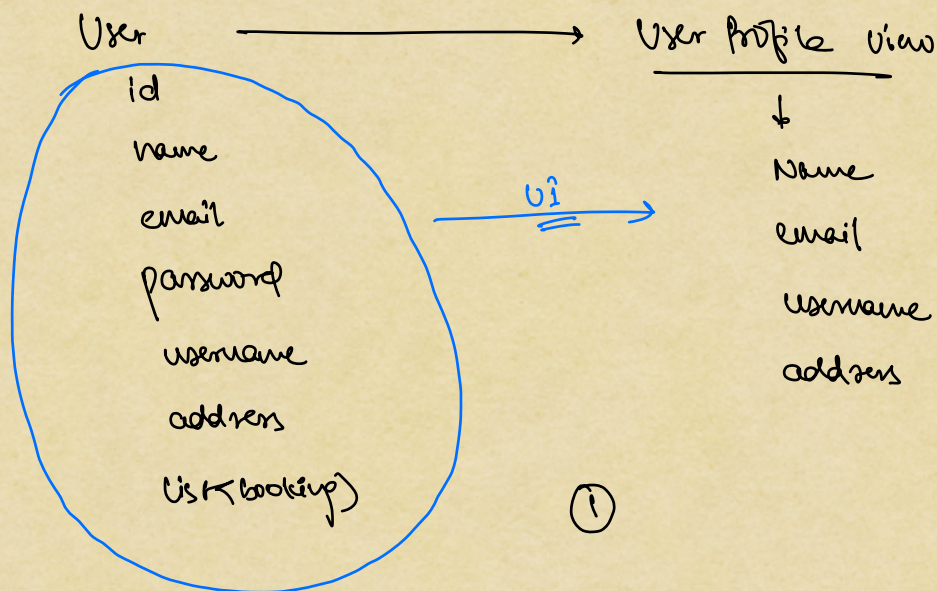
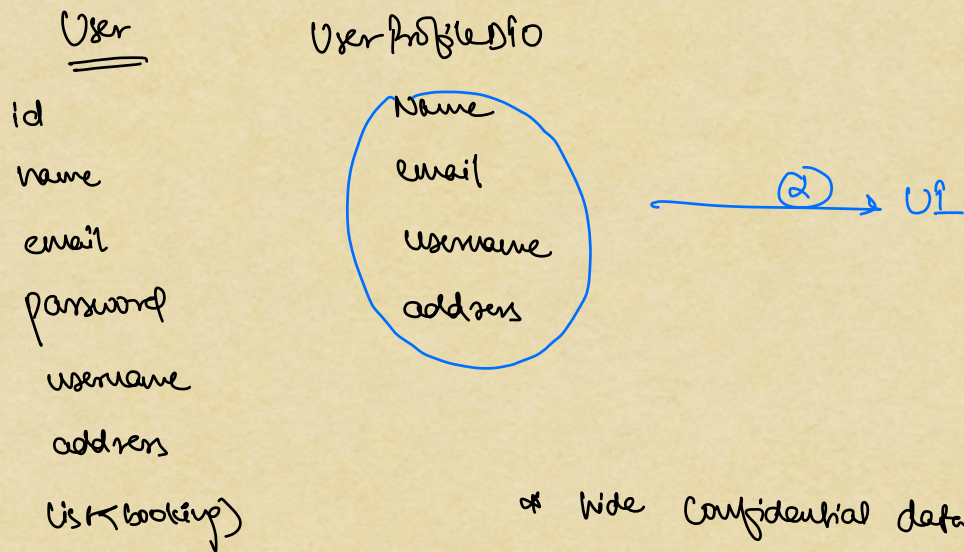


