

Retek[®] Integration Bus[™] Hospital Administration

User Guide

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Internet (ROCS)	rocs.retek.com Retek's secure client Web site to update and view issues
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Phone	+1 612 587 5800
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Hong Kong	800 96 4262
Korea	00 308 13 1342
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Mail	Retek Customer Support Retek on the Mall 950 Nicollet Mall Minneapolis, MN 55403
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- Functional and technical description of the problem (include business impact).
- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

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Chapter 1 – Welcome to RIB Hospital Administration

Overview

You can use RIB Hospital Administration to diagnosis errors that occurred while processing messages through the Retek Integration Bus (RIB). You can also use it to retry a message, stop processing a message, edit a message's XML code, or mark a message for deletion from the RIB Hospital.

You will find more detailed information about the Retek Integration Bus and the RIB Hospital in the following publications available in PDF format from Retek:

- RIB Integration Guide: An introduction to basic Enterprise Application Integration (EAI) concepts and to the RIB.
- RIB Operations Guide: Backend information about the Error Hospital, including configuration.
- RIB Technical Architecture Guide: An overview of the RIB architecture. It provides a description of the SeeBeyond components used and the adaptors developed for Retek 11.x integration.
- RIB Installation Guide: An overview of the hardware, software, and browser requirements needed to run the RIB Hospital. It also provides application installation instruction.

Chapter 2 – Navigating the RIB Hospital

This section describes how to navigate the RIB Hospital GUI.

Procedures

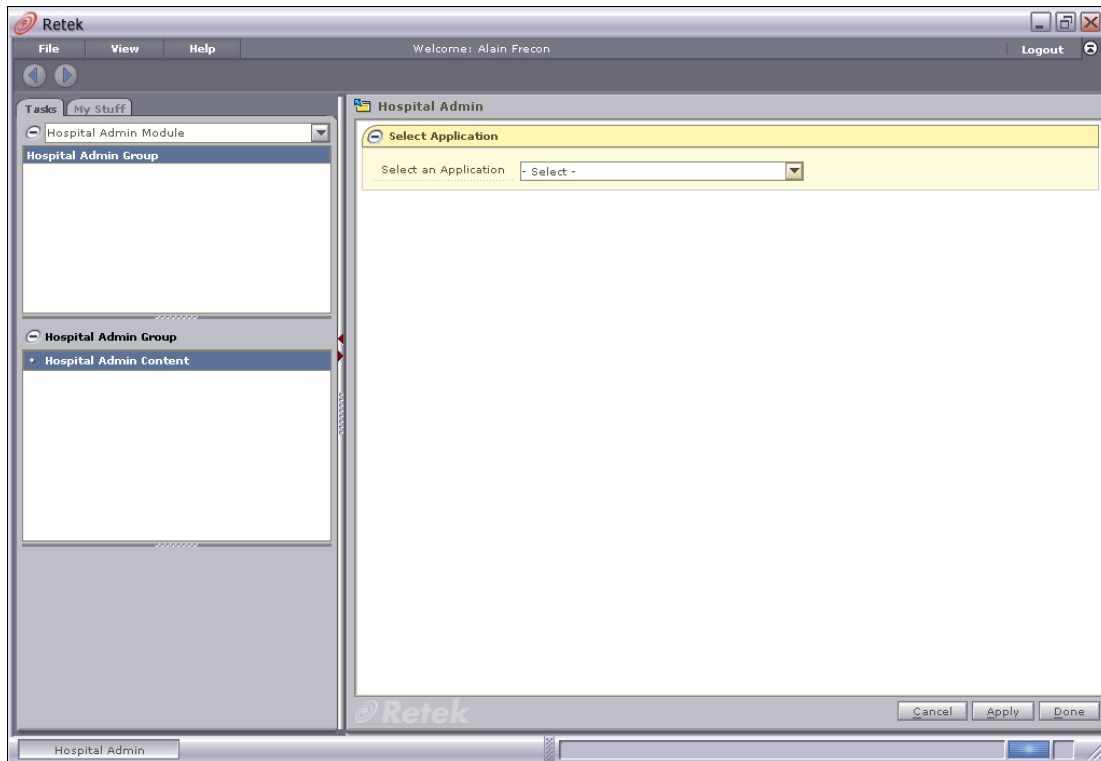
Log in

- **Navigate:** From the Retek Login window:



