

Date:\_

MVC in servlet JSP

Model => DAO, DO

Controller  $semlet \implies$ 

view ⇒ JSP.

P MVC 5pging

> Model Beans (DAO, DO, BL beans)

controller > Web MVC controller (It is also a bean)

JSP / Thymeleaf View  $\Rightarrow$ 

spring Annotations written for class level

@ Configuration > spring will think:

This is java config, I will get

@ Bean tag insideit

for spring > All are same @ Component

This is java bean, I have to @ service

manage, instantiate, DI III @ Repository

These diff names are for programmen's readability.

@service > business logic

@ Repository > DAO/DB Gelated task

General bean / not specified. @ component

@ Controller: Spring > This is java class that spring hosto call all the methods of this class when different requests Me write a controller MAP the request to model & view Request > GET / POST

Output > A JSP is generated & goes to

browser. Phase-1 > development 1. Write JSP a. Write configuration a write controller  $Phase-a \Rightarrow deployment$ Run the tomat server - the embedded tormat oruns @ deploys Production phase / request phase client stoots sending request from boxosom

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tlow of a project
  1. Create a JSP file
                               Hello-jsp
 8. Application configuration suffix - Prefix.
        spring mvc view prefix = "MEB -INF"/views"
        spring muc. view. suffix = ".jsp"
s. Controller
        @Controller
                          > Annotation
        public string MyWebController ?
         @ Request Mapping Cvalue = "/Hello", method - Request Method
          public String F1 ()
        3
             return " Helly;
        3
Spring Boot: Many Boiler plate codes are corapped
                inside.
  -- many configuration can be given through key value
  pair using setting in applications proporties
flow Execution #
1. Application conteat is created by spring Boot
 9. If web controller class is in the same package as
   main class then scan is not needed, spring toot
   will auto scanit.
3. When spring find controller, it initialised
    the controller.
4. After that, it takes its request mapping
 It will map the request.
    @ Request Mapping (value = "/hello", method-Request Methodise)
          Public String F1 ()
                              This mas that, whom requested
                              uel is /Hello & methodis
             return "hello";
                               get return hello
```

This hello, will go to application properties.

(collected by spring framework) prepend append by prefixe & suffixe WEB-INF/views/hello.jsp Prefix.