Oracle® Retail Integration Bus

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Oracle® Retail Integration Bus Hospital Administration Guide, Release 14.0

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Glossary

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Oracle® Retail Integration Bus Hospital Administration Guide, Release 14.0.

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- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
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Preface

The Oracle Retail Integration Bus Hospital Administration Guide describes the application user interface and how to navigate through it.

Audience

This document is intended for the users and administrators of Oracle RIB Hospital Administration. This may include merchandisers, buyers, and business analysts.

Documentation Accessibility

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Related Documents

For more information, see the following documents in the Oracle Retail Integration Bus 14.0 documentation set:

- Oracle Retail Integration Bus Implementation Guide
- Oracle Retail Integration Bus Installation Guide
- Oracle Retail Integration Bus Operations Guide
- Oracle Retail Integration Bus Release Notes
- Oracle Retail Integration Bus Security Guide
- Oracle Retail Integration Bus Support Tools Guide
- Oracle Retail Integration Bus Integration Guide
- Oracle Retail Functional Artifacts Guide
- Oracle Retail Service-Oriented Architecture Enabler Tool Guide
- Oracle Retail Integration Bus Data Model

• Oracle Retail PL-SQL Payload Mapper Guide (ID 1590674.1)

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https://support.oracle.com

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 14.0) or a later patch release. If you are installing the base release, additional patch, and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

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0266.html

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0266.html

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Documentation should be available on this Web site within a month after a product release.

Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

The following text conventions are used in this document:

1 Introduction

Oracle Retail Integration Bus Hospital Administration or RIB Hospital Administration (RIHA) is a tool to manage RIB messages in the RIB hospital error tables.

Using RIHA you can search for hospital records, stop a message from being retried, retry a message for which maximum system-set retries have been tried, and delete a message from the tables. You can insert new records into hospital tables. You can also update existing hospital records and message payloads.

RIHA should be installed only after core RIB components have been installed and verified.

Using RIHA is the recommended way to perform all RIB Hospital error table operations.

Installation and Setup

The RIHA installation chapter widely focuses on ADF 11g runtime installation and deploying the tool's EAR file. For more information about domain creation and other server related information, see the WebLogic application server documents.

Installation and Setup Instructions

This section describes the installation and setup instructions including the installation prerequisite, preparing the WebLogic server, creating a WebLogic domain, verifying installation of ADF runtime libraries, extending an existing domain to add ADF run-time libraries, and deploying the EAR file. It also describes the security setup guidelines.

Note: The screen captures included in the following procedures are for example only. Because these procedures must be followed for each application, valid values will vary. Therefore, consider the illustrations as guides only; the values shown may not always apply.

Installation Prerequisite

The RIB Hospital Administration(RIHA) requires Oracle WebLogic Server 11g (10.3.6) and built with JDK 1.7.0+ 64 bit, or JRockit 1.6 R28 build or later (64 bit for Linux and Solaris OS only).

Important: If there is an existing WebLogic 10.3.5 installation on the server, you must upgrade WebLogic 10.3.5 to WebLogic 10.3.6. All middleware components associated with WebLogic server 10.3.6 should be upgraded to 11.1.1.6.

Back up the weblogic.policy file (\$WLS_HOME/wlserver_ 10.3/server/lib) before upgrading your WebLogic server, because this file could be overwritten. Copy over the weblogic.policy backup file after the WebLogic upgrade is finished and the post patching installation steps are completed.

For upgrading your WebLogic server to 10.3.6 use the Upgrade Installer (installers starting with the name wls1036_upgrade

Prepare the WebLogic Server

To get the ADF runtime option while creating a domain, download the Application Development Runtime-11.1.1.6.0 from http://www.oracle.com/technetwork/index.html.

1. Unpack the downloaded Application Development Runtime-11.1.1.6.0 and run the installer. The Installer Welcome screen opens.

Oracle Fusion Middleware 11g Application Developer Installation - Step 1 of 6				
Welcome	FUSION MIDDLEWARE 11			
Velcome Prerequisite Checks Specify Installation Locatio Installation Summary Installation Progress Installation Complete	Welcome to Oracle Fusion Middleware 11 <i>g</i> Application Developer Installer. Before proceeding, install a WebLogic server. For more information, see the WebLogic Server installation instructions in the Oracle Fusion Middleware Installation Guide for Oracle SOA Suite. After all necessary schemas are created, and a WebLogic server is installed, select <u>N</u> ext to begin the installation. Context-sensitive help is available at any time by selecting <u>H</u> elp.			
↓ <u>H</u> elp	Copyright (c) 1999, 2009, Oracle and/or its affiliates. All rights reserved.			

- 2. Click Next.
 - Installer performs the prerequisite checks and ensures all required prerequisites are met.

Oracle Fusion Middleware 11g Application Developer Installation - Step 2 of 6				
Prerequisite Checks				
y <u>Welcome</u>	Selection	Check	Progress	Status
Prerequisite Checks		Checking operating system certific	100%	×
 Specify Installation Locatio 	1	Checking recommended operating	100%	▲
unstallation Summary	2	Checking kernel parameters	100%	▲
↓ ♀ Installation Progress	1	Checking Recommended glibc ver	100%	~
i Installation Complete	\checkmark	Checking physical memory	100%	×
	•			
	Abort <u>R</u> etry <u>Continue</u>			
Checking operating system certification				
Help < Back Next > Einish Cancel				
Elapsed Time: 4m 19s				

3. Click **Next**. The Specify Installation Location screen opens.

Oracle Fusion Middleware 11g Application Developer Installation - Step 3 of 6			
Specify Installation Location $\frac{CRACLE}{FUSION MIDDLEWARE}$			
Welcome Prerequisite Checks Specify Installation Locati Installation Summary Installation Progress			
Installation Complete	Oracle <u>M</u> iddleware Home: <u>O</u> racle Home Directory:	ne/gaparth/w1033-Dec15 Browse oracle_common	
	Home.	must already be installed in the same Middleware	
Help		< <u>Back</u> <u>Next</u> > <u>Finish</u> Cancel Elapsed Time: 5m 19s	

4. Select the Oracle Middleware Home from where the WebLogic server instance hosting RIHA applications will run.

5. Click Next. The Installation Summary screen opens.

Oracle Fusion Middleware 11g Application Developer Installation - Step 4 of 6				
Installation Sumn				
Y Welcome	Install Oracle Application Developer			
Prerequisite Checks	- Directory Details			
Specify Installation Locatio	—Middleware Home Location: /home/gaparth/w1033-Dec15 —Oracle Home Location: /home/gaparth/w1033-Dec15/oracle_commo			
🧅 Installation Summary	E-Disk Space			
↓ Installation Progress	-Required: 760 MB			
Installation Complete	-Available: 37124 MB			
	Oracle Enterprise Manager			
	Save Response File: Save			
	To change this configuration before installing, select the topic you want to			
	change in the pane on the left.			
	To install this configuration, select <u>I</u> nstall.			
Help	< <u>§ack</u> <u>N</u> ext > <u>Install</u> Cancel			
	Elapsed Time: 5m 39s			

- 6. Click Install.
 - The installation progress is displayed.