The Retek Login window

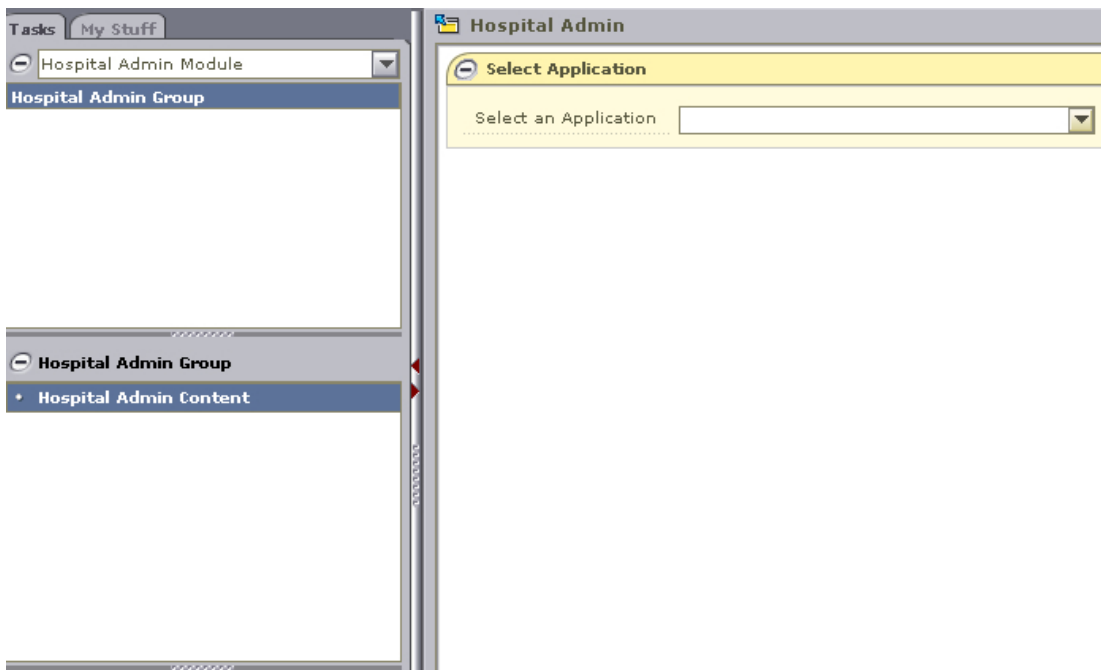
- 1 Enter your Username and Password in their respective fields.
- 2 Click **Login**. Hospital Admin Module and the Hospital Admin Content opens in the task pad.
- 3 Click **Hospital Admin Content**. The Hospital Admin workspace opens.



The Hospital Admin workspace

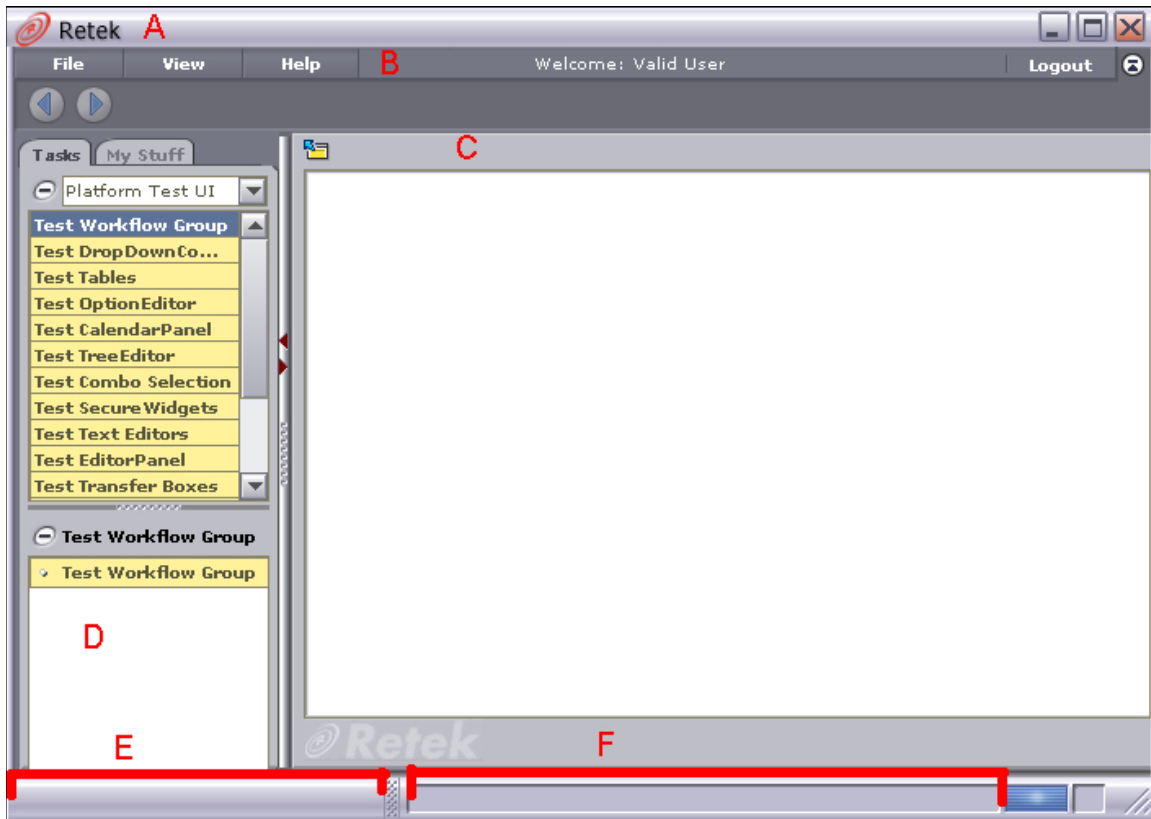
View the workspace

- **Navigate:** From the Task Pad, select Hospital Admin Content. The Hospital Admin workspace is displayed.



