

MuleSoft Tcat Server

Enterprise Tomcat Made Simple

Overview

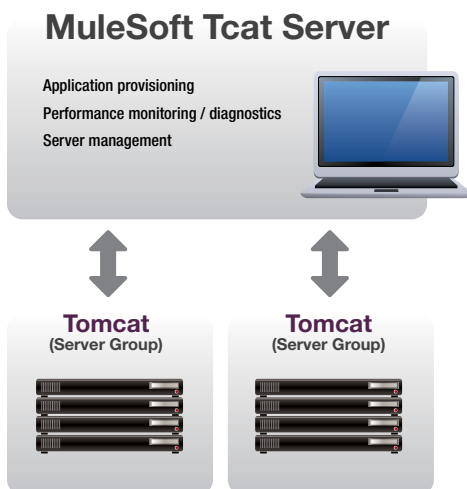
MuleSoft's Tcat Server is enterprise Tomcat made simple—a fully supported Tomcat server that allows developers to easily build and test today's connected Web applications, and that simplifies Tomcat management and application provisioning tasks for administrators. Tcat Server is built on 100% Tomcat, with no changes to the core Tomcat code.

Simplifying Tomcat for Production Deployments

Apache Tomcat is the world's most widely used web application server, with over 1 million downloads per month and over 70% penetration in the enterprise datacenter. Tomcat has grown in popularity with application developers due to its lightweight simplicity, providing a powerful application platform with none of the cost or complexity of legacy J2EE platforms. As applications are rolled out to groups of multiple production servers, however, administrators need the tools to automate and control the application release process, reducing tedious manual work and the errors that often result. In addition, administrators and developers alike both need visibility

into detailed performance metrics to pinpoint performance issues before they escalate, and to resolve them quickly without relying on guesswork.

Tcat Server's ships with Tomcat v.6.0 as its core runtime, and can also manage existing Tomcat servers deployed in the datacenter. The product is 100% "plug-compatible" with Apache Tomcat, supporting both Tomcat v5.5 and v6.0. Tcat Server is middleware for the Web, making accessible the power of enterprise infrastructure to modern web applications.



For Tomcat developers:

Server control and configuration management aid in debugging problems and automate repetitive tasks during the dev/test cycle

Diagnostics tools pinpoint performance issues and shorten the dev/test cycle

Integrate Maven builds with Tcat deployment for continuous integration between dev and test

RESTful API allows integration with existing development tools

For Tomcat administrators:

Server group administration reduces inefficient and error-prone manual tasks

Remote configuration management helps enforce consistency across multiple servers and groups

Application provisioning tools provide release management capabilities, automating deployment from dev/test to production environments, and for production application maintenance

Performance monitoring and diagnostics, purpose-built for Tomcat applications, improve collaboration with developers and enable fast resolution of production issues

Enterprise support provides SLA-based problem resolution and troubleshooting for mission-critical applications

Technical Specifications

	Features	Benefits
100% Tomcat compliance	<ul style="list-style-type: none"> 100% plug-compatible with Apache Tomcat v5.5 and v6.0 Zero modifications to the official Apache Tomcat binary 	Zero disruption to existing development or operational standards, and no vendor lock-in
Enterprise support for Tomcat	<ul style="list-style-type: none"> Problem resolution with defined SLAs Online knowledge base and security alerts Bug fixes and Tomcat updates made by Apache committers 	Use the most popular application platform, Tomcat, with stability and support from a professional company behind the product
Server and application management for Tomcat	<ul style="list-style-type: none"> Server configuration management and control Application control Server group administration Server auto-discovery 	Eliminate tedious and repetitive manual work during development and in production
Application provisioning	<ul style="list-style-type: none"> Web application deployment and rollout to server groups Configuration and environment management <ul style="list-style-type: none"> Increase JVM heap size Change Tomcat startup parameters Publish application-specific configuration files and settings Release management 	Automate provisioning for new application deployment and ongoing maintenance, from development through test, stage and production phases, ensuring that applications are provisioned onto appropriately configured systems with minimal errors and downtime
Performance diagnostics	<ul style="list-style-type: none"> Pre-configured quick-check scan for web applications Comprehensive performance monitoring of all application elements, including: <ul style="list-style-type: none"> JVM and OS memory usage Thread and session performance Data resource/connection utilization View web application sessions and deployment descriptors Visualization of common metrics Real-time access to remote logs 	Gain visibility to the availability and performance of Tomcat applications, detect issues as they arise, pinpoint and diagnose the root-cause of trouble for fast resolution

About MuleSoft

MuleSoft is the Web Middleware Company. With iBeans, the lightweight and powerful Mule ESB, and the recently announced MuleSoft Tcat Server, MuleSoft brings simple yet powerful infrastructure to today's dynamic Web applications.

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