- 1) Code the models
- 11) Dtos for data transfer

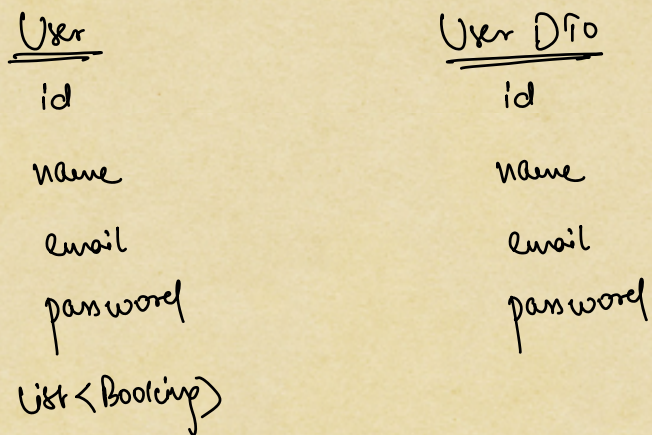
Dtos \Rightarrow Data Transfer Object



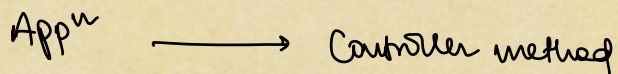
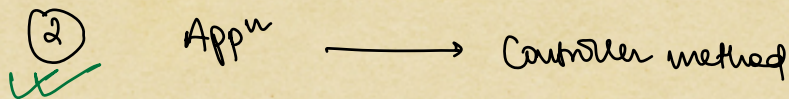
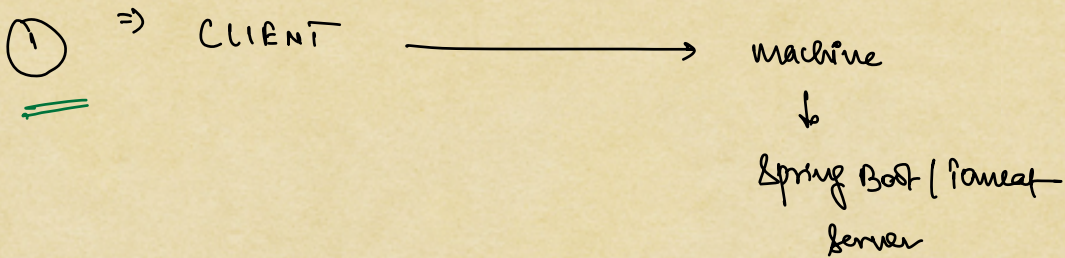
①



- * hide Confidential data
- * reduce payload size
- * maintains a separation b/w
actual model & Dto [transfer object]



- Code the models
- Code the Dtos
- Controller with dummy API
- Service for both flow (DB & 3rd party)



* DispatcherServlet [DS]

* HandlerAdapter

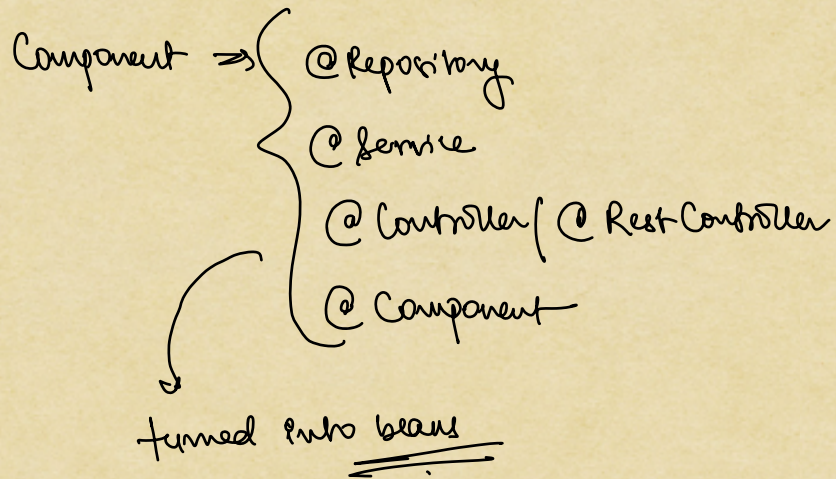
* HandlerMapping

* ControllerAdvice

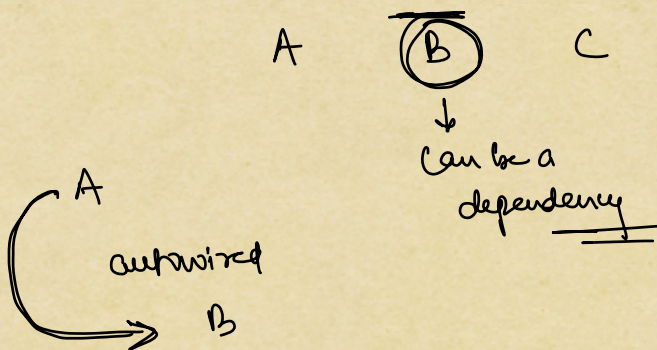
* Filters

* Interceptors

⋮ Application Context :