View the Hospital Admin workspace

After logging into the RIB Hospital, you have access to the application window. The primary elements are in the application window (shown here in a generic version).



The primary elements of the application window (generic view)

The workspace is comprised of all the elements within the application window. You manage the application and perform tasks within the workspace. Many of the elements within the workspace can be minimized, maximized, or manually resized. This allows you to customize the workspace to fit your work habits. Any changes you make are remembered by the application. The next time you log in, the elements appear as you last left them.

Element		Purpose
A	Title bar	Located at the top of the window. The title bar displays the product name. The three buttons at the far right on the title bar allow you to minimize, restore, maximize, and close the application window.
B	Header	Located below the title bar. The header provides access to commands that remain static across all tasks. The menu bar, welcome message, and global links appear here.
C	Workspace	Located next to the task pad and below the toolbar. What appears in the workspace depends on what you select on the task pad. The workspace is where you complete the tasks assigned to you.
D	Task pad	Located on the left side of the application window. From top to bottom, you can access an application, a task group, and then a task. When you select a task, the contents of the task are displayed in the workspace.

Element		Purpose
E	Task bar	Located at the bottom of the window. Task buttons, located on the task bar allow you to switch between open tasks.
F	Status bar	Located at the bottom of the window. The status bar lists the status of a task and gives other information.
	Task	A pane or a group of panes that appear in the workspace, allowing you to work.

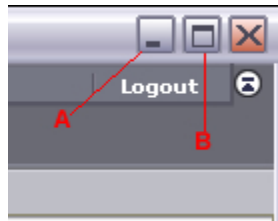
Resize elements of the workspace

The benefits of resizing become apparent as you customize the workspace to fit your work habits. You can hide or minimize elements that do not pertain to the current task. You can show or maximize the elements that are of greater importance.

The RIB Hospital window

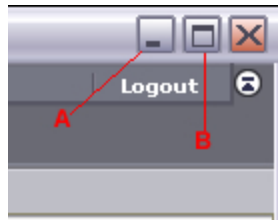
You can resize the RIB Hospital window in order to increase or decrease the amount of space it occupies on your desktop.

- To manually resize the window, place the cursor over the edge of the window. When the cursor changes to a double arrow, press and hold the left mouse button. Move the cursor until the window is the desired size. Release the left mouse button.
- To minimize the window, click the minimize icon (A).



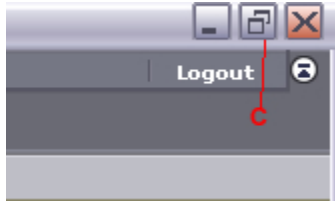
The minimize icon (A)

- To maximize the window, click the maximize icon (B).



The maximize icon (B)

- To restore the window to its previous size, click the restore icon (C).

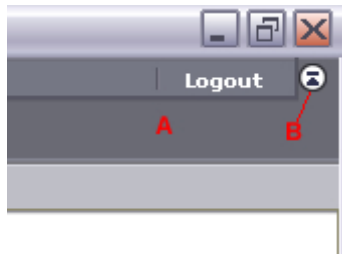


The restore icon (C)

- As an alternative method for resizing the window, right click on the button found on the Microsoft Windows task bar. On the context menu that appears, select Restore, Minimize, or Maximize.

Toolbar

- Although the toolbar occupies relatively little space in the window, you can choose to hide it or show it.



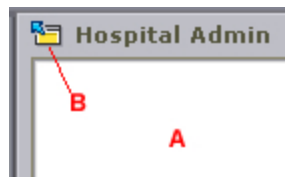
Showing and hiding the toolbar

- To expand the toolbar, click again on the same icon.

Workspace

The workspace is likely to be the most used element in the application. As such, you may want to maximize its size. Should you need to access the task pad, restore the content area to its original size.

- To expand the workspace (A), click the explode icon (B). The icon is located on the upper left corner of the content area. The content area expands to the width of the window. The task pad and the toolbar disappear.



