

Spring Core – Annotations

Presented by





## **Annotations**

Annotations are instructions to the compiler

Meta data / data about code

@Override

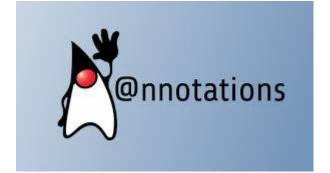
Checks that the method is an override.

```
Ex:
@Override
public String toString() {
    return "Welcome !";
}
```

@SuppressWarnings

Instructs the compiler to suppress the compile time





## @Autowired

@Autowired annotation is used to inject a bean automatically with out using ref attribute

Normal configuration:



## @Autowired...

#### With @Autowired

```
<bean id="emp" class="Employee">
   property name="firstname" value="Kumar">
</bean>
<bean id="address" class="Address">
   </bean>
Employee class
@Autowired
 public void setAddress(Address address) {
   this.address = address;
```





# @Component

@Component annotation marks a java class as a bean

So spring container can pick it up and pull it into the application

Called as component-scanning.

## No need of configuring it

```
Ex:

@Component
public class Employee {
}
```

\*\* Example



# @Qualifier

### @Qualifier

To Select a specific component bean of same type with autowired dependency

In the Profile class:

- @Autowired
- @Quaifier("student1")