2 things \rightarrow what is my dependency
 whether a class be a dependency



* DispatcherServlet [OS]



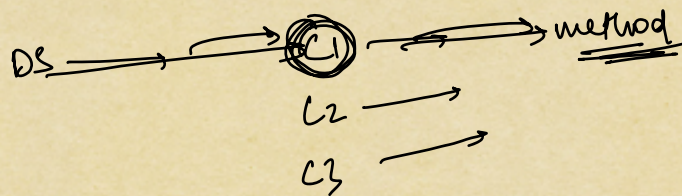
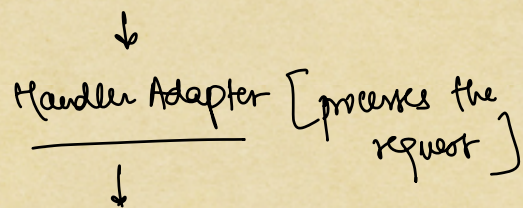
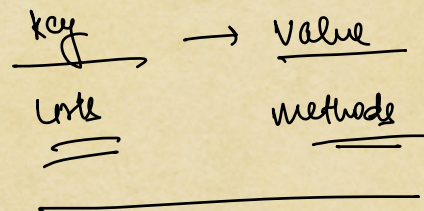
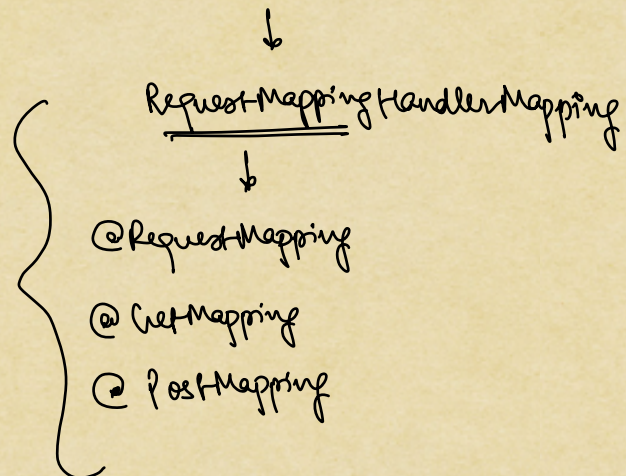
WebApplicationContext



