

About Oracle® Java CAPS Web Server Adapters

Copyright © 2008, 2011, Oracle and/or its affiliates. All rights reserved.

License Restrictions Warranty/Consequential Damages Disclaimer

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

Warranty Disclaimer

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

Restricted Rights Notice

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS

Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle America, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

Hazardous Applications Notice

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Trademark Notice

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group in the United States and other countries.

Third Party Content, Products, and Services Disclaimer

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Contents

About Web Server Adapters	5
About Oracle Java CAPS Adapter for Sun Java System Application Server	5
The Sun Java™ System Application Server	5
The Sun Java™ System Application Server Adapter	5
About Oracle Java CAPS Adapter for WebLogic	6
WebLogic Server	6
About the WebLogic Adapter	6

About Web Server Adapters

The following topics provide information about the web server adapters provided with Java CAPS.

- [“About Oracle Java CAPS Adapter for Sun Java System Application Server”](#) on page 5
- [“About Oracle Java CAPS Adapter for WebLogic”](#) on page 6

About Oracle Java CAPS Adapter for Sun Java System Application Server

This topic provides conceptual information about the Sun Java System Application Server and its Oracle Java CAPS Adapter.

The Sun Java™ System Application Server

The Sun Java System Application Server is a platform for developing and delivering Java web services. The application server comes in three editions: the free Platform edition which is embedded in many third party systems and applications, Standard edition which adds operations management and monitoring, and Enterprise edition, which also adds Always On technology and provides enhanced load balancing and cluster management capabilities.

The Sun Java™ System Application Server Adapter

Oracle Java CAPS Adapter for Sun Java™ System Application Server is an application-specific Adapter that facilitates integration between applications built on a Sun Java™ System Application Server and Oracle Java™ CAPS ESB using the Enterprise Java Bean (EJB) component model.

About Oracle Java CAPS Adapter for WebLogic

This topic provides conceptual information about WebLogic and its Oracle Java CAPS Adapter.

WebLogic Server

WebLogic Server is as a fully featured, standards-based, application server providing the foundation on which an enterprise builds its applications. More specifically, WebLogic Application Server is used to build Web applications that share data and resources with other systems, and then generate dynamic information for Web pages and other user interfaces.

WebLogic Application Server streamlines the process of building distributed, scalable, highly available systems by offering services that users previously had to write themselves, including connectivity, business logic, re-usability, security, concurrency (access is serialized), and transactionally (using XA to assure a successful transfer/update or rollback).

Other features offered by WebLogic include:

- **Object Pooling**– conserves system resources by placing objects in a pool, so that the next request for the object does not require a re-allocation of memory.
- **Thread and Connection Pooling**– works much the same way as Object Pooling to save memory and connection resources.
- **Clustering**– allows easy movement or distribution of applications to other machines.

About the WebLogic Adapter

The WebLogic Adapter is an application specific Adapter that facilitates integration between applications built on the WebLogic platform and Oracle Java CAPS ESB using the Enterprise Java Bean (EJB) component model (synchronous communication). The Adapter also provides an example of how to exchange JMS messages between WebLogic server and Oracle Java CAPS ESB asynchronously.