Oracle Fusion Middleware 11g Application Developer Installation - Step 5 of 6			
Installation Progress			
y Welcome	Progress		
↓ Prerequisite Checks	100%		
i	Setting up		
i V Installation Summary	Install Log /home/gaparth/oralnventory/logs/install2010-12-15_01-37-47PM.		
Installation Progress	Installation Successful. Starting execution of post install scripts		
U Installation Complete	Execution of post install scripts completed		
Oracle Fusion Middleware Extreme Productivity			
	ORACLE		
<u>Help</u>	< gack Next > Einish Cancel		
	Elapsed Time: 10m 29s		

7. Click **Next**. The Installation Complete screen opens once the installation is complete.

Oracle Fusion Middlewa	re 11g Application Developer Installation - Step 6 of 6
Installation Comp	Plete CRACLE FUSION MIDDLEWARE
Y Welcome	Install Oracle Application Developer
i Y Prerequisite Checks	Directory Details
Specify Installation Locatio	 Middleware Home Location: /home/gaparth/w1033-Dec15 Oracle Home Location: /home/gaparth/w1033-Dec15/oracle_commo
unstallation Summary	🖃 Disk Space
↓ Installation Progress	Oracle Home Size: 770 MB Available: 36332 MB
Installation Complete	⊡Applications
	Oracle Enterprise Manager
	Save Installation Details: Save
	Oracle Application Developer installation completed successfully
Help	< <u>Back</u> <u>N</u> ext > <u>Finish</u> Cancel
	Elapsed Time: 10m 59s

8. Click Finish.

Creating a WebLogic Domain with ADF Runtime Libraries

This section describes the steps to create a new WebLogic domain with ADF runtime libraries.

- 1. Run quick start from the Oracle Middleware home located under Utils folder.
 - The WebLogic Platform Quick Start screen opens.



- **2.** Select Getting started with WebLogic Server.
 - The Fusion Middleware Configuration Wizard opens.

E Fusion Middleware Configuration Wizard		<u> </u>
Welcome	ORA	CLE.
O Graata a new Wald anis demain		
O Create a new WebLogic domain		
Create a WebLogic domain in your projects directory.		
• Extend an existing WebLogic domain		
Use this option to add new components to an existing domain and modify configuration settings.		
Ν		
Egit Help	Previous	Next

3. Select Create a new WebLogic domain. The domain source window screen opens.

Fusion Middleware Configuration Wizard	
Select Domain Source	ORACLE
Generate a domain configured automatically to support the following produ Basic WebLogic Server Domain - 10.3.6.0 [wlserver_10.3] * Oracle Service Bus OWSM Extension - 11.1.1.6 [Oracle_OSB1]	icts:
Cracle Enterprise Manager - 11.1.1.0 [Oracle_Common] Oracle Enterprise Manager - 11.1.1.6 [Oracle_COSB1] Oracle Service Bus for developers - 11.1.1.6 [Oracle_OSB1] Oracle Service Bus - 11.1.1.6 [Oracle_OSB1] WebLogic Advanced Web Services for JAX-RPC Extension - 10.3.6.0 [w/server_10.3]	
Oracle WSM Policy Manager - 11.1.1.0 [oracle_common] Oracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common] Oracle JRF - 11.1.1.0 [oracle_common] Basic WebLogic SIP Server Domain - 10.3.6.0 [wiserver_10.3]	
WebLogic Advanced Web Services for JAX-WS Extension - 10.3.6.0 [wlserver_10.3] Base this domain on an existing template	
Template.jocation: D:\WL5-1036	Previous Next

4. Select the Oracle JRF - 11.1.1.0 checkbox. Click Next.

E Fusion Middleware Configu	ration Wizard	_
Specify Domain Name and Location	1	ORACLE'
		ORACLE
E	nter the name and location for the domain:	
Domain name:	riha_domain	
Domain location:	\u00\userhome\WLS-1036\user_projects\domains Browse	
	Ţ	
Exit Help	1	Previous Next

- **5.** In the Domain name field, enter the domain name.
- **6.** In the Domain location field, enter the domain location or click **Browse** to select a domain location.
- 7. Click Next.

Fusion Middleware	Configuration Wizard	
nfigure Administrato	User Name and Password	ORACLE
🖔 Disgard Changes		
*Name:	weblogic	
*User password:	******	
*Confirm user password:	****	
Description:	This user is the default administrator.	
5.8 Uth		During Line
E <u>x</u> it <u>H</u> elp		Previous Next

- **8.** In the Name field, enter the user name.
- **9.** In the User Password field, enter a password for the user.
- **10.** In the Confirm user password field, enter the password again.
- **11.** In the Description field, enter a description for the user (optional).
 - Click Discard Changes (above the Name field) to reset the fields.
- 12. Click Next. The server configuration screen opens.

Fusion Middleware Configuration Configuration	Wizard
	ORACLE'
Before putting your domain into production, make sure tha Production Environment' in the WebLogic Server document WebLogic Domain Startup Mode	t the production environment is secure. For more information, see the topic 'Securing a ation.
 Development Mode Utilize boot, properties for username and password and poll for applications to deploy. Sun JDK recommended for better startup performance during iterative development. 	O Available JDKs IRockit SDK 1.6.0_29 @ D:\WLS-1036\jrockt_160_29_D1.2 Sun SDK 1.6.0_29 @ D:\WL5-1036\jdk160_29
Production Mode Require the entry of a username and password and do not poll for applications to deploy. WebLogic JRockit JDK recommended for better runtime performance and management.	Other JDK Location: /u00/userhomw/java/jdk1.7.0 Browse
Exit Help	Previous

- **13.** In the WebLogic Domain Startup Mode section, select Production Mode.
 - The available JDKs are listed in the JDK Selection section.
- **14.** Select a JDK from the available JDKs.
 - Click Other JDK to browse and select a JDK of your choice.
- 15. Click Next. The Select Optional Configuration screen opens.



- **16.** Select the Managed Servers, Clusters and Machines checkbox to add a managed server for the domain.
- **17.** Select the Deployments and Services checkbox to add ADF runtime libraries to the managed server for the domain.
- **18.** Click Next. The Configure Managed Servers screen opens.

Configure Managed Servers	ort SSL enabled
Name* Listen address* Listen port SSL listen p	ort SSL enabled
→ 1 riha-server listenaddress * 7003	N/A
Egit Help	

- **19.** Click **Add** to add a managed server and edit the name and ports of the managed server.
- **20.** Click **Next**. The Configure Clusters screen opens.

Add 💥 Delete Č Disgard Changes	Qwitch t
Name* Cluster messaging mode Multicast address Multicast port C	Cluster address
R Help	

- **21.** Click **Add** and configure the clusters if needed.
- **22.** Click **Next**. The Configure Machines screen opens.