all controller
handler mapper

handler adapter

=> Request Received → DS → Handler Mapping



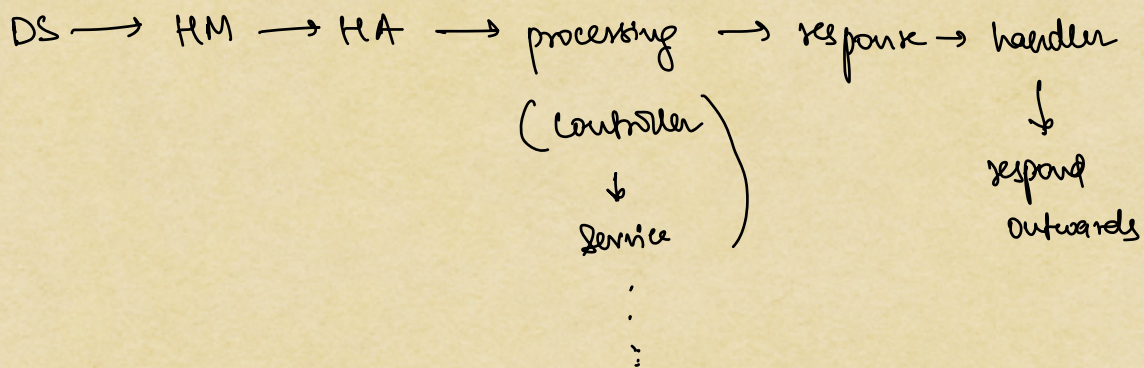
↓

response

↓

global handler

exception ⇒ @Controller Advice



* Filters & Interceptors :-

↓

Authentication

↓

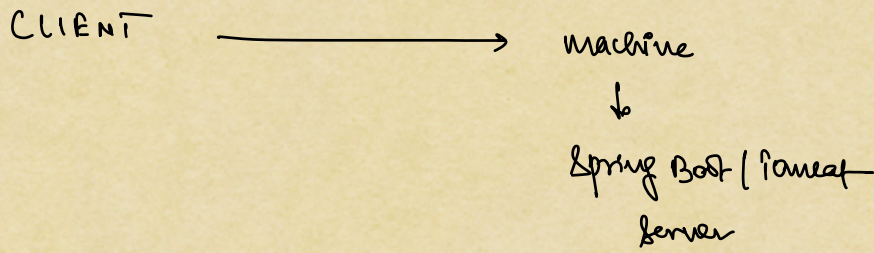
Filters come before DS

↓

* Interceptor :-

↓

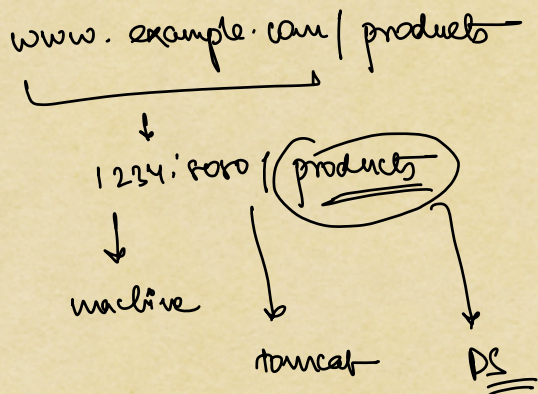
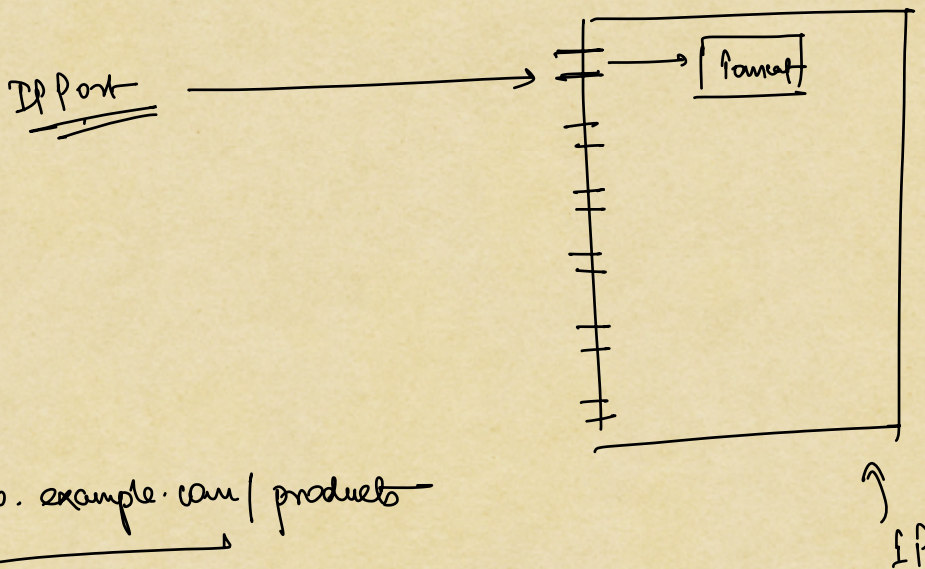
before the request reaches the controllers
we can intercept & act on it.



⇒ IP + Port

domain → IP + Port

Tomcat
↓
process



⇒ RestTemplate

↓

Library to do 3rd party calls