

FAQ: Why do we specify the Coach interface in getBean()?

Question

Why do we specify the Coach interface in getBean()?

For example:

```
Coach theCoach = context.getBean("myCoach", Coach.class);
```

Answer

When we pass the interface to the method, behind the scenes Spring will cast the object for you.

```
context.getBean("myCoach", Coach.class)
```

However, there are some slight differences than normal casting.

From the Spring docs:

Behaves the same as `getBean(String)`, but provides a measure of type safety by throwing a `BeanNotOfRequiredTypeException` if the bean is not of the required type. This means that `ClassCastException` can't be thrown on casting the result correctly, as can happen with `getBean(String)`.

Source: <http://docs.spring.io/spring-framework/docs/current/javadoc-api/org/springframework/beans/factory/BeanFactory.html#getBean-java.lang.String-java.lang.Class->