

FAQ: Constructor Injection - Autowired Optional?

Question

I have finished the video "Constructor Injection - Writing Code part2".

I have commented the Autowired annotation. But still it worked. How did it work?

```
1.      //@Autowired
2.      public TennisCoach(FortuneService theFortuneService) {
3.          System.out.println(" theFortuneService " + theFortuneService);
4.          fortuneService = theFortuneService;
5.      }
```

===

Answer

This is a new feature of Spring 4.3.

Here is the snippet from the Spring Docs.

Section 1.9.2: Autowired

As of Spring Framework 4.3, an `@Autowired` annotation on such a constructor is no longer necessary if the target bean only defines one constructor to begin with. However, if several constructors are available, at least one must be annotated to teach the container which one to use.

I personally prefer to use the `@Autowired` annotation because it makes the code more readable. But as mentioned, the `@Autowired` is not required for this scenario.

See link to the docs.

<https://docs.spring.io/spring/docs/current/spring-framework-reference/core.html#beans-autowired-annotation>

Resources for this lecture

- [Constructor Injection - Autowired](#)