Fusion Middleware Configure	ration Wizard	
Configure Machines		ORACLE
Machine Unix Machine	i	
Name*	Node manager listen address	Node manager listen port
Exit Help		Previous Next

- **23.** Click **Add** and configure the machines.
- **24.** Click **Next**. The Target Deployments to Clusters or Servers screen opens.

	re Configuration Wizard	_
jet Deployments t		ORACLE
	e left pane. Then check applications in the right pane to target them to the select	ted clusters or servers.
arget	riha-server	
Server	Deployments	Target
AdminServer	Application	
-``o riha-server	FMW Welcome Page Application#11.1.0.0.0	AdminServer, riha-server
	DMS Application#11.1.1.1.0	AdminServer, riha-server
	✓ wsil-wls	AdminServer, riha-server
	🖻 🗹 🚞 Library	
	✓ oracle.bi.jbips#11.1.1@0.1	AdminServer, riha-server
	✓ oracle.bi.composer#11.1.1@0.1	AdminServer, riha-server
	oracle.bi.adf.model.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	oracle.bi.adf.view.slb#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.bi.adf.webcenter.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.wsm.seedpolicies#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.jsp.next#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.dconfig-infra#11@11.1.1.1.0	AdminServer, riha-server
	✓ orai18n-adf#11@11.1.1.1.0	AdminServer, riha-server
	✓ oracle.adf.dconfigbeans#1.0@11.1.1.2.0	AdminServer, riha-server
	Select All Unselect All Discard Changes	
Exit Help		Previous

25. Select the created cluster or server (new_managedServer_1, in this example) in the left pane.

- **26.** Select the applications in the right pane to target them to the selected cluster or server.
- 27. Click Next. The Target Services to Clusters or Services screen opens.

jet Services to Clus		ORACL	_€
ect clusters or servers in th	e left pane. Then check services in the right pane to target them to the se	elected clusters or servers.	
arget	riha-server		
Server	Service	Target	
b AdminServer	😑 🗹 🚞 Shutdown Class		E
- Ⴆ riha-server	JOC-Shutdown	AdminServer, riha-server	
	DMSShutdown	AdminServer, riha-server	
	🖃 🗹 🚞 Startup Class		
	✓ JRF Startup Class	AdminServer, riha-server	
	JPS Startup Class	AdminServer, riha-server	
	ODL-Startup	AdminServer, riha-server	
	AWT Application Context Startup Class	AdminServer, riha-server	
	JMX Framework Startup Class	AdminServer, riha-server	
	Web Services Startup Class	AdminServer, riha-server	
	JOC-Startup	AdminServer, riha-server	
	✓ DMS-Startup	AdminServer, riha-server	
	E 🗹 🚞 WLDF System Resource		
	Module-FMWDFW	AdminServer, riha-server	
			[
	Select All Unselect All Disgard Changes		

- **28.** Select the clusters or servers in the left pane.
- **29.** Select the services in the right pane to target them to the selected clusters or servers.
- 30. Click Next. The Configuration Summary screen opens.

nfiguration Summary		ORACLE
omain Summary ummary View: Deployment view nha. doživain (\u00\userhome\WLS-1036\user project A)	Details pane be	n in the Domain Summary pane on the left to inspect its attributes in the elow. You can make limited adjustments by clicking Previous to return to everything is satisfactory, click Create.
Server	Details	
AdminServer	Attribute Name	Value Basic WebLogic Server Domain
Givice Givice	Description	Create a basic WebLogic Server domain without installing sample app Oracle Corporation
DMSShutdown	Location	D:\WLS-1036\wlserver_10.3\common\templates\domains\wls.jar
JRF Startup Class JPS Startup Class	Description	Required for Fusion Middleware Components and applications built us Oracle Corporation
ODL-Startup AWT Application Context Startup	Location	D:\WL5-1036\oracle_common\common\templates\applications\jrf_ter
MWF Application Context Startup MWF ramework Startup Class Web Services Startup Class	Name Description	Oracle BI-ADF Runtime Required for domains using BI-ADF runtime libraries
Web Services Startup Class JOC-Startup DMS-Startup	Author Location	Oracle Corporation D:\WLS-1036\oracle_common\common\templates\applications\oracle
WLDF System Resource Module-FMWDFW	Name Description	Oracle BI Composer Runtime Oracle BI Composer Runtime extension template
	•	••••

31. Click **Create**. The Creating Domain screen opens.

Fusion Middleware Configu	ration Wizard	X
Creating Domain		ORACLE
E C S S S D D D D D D D D D	Progress: 100% treparing xtracting Domain Contents treating Domain Security Information aving the Domain Information tring Substituting Domain Files tring Substituting Domain Files terforming Post Domain Creation Tasks tomain Created Successfully! Domain Location: D:\WLS-1036\user_projects\domains\test_nha_domain dmin Server URL: http://prahlad:7001	
		Start Admin Server
Exit		Previous Done

32. Click **Done**. The domain and managed servers with ADF runtime is created.

Verify Installation of ADF Runtime Libraries

This section describes the steps to verify the installation of ADF runtime libraries.

- ORACLE WebLogic Server® Administration Console Change Center Q Welcome, weblogic Connected to: test_niha Home > Summary of Deployments View changes and restarts Clok the Look & Edit button to modify, add or delete items in this domain. Summary of Deployments Control Monitoring Look & Edit Release Configuration This page displays a list of Java EE applications and stand-alone application modules that have been installed to this domain. I domain by first selecting the application name and using the controls on this page. ed), or deleted from the omain Structure st_rha_domain Environment Deployments Services -Security Realms To instal a new application or module for deployment to targets in this domain, dick the Instal button © Customize this table Deployments Install Update Delete Stat v Stop v Showing 1 to 10 of 26 Previous | Next 🗖 Name 🙃 State Health Type Deployment Order C Cadf or ade businessed tor (1.0, 11.1.1.2.0) Active Library 100 C Cafforade.doman(1.0,11.1.1.2.0) Active Library 100 C Cadiorade.domain.webacc(1.0,11.1.1.2.0) :00 Active Lbrary How do L 🛛 B 2045 Application (11.1.1.1.0) Active 🕈 OK Web Application 5 Instal an Enterprise application Configure an Enterprise application
 Update (redeploy) an Enterprise application B B Application (11.1.0.0.0) Active vor Enterprise Application 5 C (12,12.9.0) Active Ubrary 100 Start and stop a deployed Enterprise application 6 st(1.2, 1.2.0.1) Active Ubrary 100 Monitor the modules of an Enterprise application C Cohu-rof(5,5.0) Active 100 Library Cepioy EI8 modules C Cohe-six(3,5.0) Active Library 100 Instal a Vieb application C Corade adf dcorfigbeans(1.0,11.1.1.2.0) Active Lbrary 100 Showing 1 to 10 of 26 Previous | Next Instal Update Delete Stat - Stop -System Status Health of Running Servers Faled (0) Critical (0) Overloaded (0) Warning (0) OK (1)
- 1. Start the server and log on to the console.

