

# spring\_boot\_annotation

- description : spring boot annotation
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## Annotation

가 .

### A

### B

### C

#### @ComponentScan

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

#### @Configuration

- Configuration @Bean @Autowired
- Spring Batch Job @Configuration

#### @ConfigurationProperties

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

@ExceptionHandler(ExceptionClassName.class)

- 

@EnableEurekaServer

- Eureka

@EnableDiscoveryClient

- Eureka

## F

## G

@GetMapping

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

@GeneratedValue

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

| @PathVariable

- `@PathVariable` URL { }

## Q

| @Qualifier("id123")

- `@Autowired` , 가
- ( `@Qualifier("id123")` ex) , , , )
- `@d` , 가
- ( `@Qualifier("id123")` 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..") ⇒

## @RequiredArgsConstructor

- final , @NonNull
- (Dependent Injection)

## 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}") value.from.file 가
- private String valueFromFile;

- spEL
- @Value("#{systemProperties['priority'] ?: 'some default'})

@Valid

- 

**W**

**X**

**Y**

**Z**

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

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