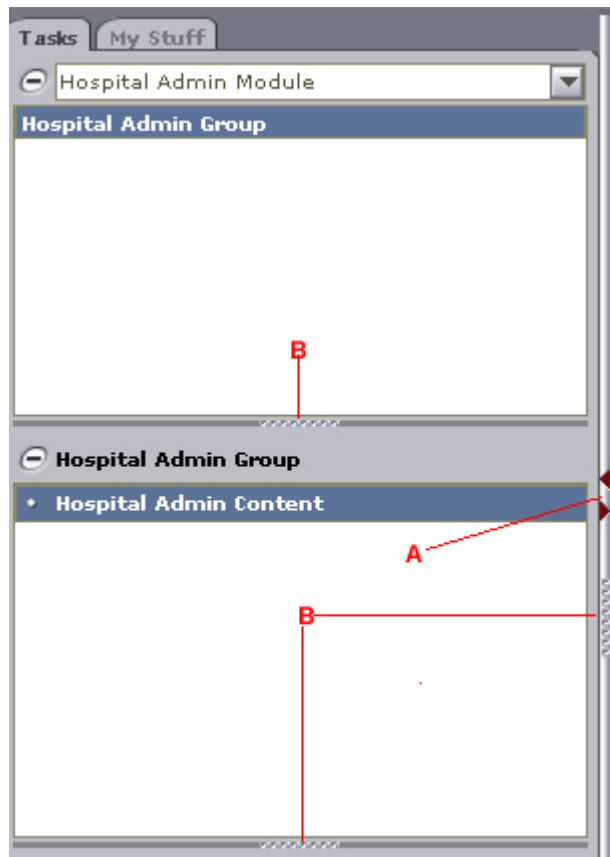
Expanding the workspace

- To restore the window to its original size, click again on the same icon. The task pad and toolbar reappear.

Task pad

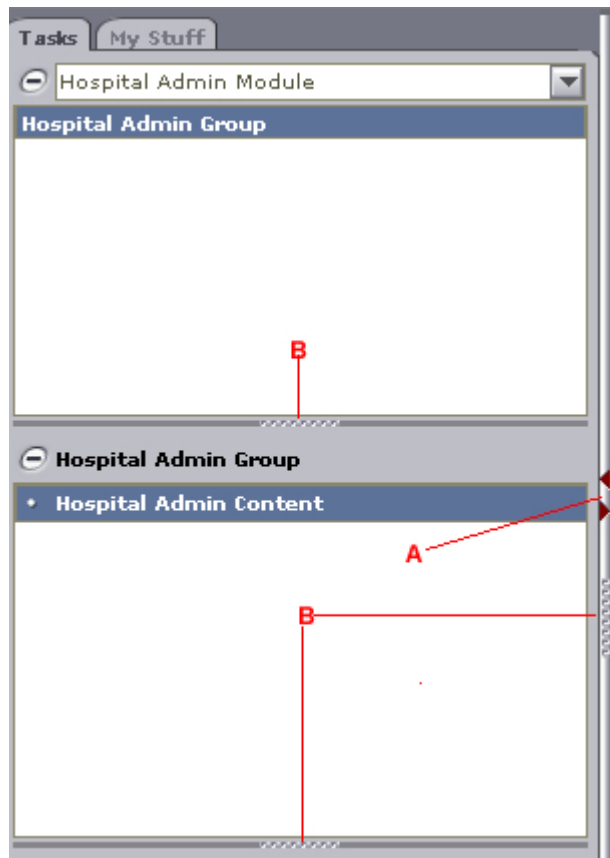
The task pad provides access to the tasks assigned to you. Once you are working on a task, you may want to reduce the size of the task pad. You may want to increase the size of the task pad in order to see the full names of the task. As you increase or decrease the width of the task pad, the width of the workspace is resized proportionally.

- To maximize the task pad, click the right arrow on the separator bar (A). To minimize the task pad, click the left arrow. Note that through the use of the arrow, the width of the task pad can be one of the following:
 - Maximized to the width of the application window.
 - Minimized to where it is no longer visible.
 - Restored to its previous size.



Maximizing and minimizing the task pad

To manually resize the width of the task pad or the length of the work areas within the task pad, place the cursor over the desired resizer (B). When the cursor changes to a left/right (or an up/down) arrow, press and hold the left mouse button. Drag the resizer until the task pad or work area is the desired size. Release the mouse button.



Using the resizer

Pane

One or more panes appear in the workspace when you select a task on the task pad. You can collapse a pane so that it does not distract you from the panes you want to work in. Only the title bar of the container is displayed after you collapse it. When you are ready to work in the collapsed container, you can then return it to its regular size.

- To collapse a pane (A), click the collapse icon (B).



Collapsing a pane

- To expand a pane, click the expand icon (C).

Expanding a pane

Look up and select field level data

The basic method for entering data in a text field is to type the text in the field. Some fields are restricted, however, as to the type of data that may be entered. The option for entering or selecting data depends on the type of data that may be required or permitted in the field. For example, some fields permit only numeric data, while others permit only alphabetic or alphanumeric data. Some fields require a date to be entered in a specific format. Some fields permit only one value, while others permit multiple values.

Calendars, drop-down lists, lists of values, and transfer boxes provide you with access to preformatted, predefined values. Instructions for using these tools are provided below.

Drop-down list

Some fields are restricted to a predefined list of values. You access a drop-down list from which you can pick the desired value.

- 1 Click on the drop-down arrow (A) next to a field. A list of predefined values appears.