2. In the Domain Structure section, click **Deployments**. The deployed libraries are listed.

ORACLE WebLogic Server®	Administration Console	•
Change Center	Home Log Out Preferences M Record Help	Welcome, weblogic Connected to: test_rika_domain
View changes and restarts	Home > Summary of Deployments >adf.oracle.domain(1.0,11.1.1.2.0)	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for adLoracle.domain(1.0,11.1.1.2.0)	
Look & Edit	Overview Targets Notes	
Release Configuration	Clok the Lock & Editbutton in the Change Center to modify the settings on this page.	
Domain Structure	See	
test_rha_donain ® Environment — Deployments	Use this page to select the WebLapt Server instances and dusters to which you want to deploy (target) the Java EE Ibrary.	
8-Services Security Realms	Servers	
8-Distroperability 8-Diagnostics	Fi AdminServer	
	E rha_server	
	See	
	Clok the Look & Editbutton in the Orange Center to modify the settings on this page.	
How do L.		
 Instal a Java EE Ibrary 		
 Target a Java EE library to a server or cluster 		
Configure a Java EE library Update (redeploy) a Java EE library		
Opiete a Java EE Ibrary		
System Status 🖂		
Health of Running Servers		
Paled (0)		
Critical (0) Overloaded (0)		
Warring (0)		
OK (1)		
WebLogic Server Venion: 30.3.6.8 Copyright © 1996, 2011, Oracle and/or its efflates, Al		
Oracle is a Registered trademark of Oracle Corporation	and/or its affiliates. Other names may be trademarks of their respective conners.	

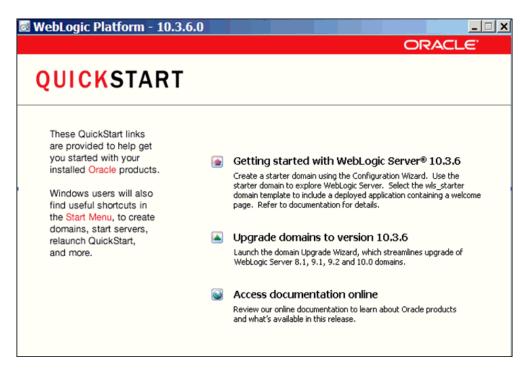
3. Click on the ADF libraries.

4. Click the **Targets** tab and verify that the created server is selected for that library.

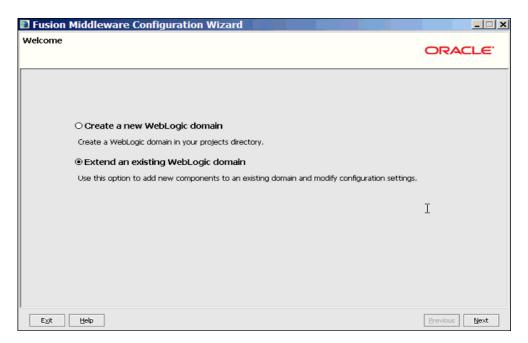
Extending an existing domain to add ADF run-time libraries

This section describes the steps to extend an existing domain to add ADF runtime libraries.

- 1. Run quick start from the Oracle Middleware home located under Utils folder.
 - The WebLogic Platform Quick Start screen opens.



- 2. Select Getting started with WebLogic Server.
 - The Fusion Middleware Configuration Wizard opens.



- 3. Select Extend an existing WebLogic domain.
- 4. Click Next. The Select a WebLogic Domain Directory screen opens.

Fusion Middleware Configuration Wizard	_ _ X
Select a WebLogic Domain Directory	ORACLE
Select a WebLogic domain directory:	
E C WES-1036	
coherence_3.7	
🕀 🔁 domains	
🕀 🔁 jdk160_29	
irockit_160_29_D1.2.0-10	
🕀 🛅 logs	
🗉 🖻 modules	
🗉 📄 oracle_common	
Oracle_OSB1	
user_projects	
🖃 🚞 domains	
🕀 😭 osb_domain	
E 😭 rib_domain	
🕀 🧊 riha_domain	
E Car RSBDomain	
rsb_domain	
E 🧊 test_riha_domain	
	T
	_
Exit Help	Previous

- 5. Select the domain that requires ADF runtime libraries.
- 6. Click Next. The Select Extension Source screen opens.

Select Extension Source	DRACLE
Extend my domain automatically to support the following added products: Basic WebLogic Server Domain - 10.3.6.0 [wiserver_10.3]* Oracle Service Bus OWSM Extension - 11.1.1.6 [Oracle_OSB1] Oracle Enterprise Manager - 11.1.1.0 [oracle_common] Oracle Service Bus for developers - 11.1.1.6 [Oracle_OSB1] Oracle Service Bus - 11.1.1.6 [Oracle_OSB1] Oracle Service Bus - 11.1.1.6 [Oracle_OSB1] Oracle Service Bus - 11.1.1.6 [Oracle_COSB1] Oracle Service Bus - 11.1.1.0 [Oracle_COMPON]	
Cracle JRF WebServices Asynchronous services - 11.1.1.0 [oracle_common] Cracle JRF - 11.1.1.0 [oracle_common] Basic WebLogic SIP Server Domain - 10.3.6.0 [wiserver_10.3] WebLogic Advanced Web Services for JAX-WS Extension - 10.3.6.0 [wiserver_10.3]	
O Extend my domain using an existing extension template Templete location: D1/WLS-1036 Browse	revious Next

- 7. Select the Oracle JRF-11.1.1.0 checkbox to add ADF run-time libraries.
- 8. Click Next. The Select Optional Configuration screen opens.

E Fusion Middleware Configuration Wizard	_ 🗆 🗙
Select Optional Configuration	ORACLE
	I
 Managed Servers, Clusters and Machines Add or Delete Modify Settings Deployments and Services Target to Servers or Clusters 	
Exit Help	Previous Next

- **9.** Select the Managed Servers Clusters and Machines checkbox to create managed servers, if a managed server needs to be created.
- 10. Select the Deployments and Services checkbox to add ADF run-time.

nfigi	ure Managed S	re Configuration ervers				ORACLE
4 e	dd 🗙 <u>D</u> elete 💍					Switch Displa
_	Name*	Listen address*		Listen port	SSL listen port	SSL enabled
→ 1	riha-server	listenaddress	T	7003	N/A	

11. Click **Next**. The Configure Managed Servers screen opens.

- **12.** Click **Add** to add a managed server and edit the name and ports of the managed server.
- **13.** Click **Next**. The Configure Clusters screen opens.

Add 3€ Delete O Discard Changes	
	RACLE
Name# Chuter messaring mode Multicast address Multicast port Chuter	Switch Display
Haine Custer messaging mode Muticast address Muticast port Cluster	address
Eyt Help Pre	vious

- **14.** Click **Add** and configure the clusters if needed.
- **15.** Click **Next**. The Configure Machines screen opens.

