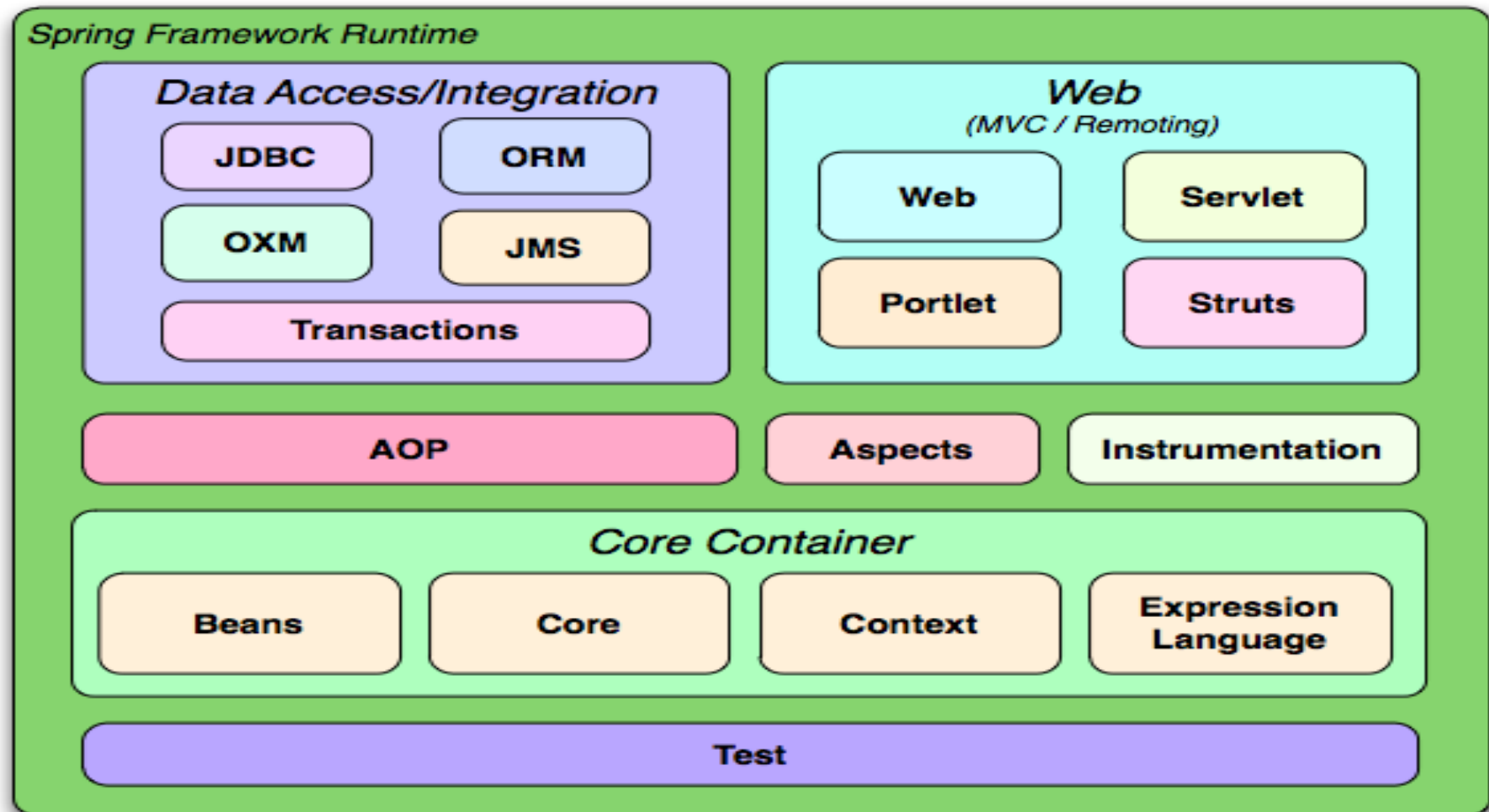


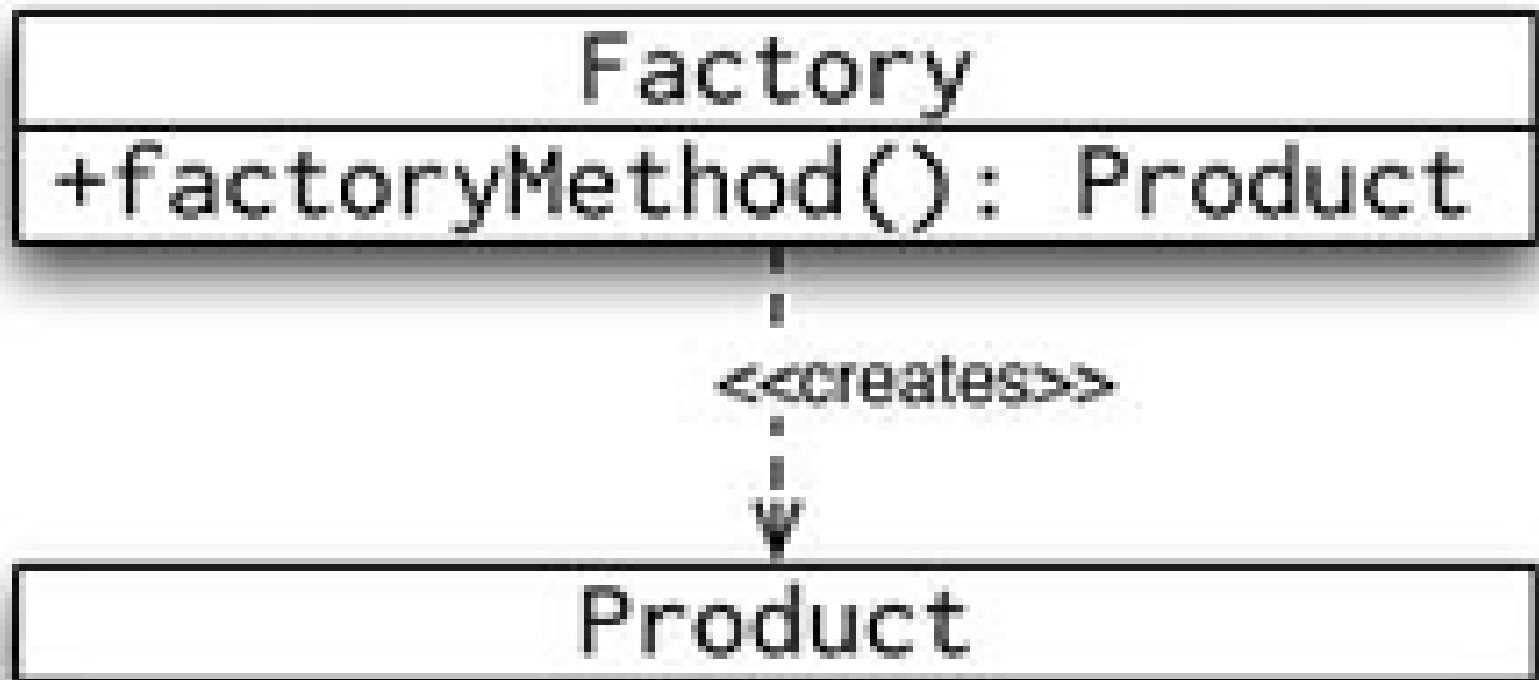
# Spring Training Program

# Spring Architecture



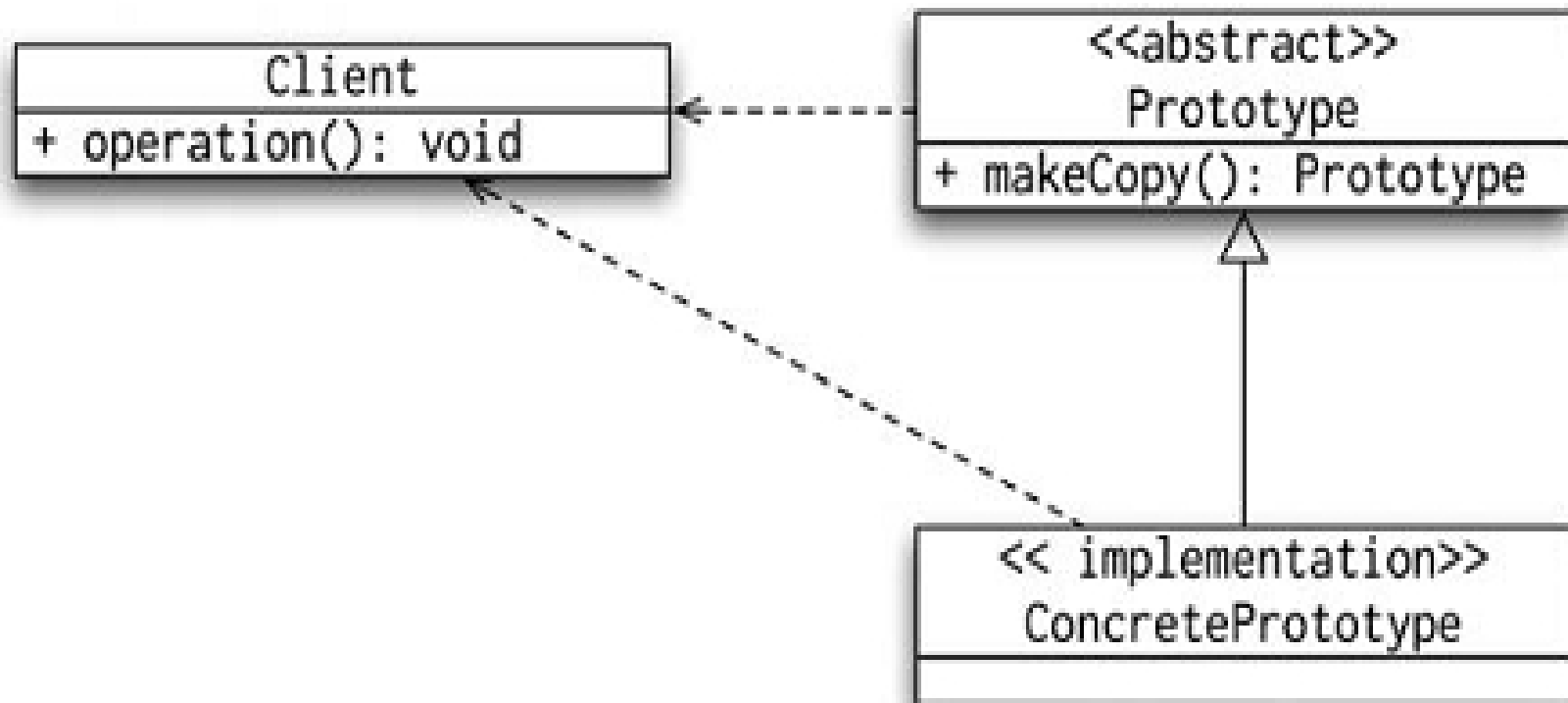
# Relevant Design Patterns

## Factory Method



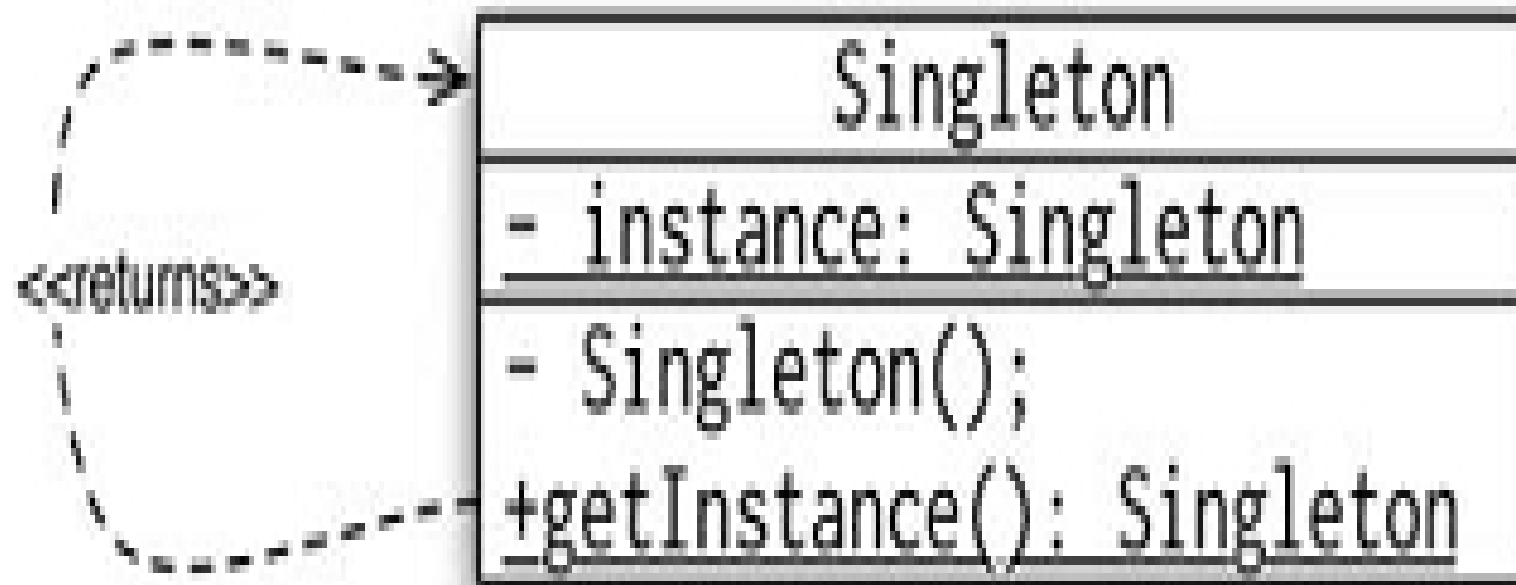
