"]

a pplication, properties

a pplication, properties

a sorname = default visoran

Pressword = default visoran

Spring profiles - active = prodiga.

Both Beans will get

Created since (Profile ("qa")

profiles hors both

prod, qa)

But Imp (application properties) }-

Last one is the comma separated Listof profiley