



SpringSource Tool Suite

OVERVIEW

SpringSource Tool Suite (STS) provides the best and most complete set of Eclipse-based tools for building Spring-powered applications that run on the major application server platforms, including Apache Tomcat, SpringSource tc Server, SpringSource dm Server, IBM WebSphere, Oracle WebLogic, and JBoss. STS incorporates a task-focused user interface to speed development, architecture review tools to guide developers toward best practices, and runtime error analysis with automated resolution lookup to help developers solve problems in running applications. STS is also the only tool that supports modular OSGi runtime platforms.

GREATER PRODUCTIVITY

A task-focused user interface and a rich set of visual development tools for creating Spring applications enable developers to handle complex applications much more efficiently.

DEPLOYMENT FLEXIBILITY

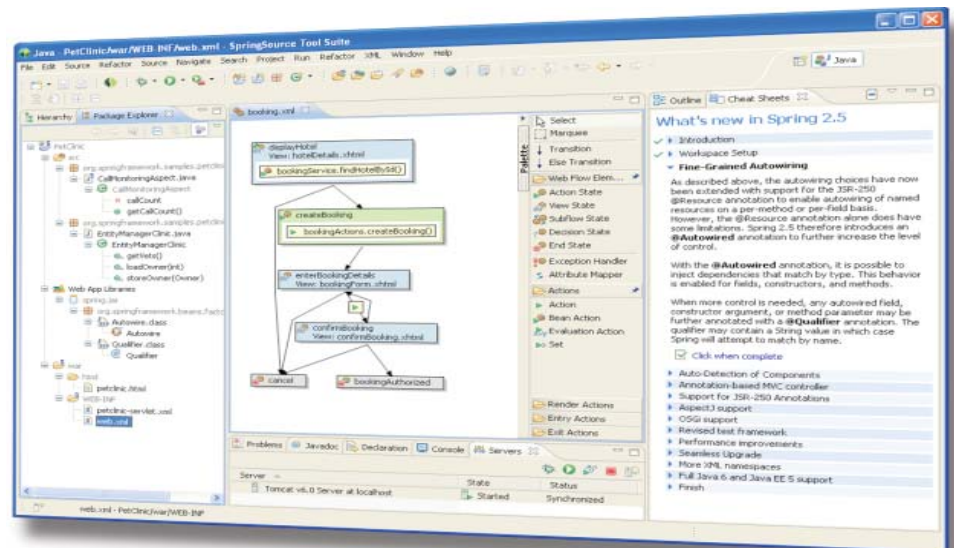
Spring applications are built to run on any of the market-leading application server platforms from SpringSource, IBM, Oracle, and JBoss.

EASY TO LEARN

Interactive tutorials, quick start guides, and complete sample applications enable developers to quickly learn how to create powerful Spring applications.

EXPERT GUIDANCE

Architecture review tools, best practice guides, runtime error analysis with automated resolution lookup, and integrated access to Spring community contributed information give developers the SpringSource expertise they need.



EXTENSIVE VISUAL SPRING DEVELOPMENT TOOLS

Based on the Eclipse platform, STS provides a completely integrated, tested and certified development environment that contains the latest tools for building Spring-powered applications. STS integrates the Spring IDE for visual development of Spring and Spring WebFlow applications. Application development is made easier when using the Project Creation Wizard, rich forms-based Spring Configuration Editor, Spring Configuration Auto-Discovery, Quick Fixes and Quick Assist, Bean Creation Wizard, Namespace Configuration Dialog, and many other visual tools. STS also provides support for AspectJ, Web Tools Platform, and other useful Eclipse plug-ins.

TASK FOCUSED DEVELOPMENT

STS includes and extends Mylyn's Task-focused user interface to provide a smooth and simple workflow that makes it much easier for developers to navigate the complex hierarchies of modern enterprise applications. The tool maintains a focused browsing history for all programming elements opened as well as web resources accessed.

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OSGI MADE EASY

Developers now have the tools necessary to visualize, package, and deploy truly modular applications onto SpringSource dm Server - the industry's only application server built from the ground up to support OSGi-based applications. STS provides an OSGi console, graphical bundle overview page, visual dependency graph, as well as the ability to test dependencies and specify bundle deployment order.

GUIDED LEARNING

For newcomers to developing Spring-powered applications or experienced developers utilizing new features of Spring, STS leverages its task-based user interface to provide tool-guided assistance through tutorials and SpringSource training materials. Developers are walked through the process of building complete applications at all stages of the development and deployment lifecycle.

CONSULTANT IN A BOX

STS incorporates the accumulated knowledge of SpringSource consultants and technology experts. The tool has task-led best practice guides that instruct developers to use trusted techniques for bean configuration and development. Developers can also use architectural review tools that will analyze Spring-powered applications and make recommendations when common problematic configuration issues arise. These Spring usage anti-patterns have been developed through thousands of hours of consulting with real-world applications and developers can leverage them seamlessly through the tool.

RESOLVE PROBLEMS FASTER

STS provides integrated search for all Web repositories of Spring knowledge and even allows users to contribute useful information to assist other Spring developers. Runtime errors can be pasted directly from the server log into a search feature which will look for resolutions recommended by the community. If a developer creates a resolution for a particular runtime error, that resolution can be shared with all other STS users.

ABOUT SPRINGSOURCE

SpringSource provides a complete suite of software products that accelerate the entire **build, run, manage** enterprise Java application lifecycle. SpringSource employs the open source leaders who created and drive innovation for Spring, the de facto standard programming model for enterprise Java applications. SpringSource also employs the Java and web thought leaders within the Apache Tomcat, Apache HTTP Server, Groovy and Grails open source communities. Nearly half of the Global 2000, including many of the world's leading retail, financial services, manufacturing, healthcare, technology and public sector clients are SpringSource customers. For more information please visit: www.springsource.com.



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