

# @ComponentScan

## ► Component Scanning

Process in which Spring is scanning Classpath in search for classes annotated with stereotypes annotations (@Component, @Repository, @Service, @Controller, ...) and based on those creates beans definitions.

## ► Simple component scanning within Configuration package and all subpackages

```
@ComponentScan  
public class ApplicationConfiguration {  
}
```

## ► Advanced Component Scanning Rules

```
@ComponentScan(  
    basePackages = "com.spring.professional.exam.tutorial.module01.question15.advanced.beans",  
    includeFilters = @ComponentScan.Filter(type = FilterType.REGEX, pattern = ".*Bean"),  
    excludeFilters = @ComponentScan.Filter(type = FilterType.REGEX, pattern = ".*(Controller|Service).*")  
)  
public class ApplicationConfiguration {  
}
```

