Date : 14/09/2020

Spring Boot 7AM

Mr. RAGHU

------------------------------------------------------------------

Autowired:-

https://www.youtube.com/watch?v=-FlszP92JVM&list=PLVlQHNRLflP9XSWeY4x4FLwnL3UOIxnTr&index=13

**Lombok PART-III**

--------------------------------------

\*)Note: If we apply @Data and @\_\_\_\_Constrcutor annotation then @Data will not provide

@RequiredArgsConstructor (Ignored).

Ex#13 To generate 3 constrcutors, sample code is:

@Data

@NoArgsConstructor

@RequiredArgsConstructor

@AllArgsConstructor

public class Product {

@NonNull

private Integer id;

private String code;

private Double amt;

}

Generated code:

public class Product {

private Integer id;

private String code;

private Double amt;

public Product() {

super();

}

public Product(Integer id) {

super();

this.id = id;

}

public Product(Integer id, String code, Double amt) {

super();

this.id = id;

this.code = code;

this.amt = amt;

}

}

Q) How many constrcutors can be generated using Lombok?

A) Lombok supports max - 3 types only

a-Default constrcutors

b-selected variables as param constrcutors

c-all params constrcutors

In case of extra constrcutors, we need to code manually.

===============**Properties File FAQs**==================

Q) How spring container will load any properties file ? (\_\_.properties) using Spring f/w?

A) By using @PropertySource annotation, Spring f/w loads Properties file into Spring container

that create memory called Environment [key-val format].

Spring f/w code:

--abcd.properties--

sid=10

scode=ABC

-------------------

@Configuration

@PrpertySource("classpath:abcd.properties")

public class AppConfig{ ... }

\*)Note: In Spring Boot, @SpringBootApplication provide auto-configuration even for

loading properties file , by default code given like

@PrpertySource("classpath:application.properties")

Q) Can we load other properties file in Spring Boot?

A) Yes. Use @PrpertySource annotaton and load file (at main class)

--sample code--

--abcd.properties-- (src/main/resources)

title=NIT-MANUAL

-----------------

@SpringBootApplication

@PropertySource("classpath:abcd.properties")

public class MainApp { main() {.. } }

Q) Which file is loaded with priority in spring boot for properties concept?

A) We can load multiple properties file externally using Spring code.

But always priority is taken for application.properties file only.

If not exist then Spring boot will search for other files for key matching.

Q) How can we load multiple external properties files in spring boot?

A) By using @PropertySource() annotation only

Syntax:

@PropertySource(

{

"file1.properties",

"file2.properties",

....

}

)

Q) If we have same key in multiple properties file then which one is taken by Spring boot?

A) Always first priority is application.properties.

If not found there, then check in other externally loaded files.

In that files are loaded in configured order.

If same key is present in all files, then last loaded is considered.

Like key-val overridden.

@SpringBootApplication

@PropertySource({

"classpath:abcd.properties", //1st file loaded

"classpath:mno.properties" //2nd file loaded

})

public class MainApp { ... }

----------------------------------

Q) What is the use of @PropertySource and @Value, @ConfigurationProperties?

A) @PropertySource : is used to load properties file into Spring container.

@Value/@ConfigurationProperties is used to read data from Spring container

to our code.

Q) How can we load a properties file from outside of classpath(src/main/resource) folder?

A) use file: inside @PropertySource annotation.

If file is created inside F:/ drive with folder name 'dataa' and file name: abc.properties

@PropertySource("file:F:/dataa/abc.properties")

If file is created inside Project folder (./ = current project folder) and file name mno.properties

@PropertySource("file:./mno.properties")

Q) If same key is provided multiple times with different value in properties file

then which combination is considered?

A) duplicate keys are not-recomanded in Spring boot. If we write then last combination

is loaded.

Q) Are keys case-sensitive in properties file?

A) YES. Keys are case-sensitive.

ex: below keys are different.

code=A

CODE=A

===========================================================================================