Fusion Middleware Configure	uration Wizard		<u>- 🗆 ×</u>
Configure Machines			ACLE.
Machine Unix Machine			
🛃 Add 🛛 🗱 Delete 🖉 Discard Chang	85		
Name*	Node manager listen address	Node manager listen port	
Exit Help		Previous	; <u>N</u> ext

16. Click **Add** and configure the machines.

get Deployments to		ORACLE
ect clusters or servers in the	left pane. Then check applications in the right pane to target them to the select	ed clusters or servers.
arget	riha-server	
Server	Deployments	Target
- to AdminServer	E 🗹 🚞 Application	
- 🔊 riha-server	FMW Welcome Page Application#11.1.0.0.0	AdminServer, riha-server
	DMS Application#11.1.1.1.0	AdminServer, riha-server
	✓ wsil-wls	AdminServer, riha-server
	🖻 🗹 🛅 Library	
	✓ oracle.bi.jbips#11.1.1@0.1	AdminServer, riha-server
	✓ oracle.bi.composer#11.1.1@0.1	AdminServer, riha-server
	✓ oracle.bi.adf.model.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.bi.adf.view.slb#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.bi.adf.webcenter.slib#1.0@11.1.1.2.0	AdminServer, riha-server
	✓ oracle.wsm.seedpolicies#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.jsp.next#11.1.1@11.1.1	AdminServer, riha-server
	✓ oracle.dconfig-infra#11@11.1.1.1.0	AdminServer, riha-server
	✓ orai18n-adf#11@11.1.1.1.0	AdminServer, riha-server
	✓ oracle.adf.dconfigbeans#1.0@11.1.1.2.0	AdminServer, riha-server
	Select All Disgard Changes	

17. Click **Next**. The Target Deployments to Clusters or Servers screen opens.

- **18.** Select the clusters or servers in the left pane.
- **19.** Select the services in the right pane to target them to the selected clusters or servers.
- Fusion Middleware Configuration Wizard _ 🗆 🗙 Configuration Summary ORACLE Click on an item in the Domain Summary pane on the left to inspect its attributes in the Domain Summary Summary View: Deployment Details pane below. You can make limited adjustments by clicking Previous to return to a prior panel. If everything is satisfactory, click Create. -🛅 riha_damain (\u00\userhome\WLS-1036\user_project 🔺 Details E Server Attribute Value AdminServer Basic WebLogic Server Domain Name 😑 🛅 Service Description Create a basic WebLogic Server domain without installing sample app 🖻 🛅 Shutdown Class Author Oracle Corporation Location D:\WLS-1036\wlserver_10.3\common\templates\domains\wls.jar – 🗋 JOC-Shutdown DMSShutdown Name Description Author 😑 🛅 Startup Class Oracle JRF Description Required for Fusion Middleware Components and applications built us] JRF Startup Class] JPS Startup Class Oracle Corporation Location D:\WLS-1036\oracle_common\common\templates\applications\jrf_ter ODL-Startup AWT Application Context Startur Name Oracle BI-ADF Runtime JMX Framework Startup Class Description Required for domains using BI-ADF runtime libraries Oracle Corporation Author Location D:\WLS-1036\oracle_common\common\templates\applications\oracle - 🚺 JOC-Startup - 🗋 DMS-Startup Name WLDF System Resource
 Modelse EMWDEW Oracle BI Composer Runtime Module-FMWDFW Description Oracle BI Composer Runtime extension template Ŧ Ŧ Þ Previous Create E⊻it Help
- **20.** Click Next. The Configuration Summary screen opens.

Fusion Middleware Configuration	ation Wizard
Extending Domain	ORACLE
	Progress: 100%
ORACLE'	Preparing Extracting Domain Extension Contents Saving the Domain Information Updating Domain Information String Substituting Domain Files Performing OS Specific Tasks Performing Post Domain Creation Tasks Domain Extension Applied Successfully! Domain Location: /u01/rtswls/Oracle/Middleware/user_projects/domains/adf_domain7 Admin Server URL: http://mspdv170:7001
Exit Help	Previous Done

21. Click **Create**. The Extending Domain screen opens.

22. Click Done. The domain is extended to add ADF run-time libraries.

Deploying RIHA ear File from RIB-HOME

This section describes the steps to deploy RIHA ear from rib-home. Single RIHA ear file is used for all the rib-apps and deployment is supported only from rib-home.

To deploy RIHA app from rib-home:

- 1. Download RibHospitalAdministration-Web-14.0.0 for all 14.x.xApps_eng_ ga.tar and extract it to RIB_INSTALL/rib-home/tools-home.
- 2. Go to the location rib-home/tools-home/riha/conf
- **3.** Edit the riha-deployment-env-info.properties with riha-admin-server-connection-url value

Ex: riha-admin-server-connection-url=t3://host:portto the location rib-home/tools-home/riha/conf

a. Edit target server name where RIHA app should be deployed.

Ex: riha-wls-target-name=AdminServer

This means riha app will deploys to AdminServer.

Ex: riha-wls-target-name=m1

This means riha app will deploys to Managed Server 'm1'.

b. Edit cluster name where RIHA app should be deployed.

If no cluster is configured then enter cluster name as "no_cluster"

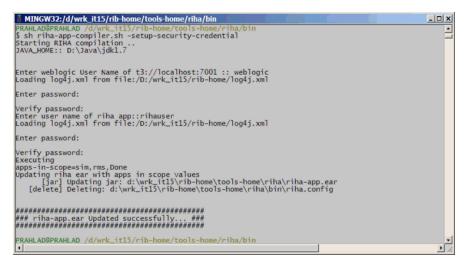
Ex:riha-wls-cluster-name=no_cluster

If any cluster is configured then enter the name of the cluster.

Ex:riha-wls-cluster-name=New_Cluster_1

4. Compile the riha-app. Security credentials get configured while compiling with the following command:

tools-home/riha/bin: ./riha-app-compiler.sh -setup-security-credential



- **5.** Prepare Weblogic for RIHA deployment: by executing this step all the datasource required by RIHA application will be created based on the number of applications in scope of rib-deployment-info.xml and user information required for riha app to login will be created (RihaAdminGroup and user entered in riha compilation phase) tools-home/riha/bin: ./riha-app-deployer.sh -prepare-wls.
- **6.** Deploy RIHA app by executing tools-home/riha/bin: ./riha-app-deployer.sh -deploy-riha-app
- **7.** If needed you can undeploy RIHA by executing tools-home/riha/bin: ./riha-app-deployer.sh -undeploy-riha-app

Testing the Deployment

This section describes the steps to test the deployment.

Navigate to the post deployment screen.

1. Click the **Control** tab.

ORACLE WebLogic Server*	Administration Console		ō
Change Center	😰 Home Log Out Preferences 🐼 Record Help	Welcome, weblogic Connected to: riha	domain
Wew changes and restarts	Yone stummery of Deployments sinker epp		
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Settings for nha-app Overview Deployment Plan Configuration Security Targets Control Testing Hontoring Roles		
Domain Structure	Start/Stop Intaise Caches		
rha, sonan 8 thiviouriert 1-Deployments 18 Services 1-Security Realms	Use this page to start or stop a deployed Britegrate application. Enterprise Application		
B-Sytemperability B-Diagnostics	Stat v Stop v	Showing ito Lof 1 Previous 1	Next
	F Name A	State Type	
	R Briterapp	Active Britery Applica	
	8 634		
	None to display		
Now do L. 8	B Modules		
 Start and stop a deployed Enterprise application 	rhagi	Web Applica	ston
 Configure an Enterprise application 	E Web Services		
 Create a deployment plan 	None to display		
 Target an Enterprise application to a server Test the modules in an Enterprise application 	3at v 3co v	Showing 1 to 1 of 1 Previous 1	Next
	Servicing all requests		-1
System Status	Servicing only administration requests		_
Health of Running Servers			
Palled (0) Critical (0) Overloaded (0) Warring (0) Or (1)			
WebLape Server Venion: 39,36.0 Copyright (): 1996, 2011, Oracle and/or Its afflictes. Al Oracle is a registered Vadersack of Oracle Corporator	N njelo neorvad. or melja i balladas. Olaur sames nag ke tradenarks of bair respective porres.		

