spring_boot_annotation

- description : spring boot annotation
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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
  .

> @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 . <code java> class Person{ String id; public void setId(String id){ this.id = id;} } </code>

==== 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..") ⇒
  .

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](#)