

초격차 패키지 Online.

실무를 고급지게 만들어주는 기능들

PART1 | Lombok 입문

아니 이걸 몰라?

PART2 | Spring Configuration Processor

설정값을 문서화해보자

PART3 | Spring Cache Abstraction

프로젝트 속도를 높이는 보편적 방법

PART4 | Vault Configuration

프로젝트 암호를 더 안전하게 보관하는 최신 트렌드

실무를 고급지게 만들어주는 기능들


2 Spring Configuration Processor

외부 설정의 문서화


2. Spring Configuration Processor

```
spring.web.locale=ko_KR
```


```
spring.web.locale=ko_KR
```

 **spring.web.locale**
java.util.Locale

Locale to use. By default, this locale is overridden by the "Accept-Language" header.

 Gradle:
org.springframework.boot:spring-boot-autoconfigure:2.5.2

```
spring.web.locale=ko_KR
```

 ko_KR

ko

af

af_NA

af_ZA

agq

agq_CM

ak

ak_GH

am

am_ET

ar

ar_001

ar_AE

ar_BH

ar_DJ

ar_DZ

ar_EG

외부 설정의 문서화

2. Spring Configuration Processor

```
spring.web.locale=ko_KR  
my.height=180
```

```
spring.web.locale=ko_KR  
my.height=180
```

```
Cannot resolve configuration property 'my.height'  
Define configuration key 'my.height' ⌘⇧⌘ More actions...
```

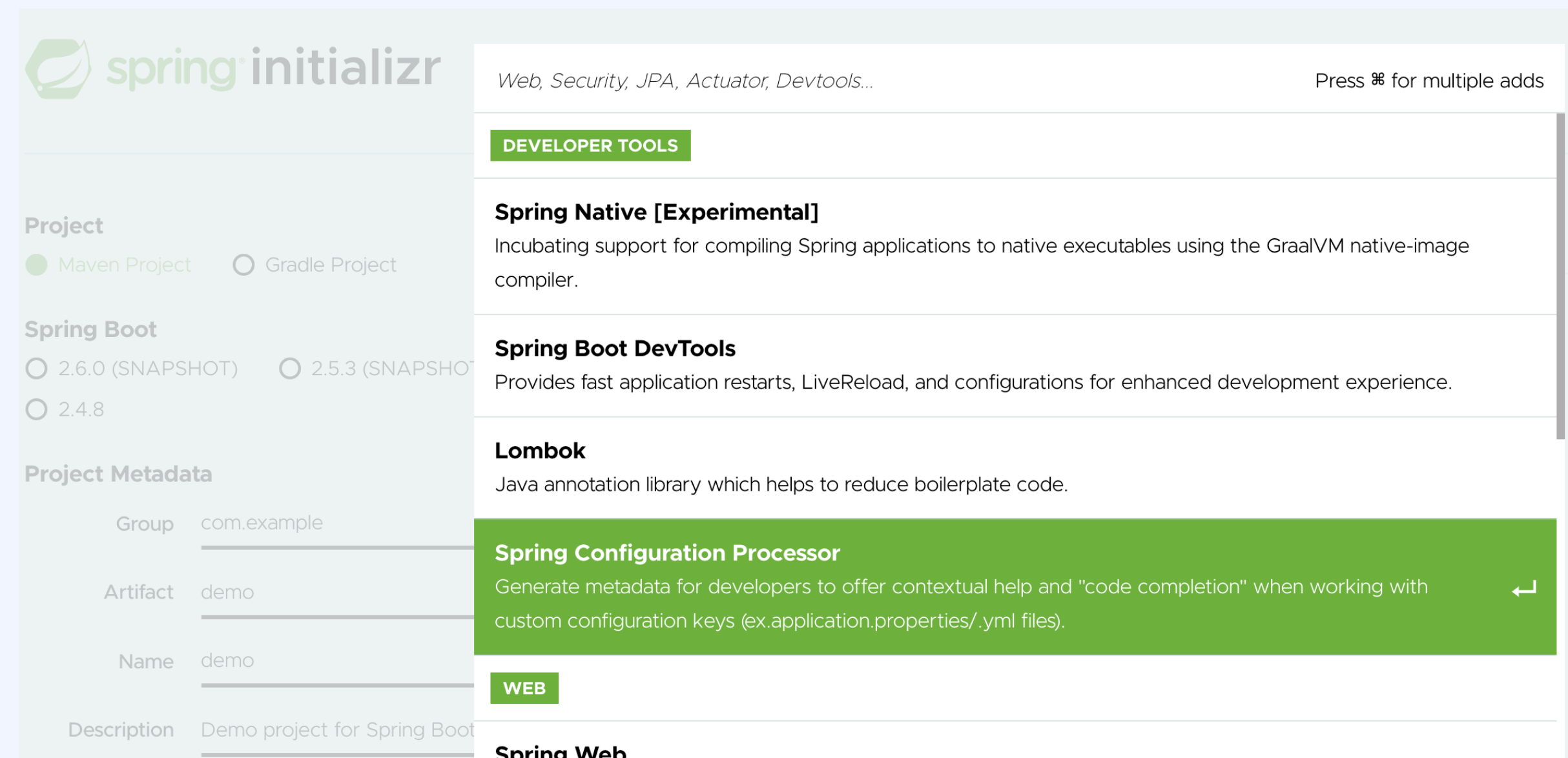
```
my.height="180" [application.properties]
```

