

Applying Spring Framework

(One day Workshop)

About the Course

The Spring Framework (or Spring for short) provides a light weight container to host business objects and has become popular over standard EJB where distribution of business objects is not in need. Spring container, although light weight in nature, provides transaction and security support. Therefore, many J2EE applications not requiring distribution became the candidate for Spring.

Spring business objects can be simple java classes without requiring implementation of a set of interfaces, like EJB, making implementation simple and reusable. The Workshop will discuss the aspects of this framework.

Workshop objectives

At the end of this workshop the participants will be able to:

- Develop scalable enterprise Java applications using Spring framework
- Streamline your code and increase productivity with Spring templates
- Modularize functionality using Aspect Oriented Programming (AOP)

Workshop Contents

The following topics would be covered in the one day workshop with some exercises to understand the concepts.

- ❖ Architecture of Spring Framework
- ❖ Dependency Injection
- ❖ Aspect oriented Programming
- ❖ Developing Spring Business Class
 - Writing Bean
 - Creating Aspect
- ❖ Spring MVC
- ❖ Deploying Spring Application
- ❖ Review and conclusion

Note: Coverage of Case Study based on real-life scenario would be attempted in the one day workshop