2. Select the application. Click **Start**.

ORACLE WebLogic Server®	Administration Console	<u> </u>
Change Center	😰 Hone Log Out: Preferences 🐼 Record Help	Welcome, weblogic Connected to: best_nha_domain
Wew changes and restarts	Kone >Summary of Deployments	
Click the Lock & Edit button to modify, add or delete items in this domain.	Start Application Assistant	
Lock & Edt	Yes No.	
Release Configuration	Start Deployments	
Domain Structure	Tou have selected the following deployments to be started. Click Yes' to continue, or Yis' to cancel. • rhanepp(v2.0)	
test,nha_domán ® t5nvisonnent Poployments ® t5envices	<u>Ma</u>	
Security Realms ®-Sinterspendolity ®-Diagnostics		
How do 1		
No task help found.		
System Status		
Health of Running Servers		
Paled (0)		
Ontcal (0) Overloaded (0)		
Warning (0) OK (1)		
Weblage Server Venors (5.1.6.0 Copyright © 1996, 2011, Oracle and/or Is afflates, Al	i della marcad.	
	regular more non. nand/or h/affiliates. Other names may be trademarks of their respective conners.	

3. Click Yes.

ORACLE WebLogic Server®	Administration Console	0
Change Center	Mome Log Out Preferences Im Record Help	Welcome, weblogic Connected to: test_riha_domain
Wew changes and restarts	Home >Summary of Deployments > what upp(V2.0)	
Click the Lock & Edit button to modify, add or delete items in this domain.	Settings for riha-app(V2.0)	
Look & Edt	Overview Deployment Plan Configuration Security Targets Costrol Testing Monitoring Notes	
Release Configuration	Start/Stop Inteler Caches	
Domain Structure test_rha_domain @ fbr/aroment —Deployments	Use this page to start or stop a deployed Britegrine application. Enterprise Application	
8-Services In:Security Realms	Start v Stop v	Showing 1 to 1 of 1 Previous Next
8-Intersperability	🗖 Rame 🔅	State Type
8-Diagnostics	C Brite-ep (/2.0)	Active Enterprise Application
	8 £25	
	None to deplay	
	⊟ Middules	
How do L.	rhegi	11eb Application
 Start and stop a deployed Enterprise 	B Web Services	
application	None to deplay	
Configure an Enterprise application Create a deployment plan	Start + Stop +	Showing 1 to 1 of 1 Previous Next
Target an Enterprise application to a server		
Test the modules in an Enterprise application		
Sustem Status 8		
strong strong		
Health of Running Servers		
Palled (0) Ontrol (0)		
Overlaaded (I)		
Warning (0) OK (1)		
WebLogic Server Venion: 35.34.0 Copyright © 1996, 2013. Oracle and/or Its allifetes. All Oracle is a registered trademark of Oracle Corporation	l njih marval. a adije is ufilian. Ober nama nay ke izalemati al finir napacina osnen.	

• The deployed tool is started successfully.

Change Center	🏚 Home Log Out Preferences 🔤 Ri	cond Help	Welcome, weblogic Connected to: test_riha_dom
Wew changes and restarts	Home >Summary of Deployments > vilka-a	99(V2.0)	
Click the Lock & Edit button to modify, add or	Settings for riha-app(V2.0)		
delete items in this domain.	Overview Deployment Plan Config	uration Security Targets Control Testing Monitoring Notes	
Lock & Edt			
Release Configuration	Some deployment types support test p	cints you can use to verify that a deployment was successful and that the module is read	ly for use.
Domain Structure	The following table includes all of the b	est points available for this application or module.	
est_rha_domain	T.		
8 Environment. Deployments	Deployment Tests		
8-Services			Showing 1 to 1 of 1 Previous Next
Security Realms 8-Intercoperability	Name 🖧	Test Point	Comments
E-Diagnostics	Sinha-app		
	Britegi		
	/faces/hospitalAdmin.3spx	http://10.176.199.141:7001/hha-gu/faces/hospta/Admin.gox	Welcome file /faces/hospitalAdmin.jspx on server AdminServer
	default	http://10.176.159.141:7001/Ha-gu	Default url on server AdminGerver
tow do L. 8			
 Start and stop a deployed Enterprise application 			
Configure an Enterprise application			
 Create a deployment plan 			
 Target an Enterprise application to a server 			
Test the modules in an Enterprise application			
System Status 🛛			
Health of Running Servers			
Falled (0)			
Critical (0)			
Overloaded (0) Warning (0)			
OK (1)			

4. Click on the Testing tab and expand the deployed tool to access the URL of the tool.

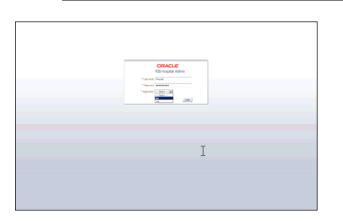
Navigation and Help

This chapter describes the navigation steps in the Oracle Retail Integration Bus Hospital Administration or RIB Hospital Administration (RIHA) application.

Log in to RIHA

This procedure explains how to log in to the application.

1. Enter the application URL http://<host>:<port>/riha-gui in the address bar of the browser.



Note: Using Mozilla Firefox Web browser is recommended.

- **2.** In the User Name field, enter the user name configured at the time of installation of the application.
- **3.** In the Password field, enter the password.
- **4.** Select the application name from the drop down to go the error hospital details of a particular application.
- 5. Click Login. The application home page appears.

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		Adapter Class Def Location	Adapter Instance Number	In Queue	Delete Pending	Attempt Count	Max Attempts	Last Error Date/Time	
		rb-ons_fulfi0rdChiOrc_sub	1			1	5	2013-06-13 11:45:43	
	core esfulfiordChrOrc		1	8		1	5	2013-06-13 11:42:46	
fulfiordcfm fulfiordcfmov		rb-ons_FulfiOrdCfm_sub	1	1		1	5	2013-06-12 06:21:28	
fulfiordcfm fulfiordcfmar		rb-ons_FulfiOrdCfm_sub	1	×		1	5	2013-06-12 06:19:09	
ItenLoc itenlocore	et/tenLocPronRHS	rb-sin_heni.oc_s.b	1			5	5	2013-06-03 01:10:16	
ItenLoc Benlocore	et3tenLocFromRHS	rb-rvms_DenLoc_sub	1			5	5	2013-06-03 01:10:16	
ItemLoc itemlocore	et3tenLodhonRMS	rb-sim_ltenLoc_sub	1			5	\$	2013-06-03 01:09:36	
ItenLoc itenlocore	etStenLoofhonRPIS	rb-rvms_DanCoc_sub	1			0	5	2013-06-03 01:09:36	
Diffs Diffore	etDiffsFronRMS	rb-runs_Dffs_sub	1			5	5	2013-05-29 02:55:30	
orfs office	+Officienskis	nh-sin Diffs sub				5	5	2013-05-29.02:55/30	-
Hospital Record Details	fessage Viewer	Tor fulfilor	lefter on some	Attend (Tread Blue		-
Idapter Class Def Location inib-ome			canoccas	Max Atte			Jms Queue 1d		
Adapter Instance Number 1		Publish Time 2013-0	-13 114543	Delete Pe			Custom Flag		
Family Fulfillon	defmane	InQueue 1			lane etfullijordCl	imCnc		2013-06-13 11:45-43.668 15T First Previous Next Liet	

Search for a Hospital Record

This procedure explains how to search for a hospital record in RIHA.