# Relevant Design Patterns

## Prototype Pattern



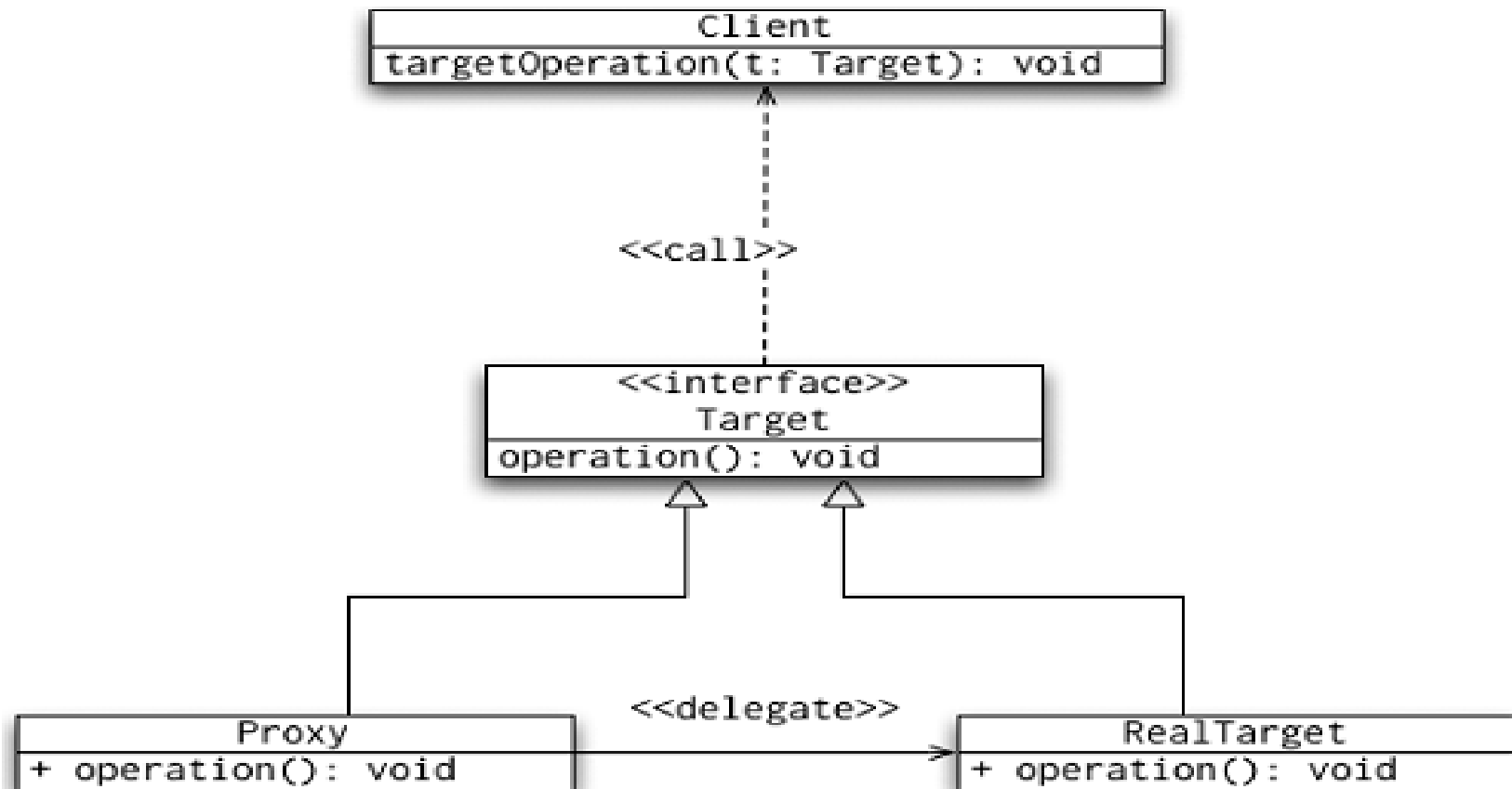
# Relevant Design Patterns

## Singleton Pattern



# Relevant Design Patterns

## Proxy Pattern



# Relevant Design Patterns

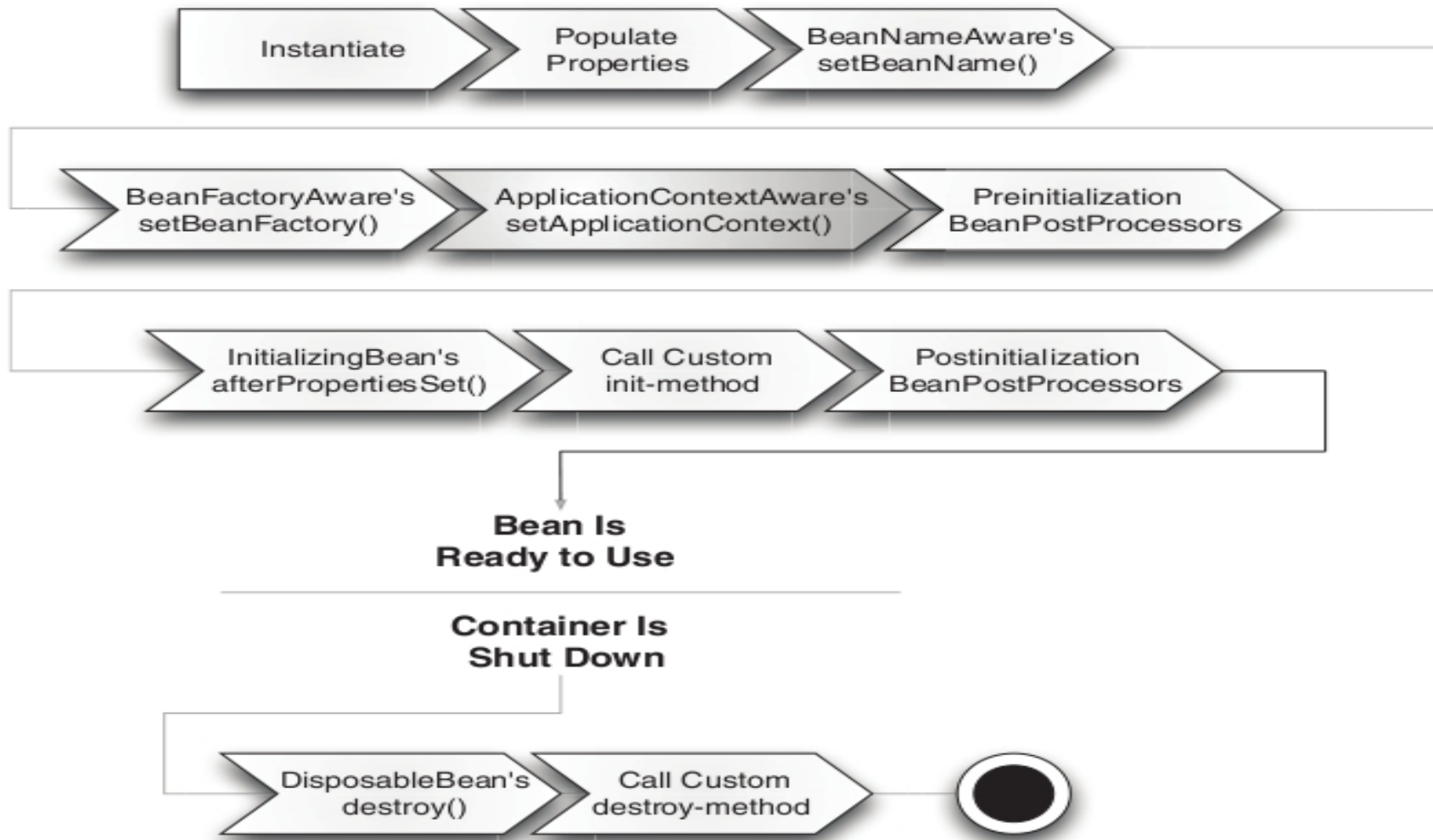
- Builder Pattern
- Adapter
- Decorator
- Facade
- Observer
- Strategy
- Template method

# Inversion of Control

- Service Locator/Dependency Lookup
- Dependency Injection
  - Constructor Injection
    - Example
    - Constructor argument resolution
  - Setter Injection
    - Example
  - Constructor Vs Setter based injection
  - Dependency Resolution Process



# Bean Lifecycle - I



# Bean Lifecycle - II

- `init()` method
- InitializingBean Interface
- `destroy()` method
- DisposableBean Interface
- BeanNameAware Interface
- BeanFactoryAware Interface
- BeanPostProcessor
- BeanFactoryPostProcessor

# Spring Bean Factories

- Bean Factory
  - Lightweight
  - Plain and Simple view of the Container
- Application Context
  - Advanced
  - ClasspathXmlApplicationContext
  - XmlWebApplicationContext
  - AnnotationConfigApplicationContext
  - AnnotationConfigWebApplicationContext

End of  
Spring Training Program  
Session I