一个J2EE应用服务器的Web容器集成框架

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Abstract

Regarding the shortcomings found with the traditional method of integrating a J2EE (Java 2 platform enterprise edition) Web Container, a two-layered Web container integration framework is proposed: the outer layer is independent of the Web container implementation and is the interface between the Web container and management tools, deployment tools and other modules; the inner layer is an extension to the Web container. The framework has been implemented on the J2EE application server PKUAS (Peking University Application Server). Test results have shown that this framework can satisfy the design goals of a pluggable, unified configurable Web container, and its performance is satisfactory.

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摘要

针对J2EE(Java 2 platform enterprise edition)应用服务器集成Web容器的传统实现方式存在的不足,提出一个两层结构的Web容器集成框架:外层独立于Web容器实现,满足管理工具、部署工具等其他模块与Web容器的交互;内层则是对特定Web容器的包装、扩展或改良.该框架已在J2EE应用服务器PKUAS(Peking University Application Server)上得以实现.测试结果表明,该框架具有良好的可插拔性,实现了应用服务器配置和管理机制的统一,且性能良好.

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