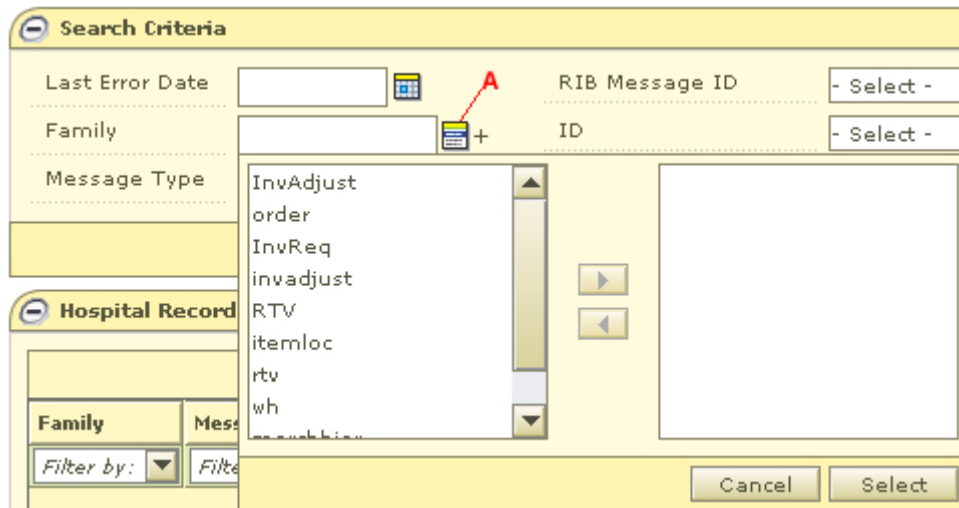
Accessing a drop-down list

- 2 Scroll through the list until the desired value appears. Select the value. The field is automatically filled in with the selected value.

List of values

When a drop-down list has more than a certain number of possible values, you can access them from the list of values (LOV) button. The list of values popup displays the set of values.

- 1 Click the LOV button next to a text field (A). The list of values popup opens.



Accessing a list of values (LOV)

- 2 Select the value or multi-select a number of values and click the right arrow. Click **Select**. The application uses the value or values in the applicable action (for a search, and so on).

Multi-select from a list

Some lists allow you to select more than one value. Multi-select allows a user to select multiple rows in a single block by using the Shift and Control keys. The functionality is analogous to the select functionality of other Windows applications.

Select continuous information

- 1 Click on a row.
- 2 Press Shift and click on another row to select all the rows in between, inclusively.

Select non-continuous information

- 1 Click on a row.
- 2 Control click on rows to select or deselect the individual rows clicked on (depending on whether they are currently selected) while leaving the other selected rows still selected.

Add the values

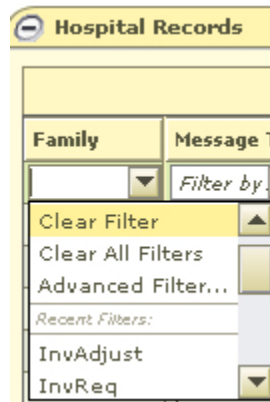
- 1 Click the down arrow to add the value to the selected area.
- 2 Click the up arrow to remove a value from the selected area.

Filter records

You search for records when none are displayed. By entering search criteria, you indicate which records must be displayed for your use. Filtering, on the other hand, allows you to reduce the number of records (or values) displayed. Again, you enter criteria indicating which of the currently displayed records must remain visible. The unwanted records are hidden from view. In either case, you are restricting the number of records (or values) displayed to a more manageable and useful number.

Use a filter

- 1 Click a **Filter by:** pull-down arrow and choose the filter method from the list.

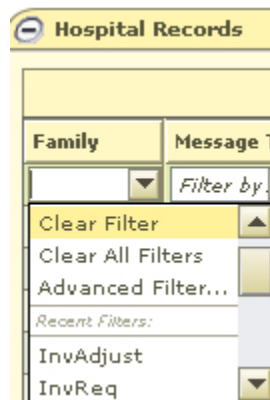


Filtering methods

- 2 If you want to filter using a previously used value, select a value that you wish to filter by from the list. You may filter using more than one column by repeating these steps for other columns.

Clear a filter or all filters

- 1 Click a **Filter by:** pull-down arrow.



Clear filter

- 2 Select **Clear Filter** to remove the filter for that column or select **Clear All Filters** to remove the filters for all of the columns.

View data through a tool tip

- To view data through a tool tip, hover your pointer over the data that you wish to see in a column.

Description	Error Type	Error Code
Filter by: ▼	Filter by: ▼	Filter by: ▼
Error ORA-06502:...	SY	
Error ORA-06502:...	Error ORA-06502: PL/SQL: numeric or value error: character string buffer too small returned by program unit RMSMFM_ORDER.BUILD_HEADER_OBJECT.	
Error ORA-06502:...		
Error ORA-06502:...		

