spring_boot_annotation

• description : spring boot annotation

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Annotation

Α

В

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@ComponentScan

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

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```
- setter
@Qualifier("id123")
- @Autowired
                                              가
                          ex)
@Resource
- @Autowired
                   가
                                                          Autowired
                                                                              , Resource
@PostConstruct, @PreConstruct
                                                                (pre/post)
@PreDestroy
                   (pre)
@PropertySource
                      Environment
        @PropertySource("classpath:/settings.properties")
                                                                               @Resource
Environment
@ConfigurationProperties
- yaml
                . default
                           classpath:application.properties
                                     (prefix="mail")
mail.host = mailserver@mail.com
mail.port = 9000
mail.defaultRecipients[0] = admin@mail.com
mail.defaultRecipients[1] = customer@mail.com
@Lazy
@Component
                                                     가
               @Bean
                                                                                  bean
@Value
- properties
                    가
```

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```
@Value("${value.from.file}")
private String valueFromFile;
                                                  value.from.file
                                                                       가
spEL
@Value(#{systemProperties['priority'] ?: 'some default'})
@SpringBootApplication
- @Configuration, @EnableAutoConfiguration, @ComponentScan 3가
@RequestMapping
                       가
      URL
                                   mapping
@RequestMapping("/list"), @RequestMapping("/home, /about");
@RequestMapping("/admin", method=RequestMethod.GET)
@CookieValue
        가
                           500
                                                                                null
        required가
                          default true . false
public String view(@CookieValue(value="auth")String auth){...};
                                                                   key 가 auth
가
      @CrossOrigin - CORS
                                                                     origin
AJAX
                          . @RequestMapping
                     . @CrossOrigin(origins = "http://jeong-pro.tistory.com", maxAge = 3600) →
ajax
           http://jeong-pro.tistory.com
                                                                       . @ModelAttribute - view
                                                  ajax
                                                        binding
                                (VO/DTO)
<input name="id" />
                                     name
                                                                                       set
                   . class Person { String id; public void setId(String id) { this.id = id;} }
@GetMapping - @RequestMapping(Method=RequestMethod.GET)
                                                                    @PostMapping,
@PutMapping, @PatchMapping, @DeleteMapping
                                                     가
                                                           . @SessionAttributes -
                         @SessionAttributes("name")
                                                                Model key
                                                                                 "name"
                                      . @Valid -
                                                                     가
@InitBinder - @Valid
                                                                     가
               . @RequestAttribute - Request
@RequestBody -
                               (JSON
                                                                   model
                                         XML
                                              가
      @RequestHeader - Request header
@RequestHeader(value="Accept-Language")String acceptLanguage
                                                                       ko-KR,ko;q=0.8,en-
US;q=0.6
@RequestParam
```

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- @PathVariable . request parameter 가 .	
@RequestPart	
- Request MultipartFile .	
@RequestPart("file")MultipartFile file .	
@ResponseBody	
- view가 JSON response header가 response body .	http
return JACKSON .	
context resolver . (viewResolver)	
@PathVariable	
- URL { } .	
@ExceptionHandler(ExceptionClassName.class)	
-	
@ControllerAdvice	
- ControllerAdvice @ExceptionHandler(.class) .	
@RestControllerAdvice	
- @ControllerAdvice + @ResponseBody .	
@ResponseStatus	
- response code reason	
@ResponseStatus(value = HttpStatus.NOT_FOUND, reason = "my page URL changed") \Rightarrow	
@EnableEurekaServer	
- Eureka .	
@EnableDiscoveryClient	
- Eureka	
@Transactional	

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```
@Transaction(readOnly=true, rollbackFor=Exception.class) : readOnly
rollbackFor
                 Exception
@Transaction(noRollbackFor=Exception.class)
                                                 Exception
@Transaction(timeout = 10)
@Cacheable
                           가
                                               (=
@Cacheable(value="cacheKey"), @Cacheable(key="cacheKey")
@CachePut
                                                       @Cacheable
@CacheEvict
                   가
@CacheEvict(value="cacheKey"), @CacheEvict(value="cacheKey", allEntries=true)
allEntries
@CacheConfig
@Scheduled
                      가
- Linux crontab
@Scheduled(cron = "0 0 07 * * ?") "
                                                          )
            , Springboot, annotation
```

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