

Spring Boot ile İlk Uygulama

Giriş Noktası

```
package com.javaegitimleri.petclinic;
```

```
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;
```

```
@SpringBootApplication
```

```
public class PetClinicApplication {
```

```
    public static void main(String[] args) {
```

```
        SpringApplication.run(PetClinicApplication.class, args);
```

```
    }
```

```
}
```

```
[2m2018-02-13 19:02:38.582[0;39m [32m INFO[0;39m [35m24201[0;39m [2m---[0;39m [2m[  
[2m:[0;39m Tomcat started on port(s): 8080 (http)  
[2m2018-02-13 19:02:38.583[0;39m [32mDEBUG[0;39m [35m24201[0;39m [2m---[0;39m [2m[  
[2m:[0;39m Adding PropertySource 'server.ports' with highest search precedence  
[2m2018-02-13 19:02:38.586[0;39m [32m INFO[0;39m [35m24201[0;39m [2m---[0;39m [2m[  
[0;39m Started PetClinicApplication in 1.693 seconds (JVM running for 2.06)
```

```
main][0;39m [36ms.b.c.e.t.TomcatEmbeddedServletContainer[0;39m  
main][0;39m [36mo.s.w.c.s.StandardServletEnvironment [0;39m  
main][0;39m [36mc.j.petclinic.PetClinicApplication [0;39m [2m:
```

Uygulamaya Erişim

<http://localhost:8080/actuator/health> adresine bir istek gönderilirse cevap şu şekilde olmalıdır:

```
{"status": "UP"}
```

@SpringBootApplication Ne İşe Yarar?

```
@Target(ElementType.TYPE)  
@Retention(RetentionPolicy.RUNTIME)  
@Documented  
@Inherited
```

```
@SpringBootConfiguration
```

```
@EnableAutoConfiguration
```

```
@ComponentScan(excludeFilters = {
```

```
@Filter(type = FilterType.CUSTOM, classes = TypeExcludeFilter.class),  
@Filter(type = FilterType.CUSTOM, classes =  
AutoConfigurationExcludeFilter.class) })  
public @interface SpringBootApplication {  
  
    ...
```

@SpringBootConfiguration

Ne İşe Yarar?

```
@Target(ElementType.TYPE)  
@Retention(RetentionPolicy.RUNTIME)  
@Documented
```

```
@Configuration
```

```
public @interface SpringBootConfiguration {  
  
}
```

@Configuration Ne İşe Yarar?

```
@Target(ElementType.TYPE)  
@Retention(RetentionPolicy.RUNTIME)  
@Documented
```

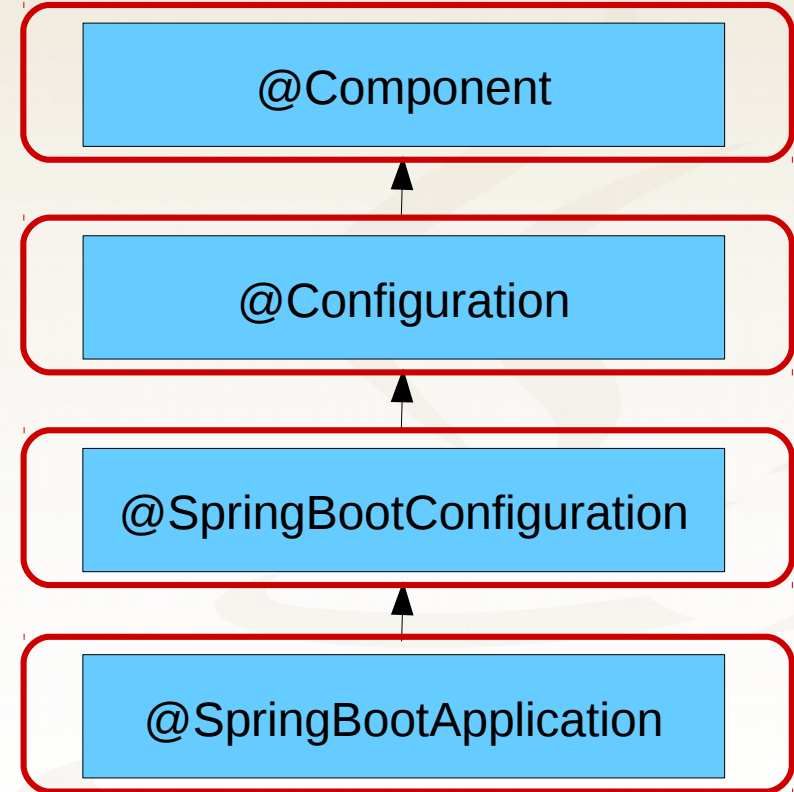
```
@Component
```

```
public @interface Configuration {  
  
    ...  
  
}
```


@Component Ne İşe Yarar?

```
@Target(ElementType.TYPE)  
@Retention(RetentionPolicy.RUNTIME)  
@Documented
```

```
public @interface Component {  
    ...  
}
```



@ComponentScan

Spring Framework'e ait @Component, @Controller, @Service, @Repository, @Configuration gibi anotasyonlara sahip sınıfları tespit ederek bunlardan **bean oluşturmayı** sağlar

@EnableAutoConfiguration

- Spring Boot uygulamasında yaratılacak olan **ApplicationContext**'in otomatik olarak konfigürasyonunu sağlar
- Classpath'de tespit ettiği Spring Boot kabiliyetlerini devreye alan **auto-configuration** sınıflarını yükler
- @EnableAutoConfiguration anotasyonunu barındıran sınıfının **bulunduğu paket** özel öneme sahiptir



Kurumsal Java Eğitimleri



www.java-egitimleri.com



help@java-egitimleri.com



github.com/javaegitimleri/springboot-petclinic



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