Viewing data through a tool tip

Exit the application

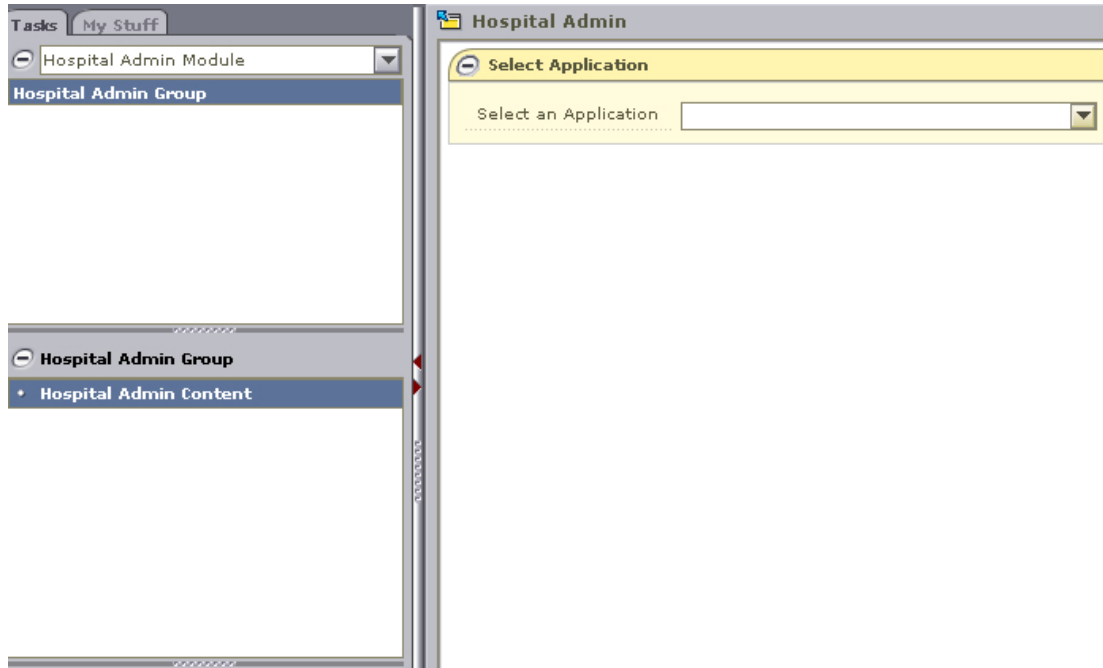
- There are a few ways you can log out of and close the RIB Hospital. You can:
 - Click **Logout** in the header.
 - Select **Close Window** from the File menu.
 - Select **Exit** from the File menu.
 - Click the close button on the title bar.



Chapter 3 – RIB Hospital Administration help

Procedures

- **Navigate:** From the Task Pad, select Hospital Admin Content. The Hospital Admin workspace is displayed.



Hospital Admin workspace

Select an application

- In the Select Application field, select an applicable application. The Hospital Admin workspace is displayed populated with the following panes, Search Criteria Hospital Records, Message Viewer, and Hospital Record Details.

Search for messages

- 1 Select an application.
- 2 Expand the Search Criteria pane.

Search Criteria

Last Error Date

Family

Message Type

RIB Message ID

ID

Free Search Text(%_)

Search

Search Criteria pane

- 3 Enter or select the criteria to limit your search in one or more of the following fields:
 - Last Error Date
 - Family
 - Message Type
 - RIB Message ID
 - ID
 - Free Search Text
- 4 Click **Search**. RIB error messages that match these criteria are displayed in the Hospital Records pane.

Hospital Records

Family	Message Type	Topic Name	Location	In Queue	Delete Pending	Attempt Count/Max Attempts	Last Error Description	Last Error Date/Time
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...

☒ Load Message Details on selection

Import From File... **Save To File...** **Delete** **Stop** **Retry**

Hospital Records pane

Delete a message

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

- 1 Select an application.
- 2 Expand the Hospital Records pane.

Family	Message Type	Topic Name	Location	In Queue	Delete Pending	Attempt Count/Max Attempts	Last Error Description	Last Error Date/Time
Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of complete and utter fail...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...

☒ Load Message Details on selection

Hospital Records pane

- 3 Search for messages.
- 4 Select a row that represents a hospital record.



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

- 5 Click **Delete**. The message is deleted the next time the hospital retry e*Ways and/or processes attempt to retrieve it from the RIB Hospital.

Stop a message

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

- 1 Select an application.
- 2 Expand the Hospital Records pane.

Family	Message Type	Topic Name	Location	In Queue	Delete Pending	Attempt Count/Max Attempts	Last Error Description	Last Error Date/Time
Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...

☒ Load Message Details on selection

Hospital Records pane

- 3 Search for a message. (If necessary, see Search for messages.)
- 4 Select a row that represents a hospital record.



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

- 5 Click **Stop**.

The retry e*Way and/or a process does not attempt to re-process the message until you select the message for Retry.

Retry a message

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

- 1 Select an application.
- 2 Expand the Hospital Records pane.

Hospital Records									
Family	Message Type	Topic Name	Location	In Queue	Delete Pending	Attempt Count/Max Attempts	Last Error Description	Last Error Date/Time	
Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	

Hospital Records pane

- 3 Search for a message. (If necessary, see Search for messages.)
- 4 Select a row that represents a hospital record.



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

- 5 Click **Retry**.

View a message

- 1 Select an application.
- 2 Expand the Hospital Records pane.

Hospital Records

Family	Message Type	Topic Name	Location	In Queue	Delete Pending	Attempt Count/Max Attempts	Last Error Description	Last Error Date/Time
Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of complete and utter fail...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...

☒ Load Message Details on selection
 Import From File...
 Save To File...
 Delete
 Stop
 Retry

Hospital Records pane

- 3 Search for a message. (If necessary, see Search for messages.)



