

# SPRINGBOOT WEB SERVICES

webservice - software sys. designed to support interoperable machine-to-machine interaction over a network.

→ Not platform dependent

XML -

JSON -

SOAP services - simple Object Access Protocol.

Rest - Representative state transfer

applicat. properties

logging.level.org.springframework = info

spring.jackson.serialization.write-dates-as-timestamps = false

date is proper format

@PathVariable, @RequestBody, @GetMapping.

→ Retrieve all users - GET /users

→ create a user - POST /users

→ Retrieve one user - GET /users/{id} → user/1

→ Delete a user - DELETE /users/{id} → 4 -

→ Retrieve all posts for a user -

GET /users/{id} /posts

→ create a posts for a User -

POST /users/{id} /posts

→ Retrieve details of a post -

GET /users/{id} /posts/{post-id}

HATEOAS - hyper media as the media as the engine of application state

Internationalization -

① GetMapping (path = "/hello-world-internationalized")  
Public String helloWorldInternationalized (Request  
header (name = "Accept-Language", required = false)  
Locale locale),

& return messageSource.getMessage("good-morning-message", null, locale);

Swagger - one of the popular documentat<sup>n</sup>  
format for restroom service in state

filtering -

① JsonIgnore

② JsonIgnoreProperties (value = {<sup>src</sup>"field1", "field2"})

MappingJacksonValue

Dynamic filtering