

초격차 패키지 Online.

# 비즈니스 로직 구현

## PART1 | @Service 이해

비즈니스 로직 구현의 시작

## PART2 | Validation

입력값을 검증하는 똑똑한 방법

## PART3 | 오류 처리

발생 가능한 문제 상황에 대비하기

## PART4 | Spring Boot Properties

서비스 구현에 유용한 프로퍼티를 찾아보기

## PART5 | 비즈니스 로직의 테스트

스프링의 테스트 지원과 목킹을 활용하기

# 비즈니스 로직 구현

## 4 Spring Boot Properties

## Spring Boot Properties

### 4. Spring Boot Properties

평소 실무에서 자주 등장하거나 유용한 프로퍼티를 알아보자

## Spring Boot Properties

# 4.

## Spring Boot Properties

### logging

- debug
- trace
- logging.level.원하는.패키지.이름
- ex: logging.level.com.uno.getinline=debug

<a href="#">logging.logback.rollingpolicy.clean-history-on-start</a>	Whether to clean the archive log files on startup.	FALSE
<a href="#">logging.logback.rollingpolicy.file-name-pattern</a>	Pattern for rolled-over log file names.	\${LOG_FILE}.%d{yyyy-MM-dd}.%i.gz
<a href="#">logging.logback.rollingpolicy.max-file-size</a>	Maximum log file size.	10MB
<a href="#">logging.logback.rollingpolicy.max-history</a>	Maximum number of days archive log files are kept.	7
<a href="#">logging.logback.rollingpolicy.total-size-cap</a>	Total size of log backups to be kept.	0B

# Spring Boot Properties

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Spring Boot  
Properties

## banner

<a href="#">spring.banner.charset</a>	Banner file encoding.	UTF-8
<a href="#">spring.banner.image.bitdepth</a>	Bit depth to use for ANSI colors. Supported values are 4 (16 color) or 8 (256 color).	4
<a href="#">spring.banner.image.height</a>	Height of the banner image in chars (default based on image height).	
<a href="#">spring.banner.image.invert</a>	Whether images should be inverted for dark terminal themes.	FALSE
<a href="#">spring.banner.image.location</a>	Banner image file location (jpg or png can also be used).	classpath:banner.gif
<a href="#">spring.banner.image.margin</a>	Left hand image margin in chars.	2
<a href="#">spring.banner.image.pixelmode</a>	Pixel mode to use when rendering the image.	TEXT
<a href="#">spring.banner.image.width</a>	Width of the banner image in chars.	76
<a href="#">spring.banner.location</a>	Banner text resource location.	classpath:banner.txt

## Spring Boot Properties

### 4. Spring Boot Properties

### config

- spring.config.activate.on-profile
  - spring.profiles 가 deprecated 되었으니 주의
- spring.config.import
- spring.config.use-legacy-processing

## Spring Boot Properties

### 4. Spring Boot Properties

### main

- spring.main.banner-mode
- spring.main.lazy-initialization

# Spring Boot Properties

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Spring Boot Properties

## json

<a href="#">spring.jackson.date-format</a>	Date format string or a fully-qualified date format class name. For instance, `yyyy-MM-dd HH:mm:ss`.	
<a href="#">spring.jackson.default-property-inclusion</a>	Controls the inclusion of properties during serialization. Configured with one of the values in Jackson's JsonInclude.Include enumeration.	
<a href="#">spring.jackson.deserialization.*</a>	Jackson on/off features that affect the way Java objects are deserialized.	
<a href="#">spring.jackson.generator.*</a>	Jackson on/off features for generators.	
<a href="#">spring.jackson.locale</a>	Locale used for formatting.	
<a href="#">spring.jackson.mapper.*</a>	Jackson general purpose on/off features.	
<a href="#">spring.jackson.parser.*</a>	Jackson on/off features for parsers.	
<a href="#">spring.jackson.property-naming-strategy</a>	One of the constants on Jackson's PropertyNamingStrategies. Can also be a fully-qualified class name of a PropertyNamingStrategy implementation.	
<a href="#">spring.jackson.serialization.*</a>	Jackson on/off features that affect the way Java objects are serialized.	
<a href="#">spring.jackson.time-zone</a>	Time zone used when formatting dates. For instance, "America/Los_Angeles" or "GMT+10".	



# Spring Boot Properties

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Spring Boot Properties

## json

<a href="#">spring.gson.date-format</a>	Format to use when serializing Date objects.	
<a href="#">spring.gson.disable-html-escaping</a>	Whether to disable the escaping of HTML characters such as '<', '>', etc.	
<a href="#">spring.gson.disable-inner-class-serialization</a>	Whether to exclude inner classes during serialization.	
<a href="#">spring.gson.enable-complex-map-key-serialization</a>	Whether to enable serialization of complex map keys (i.e. non-primitives).	
<a href="#">spring.gson.exclude-fields-without-expose-annotation</a>	Whether to exclude all fields from consideration for serialization or deserialization that do not have the "Expose" annotation.	
<a href="#">spring.gson.field-naming-policy</a>	Naming policy that should be applied to an object's field during serialization and deserialization.	
<a href="#">spring.gson.generate-non-executable-json</a>	Whether to generate non executable JSON by prefixing the output with some special text.	
<a href="#">spring.gson.lenient</a>	Whether to be lenient about parsing JSON that doesn't conform to RFC 4627.	
<a href="#">spring.gson.long-serialization-policy</a>	Serialization policy for Long and long types.	
<a href="#">spring.gson.pretty-printing</a>	Whether to output serialized JSON that fits in a page for pretty printing.	
<a href="#">spring.gson.serialize-nulls</a>	Whether to serialize null fields.	

## Spring Boot Properties

### 4. Spring Boot Properties

### web

- `spring.hateoas.use-hal-as-default-json-media-type`
- `spring.mvc.converters.preferred-json-mapper`
- `spring.mvc.format.date`
- `spring.mvc.format.date-time`
- `spring.mvc.format.time`
- `spring.mvc.view.prefix`
- `spring.mvc.view.suffix`

# Spring Boot Properties

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## web (servlet.multipart)

<a href="#">spring.servlet.multipart.enabled</a>	Whether to enable support of multipart uploads.	TRUE
<a href="#">spring.servlet.multipart.file-size-threshold</a>	Threshold after which files are written to disk.	0B
<a href="#">spring.servlet.multipart.location</a>	Intermediate location of uploaded files.	
<a href="#">spring.servlet.multipart.max-file-size</a>	Max file size.	1MB
<a href="#">spring.servlet.multipart.max-request-size</a>	Max request size.	10MB
<a href="#">spring.servlet.multipart.resolve-lazily</a>	Whether to resolve the multipart request lazily at the time of file or parameter access.	

## Spring Boot Properties

### 4. Spring Boot Properties

### server

- server.error.whitelabel.enabled
- server.port
- http encoding, session, ssl, tomcat ...

## Spring Boot Properties

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- security
- actuator
- devtools

## Reference

### 4. Spring Boot Properties

- <https://docs.spring.io/spring-boot/docs/current/reference/html/application-properties.html>