Note: When you select a row with the Load Message Details on selection check box selected, the message data is loaded automatically. If you do not select the Load Message Details on selection check box, you must double-click the row that represents a hospital record in order to load the data.

- 4 Select a row that represents a hospital record.

- 5 Expand the Message Viewer pane and select one of the following three views:
- **Partial Tree View:** This view allows you to scroll the message one child at a time, each of which you can expand.

The screenshot shows the 'Message Viewer' window with the 'Partial Tree View' selected. The window displays a hierarchical tree structure of message data. The tree is expanded to show the 'ItemLocPhys' node, which contains a 'physical_loc' field with the value '22000'. Below this, the 'ItemLocVirt' node is expanded, showing a list of fields and their values. The fields and values are as follows:

Field	Value
ItemLocDesc	1 of 1
item	400000009032
ItemLocPhys	8 of 52
physical_loc	22000
ItemLocVirt	1 of 1
loc	22000
loc_type	S
local_item_desc	JWS: Deposit Contents
local_short_desc	JWS: Deposit Content
status	A
primary_supp	1212120000
primary_cntry	US
taxable_ind	Y
unit_retail	0.55
selling_unit_retail	0.55
selling_uom	EA
store_price_ind	N

At the bottom of the window, there is a 'Goto Text' button, a search field, a dropdown menu set to 'Partial Tree View', and 'Validate', 'Apply', and 'Cancel' buttons.

Partial Tree View

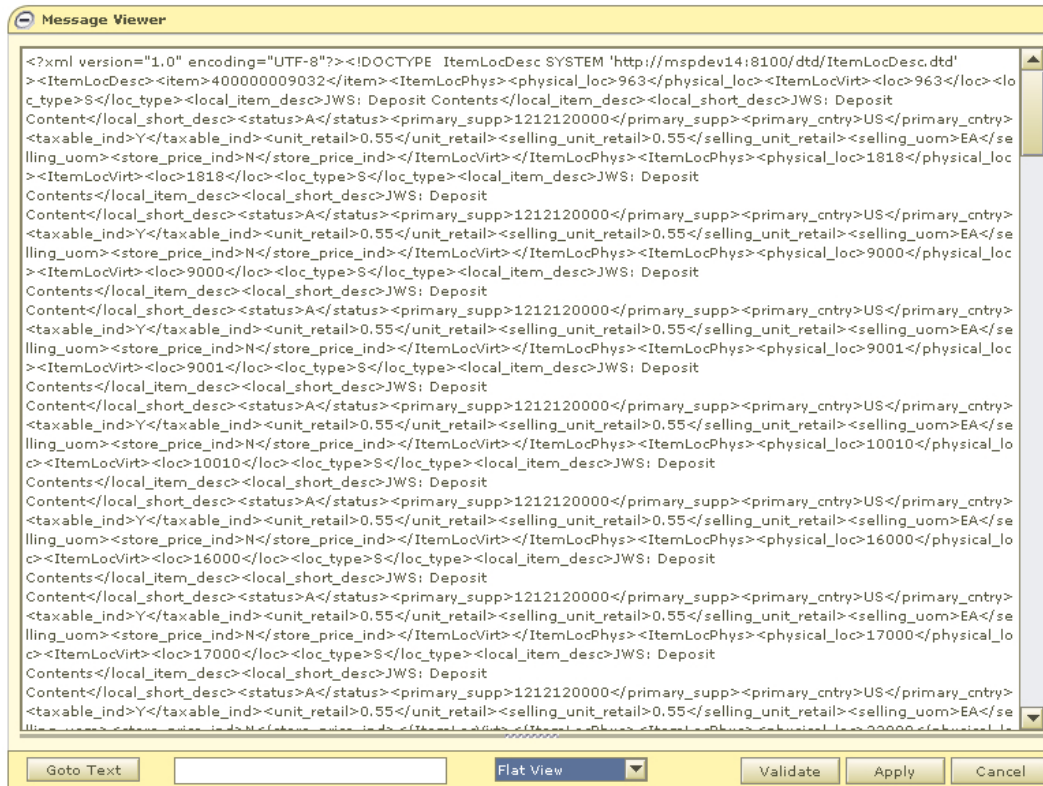
- **Full Tree View:** This view shows all the message's children, each of which you can expand.

The screenshot shows a window titled "Message Viewer". Inside, there is a table with two columns: "ItemLocDesc" and a value column. The first row shows "1 of 1" under "ItemLocDesc" and "item" under the value column, with the value "400000009032" entered in a text box. Below this, there is a list of 18 items, each labeled "ItemLocPhys" followed by a number from 1 to 18 and "of 52". Each item has a plus sign to its left, indicating it can be expanded. At the bottom of the window, there is a toolbar with buttons: "Goto Text", a text input field, a dropdown menu currently set to "Full Tree View", and buttons for "Validate", "Apply", and "Cancel".