Basic Search

By default, the basic search option is enabled. Basic search is done using the Equal to operator against the given search values.

Click **Reset** to clear the data from search fields.

To perform a Basic Search:

1. Log in to the application.

≤Search Criteria Nath Cal € any			
Renly		RbMessageld	4
ы	- 10	Tipe	2
PublishTime	43		

- **2.** In the Search Criteria section, enter or select the criteria to limit your search in one or more of the following fields:
 - Family
 - ID
 - Publish Time
 - RIB Message ID
 - Message Type

Note: Select **All** to match all fields in the search. Select **Any** to match any field in the search criteria.

3. Click **Search**. The hospital records that match the search criteria are populated in the search results table.

Ver + Format +	C Load Message	Details on Selection			Import Save	to File Delete S	Retry	Treeze Detad	n 🛛 🖓 Wap	
Family	Message Type	TopicName	Adapter Class Deflocation	Adapter Instance Number	In Queue	Delete Pending	Attempt Count	Nax Attempts	Last Error Date/Time	
DSDReceipt	DSDRECEIPTORE	etDSDReceipt	rib-ms DSDReceipt sub	1			5	5	2013-07-04 04:28:45	
DSDReceipt	DSDRECEIPTCRE	etDSDReceipt	rb-ms_DSDReceipt_sub	1			5	5	2013-06-21 02:24:47	
DSDReceipt	DSDRECEIPTHOD	etDSDReceipt	rib-ms_DSDReceipt_sub	1			5	5	2013-06-21 02:10:54	
DSDReceipt	DSDRECEIPTORE	etDSDReceipt	rb-ms_DSDReceipt_sub	1			5	5	2013-06-21 01:13:43	
DSDReceipt	DSORECEIPTORE	etDSDReceipt	nb-ms_DSDReceipt_sub	1			5	5	2013-06-18 03:27:33	
FulfiOrdefrienc	FulfiOrdefmencere	eFulfiordChrore	rb-ons_FulfiOrdCfnOrc_sub	1	1		1	5	2013-05-13 11:45:43	
etFulfOrdcfmore	etFulfiOrdcfmcrccre	eFulfiordCfmCrc	rb-ons_FulfIOrdCfnOrc_sub	1			1	5	2013-06-13 11:42:46	
fulfiordcfm	fulfiordcfmcre	eFulfiOrdCfn	rb-ons_FulfiOrdCfm_sub	1			1	5	2013-06-12 06:21:28	
fulfiorddfm	fulfiordcfmcre	e#uff0rd0fm	rb-ons_FulfiOrdCfm_sub	1	1		1	5	2013-06-12 06:19:09	
Then i or	iteniorme	effteni orFronRMS	rib-sin Thenlor, sub	1			5	5	2013-06-03.01:10:16	

Advanced Search

By default, the basic search option is selected in the application. In the search panel, click **Advanced** to switch to advanced search option. Advanced search allows you to add more search fields to the search criteria. Click Add Fields to add more fields.

In the advanced search, the operators of each search field can be changed to other available options.

Click **Basic** to switch back to the basic search option.

Click **Reset** to clear the data from search fields.

To perform an Advanced Search:

- **1.** Log in to the application.
- 2. Click Advanced in the search panel.

≤ Search C							Besc
Natch C Al		 					
Family	Equais	1	RibMessageld	Equals	×	2	
16	Equals		Type	Equals			
PublishTime	On or after 💽	8					
							Search Reset Add Fields •

- **3.** Click **Add Fields**. Additional fields are listed. Select the required fields to add to the search criteria.
 - Click the red cross mark icon besides the field to remove the field from the search criteria.
- **4.** Enter values in the respective fields and click **Search**. The hospital records that match the search criteria are populated in the search results table.

Delete a Message

This procedure explains how to mark a message for deletion from the RIB Hospital.

- **1.** Log in to the application.
- **2.** Search for hospital records.
- **3.** Select a row that represents a hospital record.
- **4.** Click **Delete**. The message is deleted when the hospital retry adapters and/or process checks for messages to be deleted from the RIB Hospital.

Note: A message that is in queue (as indicated when the check box in the In Queue column is selected) cannot be deleted.

Stop a Message

This procedure explains how to stop a retry adapter and/or a process from attempting to retry a message.

- 1. Log in to the application.
- **2.** Search for a message.
- **3.** Select a row that represents a hospital record.
- **4.** Click **Stop**. The retry adapter and/or a process does not attempt to reprocess the message until you select the message for Retry.

Note: A message that is in queue (as indicated when the check box in the In Queue column is selected) cannot be stopped.

Retry a Message

This procedure explains how to retry a message after you have stopped the retry adapter and/or process from re-processing it.

- **1.** Log in to the application.
- **2.** Search for a message.
- **3.** Select a row that represents a hospital record.
- 4. Click Retry.

Note: A message that is in queue (as indicated by the check box in the In Queue column is selected) or pending deletion (as indicated by the check box in the Delete Pending column is selected) cannot be retried.

View and Edit a Message

This procedure explains how to view a message.

- **1.** Log in to the application.
- **2.** Search for hospital records.
- **3.** Click the **Load Message Details on Selection** check box located in the search results table.
- **4.** Select a row to view the payload of hospital records.
- **5.** Click the **Message Viewer** tab. The message viewer displays the payload in text mode.

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6. You can edit the message shown and click **Save** to save the message.

Save a Message Locally

This procedure explains how to save a message locally.

- 1. Search for a message and select a row.
- **2.** Click **Save To File**. The message is saved to a RibMessage.xml, a text file named by default.

Import a New Hospital Record to Hospital Tables

This procedure explains how to retrieve a message from a local location.

- 1. Click Import.
- 2. Search for a message and select a row.
 - A popup browser opens with an option to browse for a hospital entry to be loaded.

The message must be in the following specified format.

```
<HospitalEntry>
<AdapterClassLocation>AdapterClassLocation</AdapterClassLocation>
<Family>Family</Family>
<Type>Type</Type>
<TopicName>TopicName</TopicName>
<CustomFlag>F</CustomFlag>
<CustomData> <! [CDATA [ CustomData ] ]> </CustomData>
<ReasonCode>ReasonCode</ReasonCode>
<RibMessagePayloadView>
<RibMessagePayload>
<MessageData> <![CDATA[ <Message Xml> ]]> </MessageData>
</RibMessagePayload>
</RibMessagePayloadView>
<RibMessageRoutingInfoView>
<RibMessageRoutingInfo>
<SeqNumber>0</SeqNumber>
<Name>Name</Name>
<Value>Value</Value>
<Detail1Name>DetailName</Detail1Name>
<Detail1Value>DetailValue</Detail1Value>
```

```
</RibMessageRoutingInfo>
</RibMessageRoutingInfoView>
</HospitalEntry>
```

Update an Existing Hospital Record

This procedure explains how to update an existing hospital record location.

