## **TEKLRN**

## **SPRING LEVEL 4**

- 1. Bean Scopes
  - The Singleton Scope
  - The Prototype Scope
- 2. Singleton Beans with Prototype-bean Dependencies
- 3. Request, Session, Application, and WebSocket Scopes
  - Request scope
  - Session Scope
  - Application Scope
- 4. Scoped Beans as Dependencies
- 5. Custom Scopes
- 6. Using a Custom Scope
- 7. Customizing the Nature of a Bean
- 8. Initialization Callbacks
- 9. Destruction Callbacks
- 10. Default Initialization and Destroy Methods
- 11. Combining Lifecycle Mechanisms
- 12. Startup and Shutdown Callbacks
- 13. Shutting Down the Spring IoC Container Gracefully in Non-Web Applications
- 14. ApplicationContextAware and BeanNameAware
- 15. Other Aware Interfaces