

# spring\_boot\_annotation

- description : spring boot annotation
- author :
- email : hylee@repia.com
- lastupdate : 2020-08-21

## Annotation

A

B

C

### @ComponentScan

- @Component @Service, @Repository, @Controller, @Configuration Bean  
Context bean Annotation
- @Component @Repository, @Service, @Controller  
@Repository DAO unchecked exception  
DataAccessException 가 가

### @Configuration

- Configuration @Bean @Autowired

### @ConfigurationProperties

- yml . default classpath:application.properties
- (prefix="mail")

```
mail.host = mailserver@mail.com
mail.port = 9000
mail.defaultRecipients[0] = admin> @il.com
mail.port = 9000
mail.defaultRecipients[0] = admin@mail.com
```

```
mail.defaultRecipients[1] = customer@mail.com
```

## @CookieValue

- 
- 가 500
- required가 default true . false null
- public String view(@CookieValue(value="auth")String auth){...}; key가 auth 가

## @CrossOrigin

- CORS origin AJAX
- @RequestMapping ajax
- @CrossOrigin(origins = "http://jeong-pro.tistory.com", maxAge = 3600)
- http://jeong-pro.tistory.com ajax

## @ControllerAdvice

- ControllerAdvice  
@ExceptionHandler(.class)

## @Cacheable

- 가
- (= )
- @Cacheable(value="cacheKey"), @Cacheable(key="cacheKey")

## @CachePut

- 
- @Cacheable

## @CacheEvict

- 
- 가
- ( ) 가

```
@CacheEvict(value="cacheKey"), @CacheEvict(value="cacheKey", allEntries=true)
```

- allEntries

## @CacheConfig

- 

## D

## E

| @EnableAutoConfiguration

- 
- classpath  
가 setting . tomcat-embed-core.jar가

| @ExceptionHandler(ExceptionClassName.class)

- 

| @EnableEurekaServer

- Eureka

| @EnableDiscoveryClient

- Eureka

## F

## G

| @GetMapping

- @RequestMapping(Method=RequestMethod.GET)
- @PostMapping, @PutMapping, @PatchMapping, @DeleteMapping 가 .

## H

## I

### @InitBinder

- @Valid 가

## J

## K

## L

### @Lazy

- @Component @Bean 가 bean

## M

### @ModelAttribute

- view (VO/DTO) binding
- <input name="id" /> name set

```
class Person{  
    String id;  
    public void setId(String id){ this.id = id;}  
}
```

## N

# O

# P

| @PostConstruct, @PreConstruct

- @PostConstruct / @PreConstruct (pre/post)

| @PreDestroy

- @PreDestroy (pre)

| @PropertySource

- @PropertySource("classpath:/settings.properties") @Resource
- Environment
- Environment

| @PathVariable

- @PathVariable URL { }

# Q

| @Qualifier("id123")

- @Autowired 가
- ( ex) , , , )
- @d 가
- ( ex) , , , , )

# R

| @Required

- setter

| @Resource

- @Autowired 가 Autowired , Resource

| @RequestMapping

- URL 가 mapping
- 
- @RequestMapping("/list"), @RequestMapping("/home, /about");
- @RequestMapping("/admin", method=RequestMethod.GET)

### @ModelAttribute

- Request 가

### @RequestBody

- (JSON XML ) model

### @RequestHeader

- Request header 가
- @RequestHeader(value="Accept-Language")String acceptLanguage ko- KR,ko;q=0.8,en-US;q=0.6 > @RequestParam \* @PathVariable . request parameter 가 > @RequestPart \* Request MultipartFile . \* @RequestPart("file")MultipartFile file . > @ResponseBody \*

```
view가 JSON
http response header가 response body . * return
JACKSON . * context resolver
. (viewResolver) > @RestControllerAdvice * > @ControllerAdvice
+ @ResponseBody . > @ResponseStatus * response code reason
* @ResponseStatus(value = HttpStatus.NOT_FOUND, reason = "my page
URL changed..") =>
==== S ==== > @SpringBootApplication * @Configuration, @EnableAutoConfiguration,
@ComponentScan 3가 . > @SessionAttributes *
* @SessionAttributes("name") Model key
"name" . > @Scheduled * Linux crontab
가 . * @Scheduled(cron = "0 0 07 * * ?") "
( )
==== T ==== > @Transactional *
```

```
*
@Transaction(readOnly=true, rollbackFor=Exception.class) : readOnly
rollbackFor Exception *
@Transaction(noRollbackFor=Exception.class) Exception
* @Transaction(timeout = 10) 10
==== U ====
==== V ==== > @Value * properties 가 . *
@Value("${value.from.file}") * private String valueFromFile;
value.from.file 가 . * spEL
. * @Value("#{systemProperties['priority'] ?: 'some default'}) > @Valid *
```

```
==== W ====
==== X ====
==== Y ====
==== Z ====
```

, [Springboot](#), [annotation](#)

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Last update: **2022/03/10 19:52**