- 1. Search for a message and select a row (see View and Edit a Message).
- 2. Save the hospital entry locally (See Save a Message Locally).
- **3.** Edit the hospital entry file.
 - Do not edit or remove any of the <MessageNum> attributes.
- 4. Click Import.
 - A popup browser window opens with an option to browse for the edited hospital entry to be loaded.

The message must be in the same format in which it was saved.

Format the hospital entry to be updated.

```
<HospitalEntry>
  <MessageNum>12345</MessageNum>
  <AdapterClassLocation>AdapterClassLocation</AdapterClassLocation>
  <Family>Family</Family>
  <Type>Type</Type>
  <RibMessageId>RibMessageId</RibMessageId>
  <Id>Id</Id>
  <PublishTime>YYYY-MM-DD HH:MM:SS</PublishTime>
  <TopicName>TopicName</TopicName>
  <ThreadValue>ThreadValue</ThreadValue>
   <JmsQueueId>jmsId</JmsQueueId>
   <CustomFlag>F</CustomFlag>
   <CustomData> <![CDATA[ CustomData ]]> </CustomData>
   <ReasonCode>ReasonCode</ReasonCode>
   <RibMessagePayloadView>
      <RibMessagePayload>
        <MessageNum>12345</MessageNum>
         <MessageData> <![CDATA[ <Message Xml> ]]> </MessageData>
     </RibMessagePayload>
  </RibMessagePayloadView>
  <RibMessageRoutingInfoView>
      <RibMessageRoutingInfo>
        <SeqNumber>0</SeqNumber>
        <Name>Name</Name>
         <Value>Value</Value>
         <Detail1Name>DetailName</Detail1Name>
         <Detail1Value>DetailValue</Detail1Value>
     </RibMessageRoutingInfo>
   </RibMessageRoutingInfoView>
</HospitalEntry>
```

View Hospital Record Details

This procedure explains how to see detailed information about a hospital record.

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- 1. Search for a message (see "View and Edit a Message").
- **2.** Select a row that represents a hospital record.
 - By default, the Hospital Records Detail tab is active and displays the selected row's hospital record details.
 - The size of the pane can be adjusted by using the arrow mark located in the right side of the pane.

View the Error History of a Message

This procedure explains how to view a message's error history.

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- 1. Search for a message (see "View and Edit a Message").
- **2.** Select a row that represents a hospital record.
 - By default the Hospital Records Details tab is active and displays hospital record details for the selected row.

• Click on the arrow located near the error history. This will expand the pane and display errors associated with each of the possible retry attempts.

View the Hospital Reference Information of a Message

This procedure explains how to view a message's hospital reference information.

Note: This pane contains data that applies only to retailers who have access to the custom code.

This pane displays records that are already in the RIB_MESSAGE table but are prevented from being retried until another record has been successfully retried. Once the other record has been successfully retried, the Reason Code in the RIB_MESSAGE table for the record being referenced in the Hospital Reference column is set to the new Reason Code to make it available for retry. View the hospital record details for a message (see View Hospital Record Details).

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2653245	2	7/4/2013	rb-ms_DSDRecept_sub	1	(avax.e)b.E38Exception: Exception while processing request: E	SY	
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- 1. Search for a message (see View and Edit a Message).
- 2. Select a row that represents a hospital record.
 - By default the Hospital Records Details tab is active and displays hospital record details of the selected row.
 - Click on the arrow located near the hospital reference information. This will expand the pane and display associated reference information.

View the Routing Information of a Message

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2653245	1	7/4/2013	rib-rims_DSDReceipt_sub	1	Javax.eb.EXException: Exception while processing request: E	SY	
2653245	2	7)4/2013	rib-ms_DSDReceipt_sub	1	Javax.eb.E38Exception: Exception while processing request: E	SY	
2653245	3	7/4/2013	rib-rms_DSDReceipt_sub	1	javax.eb.E38Exception: Exception while processing request: E	57	
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This procedure explains how to view a message's routing information.

- 1. Search for a message (see View and Edit a Message).
- **2.** Select a row that represents a hospital record.
 - By default the Hospital Records Details tab is active and displays hospital record details of the selected row.
 - Click on the arrow located near the routing information. This will expand the pane and display associated reference information.

Glossary

Term	Definition	
Attempt Count	The number of times the system has tried to process the message.	
adapter	An adapter represents one or more threads of control within the adapter that publishes or subscribes to the applicable XML messages.	
Custom Flag	This value is used to signal that the message contains custom data. This is not currently used by the RIB; therefore its value is always set to F (false).	
Delete Pending	A Yes means that the message is marked for deletion and will be removed from the RIB Hospital when the retry adapter and/or process checks for messages to be deleted from the RIB Hospital. No means that the message is not pending for deletion.	
Family	The valid message family to which the message belongs. Each message family contains information specific to a related set of operations on a business entity or related business entities.	
Hospital ID	This is the identifier of a single message in the Hospital database. It is the primary key that associates the message in the RIB_MESSAGE table with its corresponding data in the RIB_MESSAGE_FAILURE, RIB_ MESSAGE_ROUTING_INFO and RIB_MESSAGE_HOSPITAL_REF tables.	
ID	Optional ID string that identifies the message. Composite primary keys require multiple IDs. For example, a line item within a Purchase Order may contain the PO number and line item number as part of the ID. For example: <id>PONumber=12345</id>	
In Queue	If Yes, messages in the queue are waiting to be reprocessed. If No, messages are not being reprocessed.	
JMS Queue ID	This ID represents the JMS server that the message is published to during retries from the hospital. The ID also represents the JMS server from which the message was originally published (or from which the message was originally attempted to be published). The format of this field is <jms host="" name="">:<jms host="" port="">.</jms></jms>	
Last Error Description	The text of the error message that describes why the message failed to process.	
Location	The adapter name and/or process name.	
Max Attempts	The maximum number of times a message in the RIB Hospital should be re-processed by an application.	

Term	Definition		
Message Type	Each message family contains a set of sub-formats specific to the business event triggering message publication. The term message type embodies this specific sub-format. For example: a Purchase Order message family can contain message types such as Create PO Header, Create PO Detail, Update PO Header, or Delete PO Detail.		
Publish Time	The date/timestamp indicating when the message was published.		
Reason Code	This value identifies whether an error occurred during publication of the message or during consumption (subscription). The indicators are JMS, SUB, and PUB. The PUB reason code is used by RMS to indicate that a reference to a message must be retained in the RIB Hospital. When retried, the adapter must call a special stored procedure (PUB_ RETRY) that will publish the message once some specific conditions are met in the RMS application.		
RIB Message ID	ID of the Message within the RIB Hospital. This value is set only after the message is checked into the RIB Hospital.		
Thread Value	The thread value is used for parallel processing of messages within the same family. This value is added to the message during publication to the JMS so that it can be routed through a specific adapter and/or process.		