spring-boot-configuration-processor

2. Spring Configuration Processor

Spring Configuration Processor


- application.properties/.yaml 파일에 넣는 커스텀 설정의 자동 완성, 도움말 등을 지원
- <https://docs.spring.io/spring-boot/docs/current/reference/html/configuration-metadata.html>



spring-boot-configuration-processor

2. Spring Configuration Processor

build.gradle 설정

 **spring** initializr

Project
☐ Maven Project
☒ Gradle Project

Language
☒ Java ☐ Kotlin
☐ Groovy

Spring Boot
☐ 2.6.0 (SNAPSHOT) ☐ 2.5.3 (SNAPSHOT)
☒ 2.5.2 ☐ 2.4.9 (SNAPSHOT) ☐ 2.4.8

Project Metadata

Group

com.example

Artifact

demo

Dependencies

ADD ... ⌘ + B

Lombok **DEVELOPER TOOLS**

Java annotation library which helps to reduce boilerplate code.

Spring Configuration Processor **DEVELOPER TOOLS**

Generate metadata for developers to offer contextual help and "code completion" when working with custom configuration keys (ex.application.properties/.yml files).

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spring-boot-configuration-processor

2. Spring Configuration Processor

build.gradle 설정

```
dependencies {  
    implementation 'org.springframework.boot:spring-boot-starter'  
    compileOnly 'org.projectlombok:lombok'  
    annotationProcessor 'org.springframework.boot:spring-boot-configuration-processor'  
    annotationProcessor 'org.projectlombok:lombok'  
    testImplementation 'org.springframework.boot:spring-boot-starter-test'  
}
```

spring-boot-configuration-processor

2. Spring Configuration Processor

```
spring.web.locale=ko_KR  
my.height=180
```

```
spring.web.locale=ko_KR  
my.  
my.height (제 키예요) Integer my.height  
Integer  
Press ⇐ to insert, → to replace  
제 키예요.  
spring-boot-practice
```

```
@Getter  
@ConstructorBinding  
@ConfigurationProperties("my")  
public class MyProperties {  
  
    /** 제 키예요. */  
    private final Integer height;  
  
    public MyProperties(Integer height) {  
        this.height = height;  
    }  
}
```


spring-boot-configuration-processor

2. Spring Configuration Processor

```
spring.web.locale=ko_KR
my.height=180
```

```
spring.web.locale=ko_KR
my.
my.height (제 키예요) Integer
Press ↵ to insert, ⇧ to replace
```

my.height	Integer
제 키예요.	
Values:	
160	작은 키
170	적당한 키
180	큰 키
spring-boot-practice.mai	

```
my.height=
```

- 160 (작은 키)
- 170 (적당한 키)
- 180 (큰 키)

Press ↵ to insert, ⇧ to replace

```
@Getter
@ConstructorBinding
@ConfigurationProperties("my")
public class MyProperties {

    /** 제 키예요. */
    private final Integer height;

    public MyProperties(Integer height) {
        this.height = height;
    }
}
```

```
compileJava {
    inputs.files(processResources)
}
```

```
resources
└─ META-INF
    └─ additional-spring-configuration-metadata.json
static
templates
application.properties
```

```
{
  "properties": [
    {
      "name": "my.height",
      "type": "java.lang.Integer"
    }
  ],
  "hints": [
    {
      "name": "my.height",
      "values": [
        {
          "value": 160,
          "description": "작은 키."
        },
        {
          "value": 170,
          "description": "적당한 키."
        },
        {
          "value": 180,
          "description": "큰 키."
        }
      ]
    }
  ]
}
```