



VS



Spring과 Spring boot의 차이점



자바 플랫폼을 위한 오픈소스 애플리케이션 프레임워크

그런데 왜 이름이 **Spring**이지?

Whatever happened next, the framework needed a name. In the book it was referred to as the “Interface21 framework” (at that point it used com.interface21 package names), but that was not a name to inspire a community. Fortunately Yann stepped up with a suggestion: “Spring”. His reasoning was association with nature (having noticed that I'd trekked to Everest Base Camp in 2000); and the fact that Spring represented a fresh start after the “winter” of traditional J2EE. We recognized the simplicity and elegance of this name, and quickly agreed on it.

개발자들의 겨울은 끝났다!

```
PetClinicApplication.java x OwnerController.java x findOwners.html x Owner.java x OwnerRepository.java x pom.xml x
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xmlns="http://maven.apache.org/POM/4.0.0"
4   xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/maven-v4_0_0.xsd">
5   <modelVersion>4.0.0</modelVersion>
6   <groupId>org.springframework.samples</groupId>
7   <artifactId>spring-petclinic</artifactId>
8   <version>2.2.0.BUILD-SNAPSHOT</version>
9
10  <parent>
11    <groupId>org.springframework.boot</groupId>
12    <artifactId>spring-boot-starter-parent</artifactId>
13    <version>2.2.1.RELEASE</version>
14  </parent>
15  <name>petclinic</name>
16
17  <properties>
18
19    <!-- Generic properties -->|
20    <java.version>1.8</java.version>
21    <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
22    <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
23
24    <!-- Web dependencies -->
25    <webjars-bootstrap.version>3.3.6</webjars-bootstrap.version>
26    <webjars-jquery-ui.version>1.11.4</webjars-jquery-ui.version>
27    <webjars-jquery.version>2.2.4</webjars-jquery.version>
28    <wro4j.version>1.8.0</wro4j.version>
29
30    <jacoco.version>0.8.5</jacoco.version>
31  </properties>
</project>
```

아직 춥다...

```
PetClinicApplication.java x OwnerController.java x findOwners.html x Owner.java x OwnerRepository.java x pom.xml x
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<plugin>
  <groupId>org.springframework.boot</groupId>
  <artifactId>spring-boot-maven-plugin</artifactId>
  <executions>
    <execution>
      <!-- Spring Boot Actuator displays build-related information
      if a META-INF/build-info.properties file is present -->
      <goals>
        <goal>build-info</goal>
      </goals>
      <configuration>
        <additionalProperties>
          <encoding.source>${project.build.sourceEncoding}</encoding.source>
          <encoding.reporting>${project.reporting.outputEncoding}</encoding.reporting>
          <java.source>${maven.compiler.source}</java.source>
          <java.target>${maven.compiler.target}</java.target>
        </additionalProperties>
      </configuration>
    </execution>
  </executions>
</plugin>
<plugin>
  <groupId>org.jacoco</groupId>
  <artifactId>jacoco-maven-plugin</artifactId>
  <version>${jacoco.version}</version>
  <executions>
    <execution>
      <goals>
        <goal>prepare-agent</goal>
      </goals>
    </execution>
  </executions>
</plugin>
```



꽃샘추위



조금 더 봄

1. dependency

```
<dependency>  
  <groupId>org.springframework</groupId>  
  <artifactId>spring-web</artifactId>  
  <version>4.1.6.RELEASE</version>  
</dependency>
```

The logo for MVNREPOSITORY, featuring the text "MVNREPOSITORY" in a bold, blue, sans-serif font. The letters are slightly shadowed, giving it a 3D appearance. The logo is set against a light blue rectangular background with rounded corners.

2. 설정 기본제공

STARTER	DEPENDENCIES
spring-boot-starter	spring-boot, spring-context, spring-beans
spring-boot-starter-jersey	jersey-container-servlet-core, jersey-container-servlet, jersey-server
spring-boot-starter-actuator	spring-boot-actuator, micrometer-core
spring-boot-starter-aop	spring-aop, aspectjrt, aspectjweaver
spring-boot-starter-data-rest	spring-hateoas, spring-data-rest-webmvc
spring-boot-starter-hateoas	spring-hateoas
spring-boot-starter-logging	logback-classic, jcl-over-slf4j, jul-to-slf4j
spring-boot-starter-log4j2	log4j2, log4j-slf4j-impl
spring-boot-starter-security	spring-security-web, spring-security-config



New Spring Starter Project



Service URL:

Name:

☒ Use default location

Location:

Type: Packaging:

Java Version: Language:

Group:

Artifact:

Version:

Description:

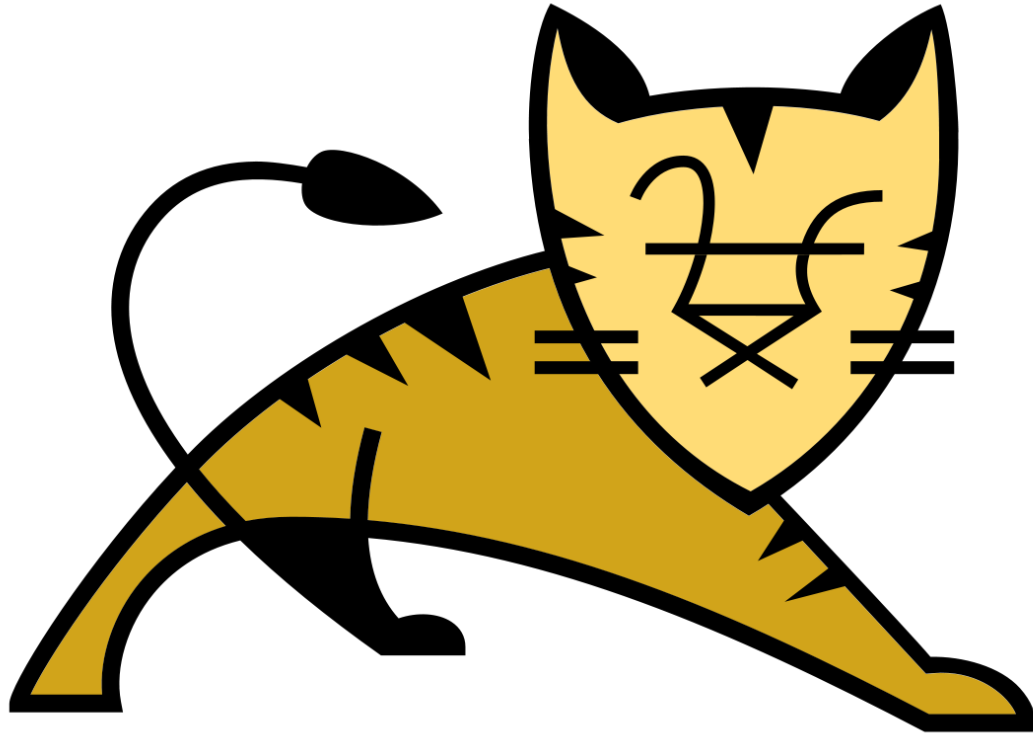
Package:

Working sets

☐ Add project to working sets

Working sets:

3. 내장 서버



jetty://



Q&A