

# **AutowiredAnnotationBeanPostProcessor**

The `AutowiredAnnotationBeanPostProcessor` and `CommonAnnotationBeanPostProcessor` are both bean post-processors in the Spring Framework that perform specific tasks related to dependency injection and annotation processing.

## 1. **`AutowiredAnnotationBeanPostProcessor`**:

- It is responsible for processing the `@Autowired` annotation, which is used for automatic dependency injection.
- When Spring initializes beans, this post-processor scans for fields and methods annotated with `@Autowired` and injects the appropriate dependencies into them.
- It works with constructor injection, field injection, and method injection.

## 2. **`CommonAnnotationBeanPostProcessor`**:

- It is responsible for processing common annotations such as `@Resource`, `@PostConstruct`, and `@PreDestroy`.
- The `@Resource` annotation is used for dependency injection by name, allowing you to inject a specific bean by its name.
- The `@PostConstruct` and `@PreDestroy` annotations are used to specify methods that should be invoked after bean initialization and before bean destruction, respectively.
- This post-processor ensures that beans are initialized and destroyed correctly according to these annotations.

In summary, both post-processors play important roles in Spring's dependency injection mechanism and lifecycle management by handling specific annotations related to bean wiring and lifecycle management.