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   .
  .

> @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

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

@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

-

-   (=   )   .
-   .

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

@CachePut

-
-   .   @Cacheable
                    .

@CacheEvict

-
-   .
-            (   )   .
-   .

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

- allEntries .

@CacheConfig

- .

D

E

@EnableAutoConfiguration

- .
- classpath . tomcat-embed-core.jar
  setting .

@ExceptionHandler(ExceptionClassName.class)

- .

@EnableEurekaServer

- Eureka .

@EnableDiscoveryClient

- Eureka

F

G

@GetMapping

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

H

I

> @InitBinder

- @Valid
  .

J

K

L

> @Lazy

- .
- @Component @Bean 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

- / (pre/post)
  .

@PreDestroy

- (pre) .

@PropertySource

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

@PathVariable

- URL { } .

Q

@Qualifier("id123")

- @Autowired ,

- (ex) , , , ,)
- @d ,

- (ex) , , , ,)

R

@Required

- setter .

@Resource

- @Autowired Autowired , Resource
  .

@RequestMapping

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

@RequestAttribute

- Request   .

@RequestBody

- (JSON   XML   )   model

@RequestHeader

- Request   header   .
- @RequestHeader(value="Accept-Language")String acceptLanguage   ⇒ ko-KR,ko;q=0.8,en-US;q=0.6

@RequestParam

- @PathVariable   . request   parameter   .

@RequestPart

- Request   MultipartFile   .
- @RequestPart("file")MultipartFile file   .

@ResponseBody

- view   JSON
  http response header   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   .
- (Dependenct Injection)   .

S

@SpringBootApplication

- @Configuration, @EnableAutoConfiguration, @ComponentScan 3
  .

@SessionAttributes

-
- @SessionAttributes("name") Model key "name"
  .

@Scheduled

- Linux crontab .
- @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 .
- @Value("${value.from.file}")
- private String valueFromFile; value.from.file
  .
- spEL .
- @Value(#{systemProperties['priority'] ?: 'some default'})

@Valid

- .

W

X

Y

Z

, Springboot, annotation