



# Spring Configuration Options

# Spring Configuration Options

- XML Based Configuration
  - Introduced in Spring Framework 2.0
  - Common in legacy Spring Applications
  - Still supported in Spring Framework 5.x

# Spring Configuration Options

- Annotation Based Configuration
  - Introduced in Spring Framework 3
  - Picked up via 'Component Scans'
  - Refers to class level annotations
    - @Controller, @Service, @Component, @Repository

# Spring Configuration Options

- Java Based Configuration
  - Introduced in Spring Framework 3.0
  - Uses Java Classes to define Spring Beans
  - Configuration classes are defined with `@Configuration` annotation
  - Beans are declared with `@Bean` annotation

# Spring Configuration Options

- Groovy Bean Definition DSL Configuration
  - Introduced in Spring Framework 4.0
  - Allows you to declare beans in Groovy
  - Borrowed from Grails

# Which to Use?

- You can use a combination of all methods
- They will work seamlessly together to define beans in the Spring Context
- Industry trend is to favor Java based configuration

