Legal Notices

The information contained in this documentation is subject to change without notice.

JBoss Inc. makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. JBoss Inc. shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Java™ and J2EE is a U.S. trademark of Sun Microsystems, Inc. Microsoft® and Windows NT® are registered trademarks of Microsoft Corporation. Oracle® is a registered U.S. trademark and Oracle9™, Oracle9 Server™ Oracle9 Enterprise Edition™ are trademarks of Oracle Corporation. Unix is used here as a generic term covering all versions of the UNIX® operating system. UNIX is a registered trademark in the United States and other countries, licensed exclusively through X/Open Company Limited.

Copyright

JBoss, Home of Professional Open Source Copyright 2006, JBoss Inc., and individual contributors as indicated by the @authors tag. All rights reserved.

See the copyright.txt in the distribution for a full listing of individual contributors. This copyrighted material is made available to anyone wishing to use, modify, copy, or redistribute it subject to the terms and conditions of the GNU General Public License, v. 2.0. This program is distributed in the hope that it will be useful, but WITHOUT A WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

See the GNU General Public License for more details. You should have received a copy of the GNU General Public License, v. 2.0 along with this distribution; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Software Version

JBossESB 4.2.1 GA

Restricted Rights Legend

Use, duplication, or disclosure is subject to restrictions as set forth in contract subdivision (c)(1)(ii) of the Rights in Technical Data and Computer Software clause 52.227-FAR14.

© Copyright 2007 JBoss Inc.
## Contents

**Table of Contents**

<table>
<thead>
<tr>
<th>Contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>[iv]</td>
<td>Documentation Conventions</td>
</tr>
<tr>
<td>About This Guide</td>
<td>Documentation Conventions</td>
</tr>
<tr>
<td>What This Guide Contains</td>
<td>Additional Documentation</td>
</tr>
<tr>
<td>Audience</td>
<td>Contacting Us</td>
</tr>
<tr>
<td>Prerequisites</td>
<td>Web Services Support</td>
</tr>
<tr>
<td>Organization</td>
<td>JBossWS</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Index</th>
<th>10</th>
</tr>
</thead>
</table>

**Contacting Us**

**Web Services Support**

**JBossWS**
About This Guide

What This Guide Contains

The Web Services Guide document contains descriptions on the principles behind Service Oriented Architecture and Enterprise Service Bus, as well as how they relate to JBossESB.

Audience

This guide is most relevant to engineers who are responsible for using JBossESB 4.2.1 GA installations and want to know how it relates to SOA and ESB principles.

Prerequisites

None.

Organization

This guide contains the following chapters:

• **Chapter 1, Web Services**: A description of how JBossWS services can be interfaced with JBossESB.

Documentation Conventions

The following conventions are used in this guide:
In addition to this guide, the following guides are available in the JBossESB 4.2.1 GA documentation set:

1. **JBossESB 4.2.1 GA Trailblazer Guide**: Provides guidance for using the trailblazer example.

2. **JBossESB 4.2.1 GA Programmer's Guide**: Provides guidance for developing applications using JBossESB.

3. **JBossESB 4.2.1 GA Getting Started Guide**: Provides a quick start reference to configuring and using the ESB.

4. **JBossESB 4.2.1 GA Administration Guide**: How to manage JBossESB.

5. **JBossESB 4.2.1 GA Release Notes**: Information on the differences between this release and previous releases.

6. **JBossESB 4.2.1 GA Services Guides**: Various documents related to the services available with the ESB.
Contacting Us

Questions or comments about JBossESB 4.2.1 GA should be directed to our support team.
Web Services Support

JBossWS

JBossESB has a number of Webservice based components for exposing and invoking Webservice endpoints (i.e. SOAP onto the bus and SOAP off the bus):

1. **SOAPProcessor**: The SOAPProcessor action allows you expose JBossWS 2.x and higher Webservice Endpoints through endpoints (listeners) running on the ESB (“SOAP onto the bus”). This allows you to use JBossESB to expose Webservice Endpoints (wrapper Webservices) for services that don't expose a Webservice Interface. JBossWS Webservice Endpoints exposed via this JBossESB action are “ESB Message Aware” and can be used to invoke Webservice Endpoints over any transport channel supported by the ESB.

2. **SOAPClient**: The SOAPClient action allows you to make invocations on Webservice endpoints (“SOAP off the bus”).

For more details on these components and how to configure and use them, see the Message Action Guide.

You can also find more information within the wiki pages shipped with the JBossESB documentation.
Index