360ITEmpire Course on Spring Core

Course Content

Timeline	Chapter No	Chapter Name	Chapter Content
Day 1	Chap 1	Introduction	POJO, DI, Aspects,Template
			Application Context vs BeanFactory
			Bean Lifecycle
			Spring Modules
			Spring Portfolio
			Whats new in Spring 4.x
Day 2	Chap 2	Bean	Spring Configuration Options
			Automatically wiring Beans:
			Creating discoverable beans
			Naming a component-scanned Beans
			Setting a base package for component scanning
			Annotating beans to be automatically wired
			Verifying automatic configuration
			Wiring beans with Java
			Creating a configuration class
			Declaring a simple bean
			Injecting with Java Config
			Wiring beans with XML
			Creating an XML configuration specification
			Declaring a imple <bean>
			nitializing a bean with constructor injection
			Setting properties
			Importing and mixing configurations
			Referencing XML configuration in JavaConfig
			Referencing JavaConfig in XML configuration
Day 3	Chap 3	Advanced wiring	Environments and profiles

			Configuring profile beans
			Activating profiles
			Conditional beans
			Addressing ambiguity in autowiring
			Designating a primary bean
			Qualifying autowired beans
			Scoping beans
			Working with request and session scope
			Declaring scoped proxies in XML
			Runtime value injection
			Injecting external values
			Wiring with the Spring Expression Language
Day 4	Chap 4	Aspect-oriented Spring	Selecting join points with pointcuts
			Defining AOP terminology
			Spring's AOP support
			Selecting join points with pointcuts
			Writing pointcuts
			Selecting beans in pointcuts
			Creating annotated aspects
			Defining an aspect
			Creating around advice
			Handling parameters in advice
			Annotating introductions
			Declaring aspects in XML
			Declaring before and after advice
			Declaring around advice
			Passing parameters to advice
			Introducing new functionality with aspects
			Injecting AspectJ aspects