Spring
Enterprise Java Framework

When: November 14-15, 2009
Where: Maxwell-Dworkin Building
Harvard University, Cambridge, MA

Cost: $475 through Sept. 25
$525 through Oct. 30
$600 after Oct. 30

Speakers

Ken Sipe is a Technology Director with Perficient, Inc. (PRFT), IBM's largest service partner, where he leads multiple teams in the development of solutions in the SOA, Web 2.0 and portal domains, on both the Java and .Net platforms.

Craig Walls has been professionally developing software for over 15 years (and longer than that for the pure geekiness of it). He is the author of Modular Java (published by Pragmatic Bookshelf) and Spring in Action and XDoclet in Action (both published by Manning).

The Spring Framework
Powering Enterprise Java Development

Spring is a widely used open source framework that helps developers build high quality applications faster. Spring provides a consistent programming and configuration model that is well understood and used by millions of developers worldwide. Spring provides a range of capabilities for creating enterprise Java, rich web, and enterprise integration applications that can be consumed in a lightweight, a-la-carte manner.

Spring provides the ultimate programming model for modern enterprise Java applications by insulating business objects from the complexities of platform services for application component management, Web services, transactions, security, remoting, messaging, data access, aspect-oriented programming and more. Spring is built on an Inversion of Control (IoC) container that enables Java components to be centrally configured and wired together—resulting in code that is more portable, reusable, testable and maintainable.

From it's not-so-humble start, the Spring Framework set its aim on reducing complexity in Java development. Now, as Spring celebrates its seventh birthday, it has become the de facto standard enterprise Java framework and continues its mission of providing great power with minimal effort.

In this weekend seminar, Craig Walls and Ken Sipe will be your guides to Spring. You'll start by learning the principles of Dependency Injection and AOP, the basis of much of Spring's power. Then you'll see how to employ Spring in building enterprise applications that are maintainable, testable, and efficient. The weekend will conclude by giving you an opportunity to openly ask any questions that you may have about Spring.

Whether you're already working with Spring or are just getting started, you'll leave this weekend equipped with greater understanding of Spring and new tricks and techniques that you can begin applying immediately to your projects

Details and registration: www.gbcacm.org

Key Spring Modules

Inversion of Control container: configuration of application components and lifecycle management of Java objects

Aspect-oriented programming: enables implementation of cross-cutting routines

Data access: working with relational database management systems on the Java platform using JDBC and object-relational mapping tools

Transaction management: unifies several transaction management APIs and coordinates transactions for Java objects

Model-view-controller: an HTTP and Servlet-based framework providing hooks for extension and customization

Remote Access framework: configurative RPC-style export and import of Java objects over networks supporting RMI, CORBA and HTTP-based protocols including web services (SOAP)

Testing: support classes for writing unit tests and integration test.