ItemLocDesc	Value
1 of 1	item 400000009032
+ ItemLocPhys 1 of 52	
+ ItemLocPhys 2 of 52	
+ ItemLocPhys 3 of 52	
+ ItemLocPhys 4 of 52	
+ ItemLocPhys 5 of 52	
+ ItemLocPhys 6 of 52	
+ ItemLocPhys 7 of 52	
+ ItemLocPhys 8 of 52	
+ ItemLocPhys 9 of 52	
+ ItemLocPhys 10 of 52	
+ ItemLocPhys 11 of 52	
+ ItemLocPhys 12 of 52	
+ ItemLocPhys 13 of 52	
+ ItemLocPhys 14 of 52	
+ ItemLocPhys 15 of 52	
+ ItemLocPhys 16 of 52	
+ ItemLocPhys 17 of 52	
+ ItemLocPhys 18 of 52	

Full Tree View

- **Flat View:** This view shows the XML document in its flat format.



Flat View

- 1 View a message (if necessary, see View a message).
- 2 Type the text string you are searching for in the Goto Text box. Click **Goto Text**.

Edit a message

- 1 View a message (if necessary, see View a message).
- 2 Insert the cursor within any portion of the message and make your applicable changes.
- 3 Click **Apply**. The message is validated. If the message passes validation, the changes are saved to the database. If the message does not pass validation, the changes are not saved to the database.
- 4 If you click **Cancel**, changes are rolled back to the previously saved data.

Validate a message

This procedure allows you to perform the RIB's XML validation step for a given message. The system validates the message against a DTD or a schema, depending upon what is specified in the header section of the XML message.

- 1 View a message (if necessary, see View a message).
- 2 If you wish to make changes to a message, edit a message in the Message Viewer pane.

The Message Viewer pane displays a hierarchical tree of XML message elements. The tree structure is as follows:

- ItemLocDesc (1 of 1)
 - item: 400000009032
 - ItemLocPhys (8 of 52)
 - physical_loc: 22000
 - ItemLocVirt (1 of 1)
 - loc: 22000
 - loc_type: S
 - local_item_desc: JWS: Deposit Contents
 - local_short_desc: JWS: Deposit Content
 - status: A
 - primary_supp: 1212120000
 - primary_cntry: US
 - taxable_ind: Y
 - unit_retail: 0.55
 - selling_unit_retail: 0.55
 - selling_uom: EA
 - store_price_ind: N

At the bottom of the pane, there is a toolbar with the following controls:

- Goto Text: []
- Partial Tree View: [v]
- Validate: []
- Apply: []
- Cancel: []

Message Viewer pane

- 3 Click **Validate**.

Save a message locally

- 1 View a message (if necessary, see View a message).
- 2 Click **Save To File**.

Retrieve a message from a local location

- 1 Select an application.
- 2 Expand the Hospital Records pane.

Hospital Records									
Family	Message Type	Topic Name	Location	In Queue	Delete Pending	Attempt Count/Max Attempts	Last Error Description	Last Error Date/Time	
Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of complete and utter fail...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	

Hospital Records pane

- 3 Click **Import From File**. Scroll to the applicable message and click **Open**.

View hospital record details

This procedure explains how to see detailed information about a failed message.

- 1 Expand the Hospital Records pane.

Hospital Records									
Family	Message Type	Topic Name	Location	In Queue	Delete Pending	Attempt Count/Max Attempts	Last Error Description	Last Error Date/Time	
Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	Filter by:	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
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test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	
test_family	test_type	atopicname	a location	<input type="checkbox"/>	<input type="checkbox"/>	1/10	a description of compl...	Fri Nov 12 10:00:15 ...	

Hospital Records pane

- 2 Search for a message. (If necessary, see Search for messages.)



Note: When you select a row with the Load Message Details on selection check box selected, the message data is loaded automatically. If you do not select the Load Message Details on selection check box, you must double-click the row that represents a hospital record in order to load the data.

- 3 Select a row that represents a hospital record.
- 4 Expand the Hospital Record Details pane. The pane is populated with data, including a description of the error message in the Last Error Description box.

Hospital Record Details

Hospital ID	64633	ID		RIB Message ID	11.0 GeneralSubscriberDestin
Family	hcThreadingTest	Message Type	PAYLOADTEST	Topic Name	
Location	HospitalControllerNullConn.thr	JMS Queue ID		Thread Value	1
In Queue	Yes	Attempt Count	1	Max Attempts	5
Delete Pending	No	Publish Time	2004-09-09 09:20:27.0	Custom Flag	F

Error Information

Reason Code	SUB	Last Error Time	2004-09-09 09:20:30.0
-------------	-----	-----------------	-----------------------

Last Error Description: java.lang.Exception: Exception

▶ Error History

▶ Routing Information

▶ Hospital Reference Information

Cancel Apply Done

Hospital Record Details

View a message's error history

- 1 View the hospital record details for a message (if necessary, see View hospital record details).
- 2 Click **Error History**. In this portion of the pane, you can view the error associated with each of the five possible Retry a message attempts.

▼ Error History

Error Number	Location	Error Date/Time	Description	Error Type	Error Code
Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼
4	PUB_RETRY	Mon Nov 08 13:08...	Error ORA-06502:...	SY	
3	PUB_RETRY	Mon Nov 08 13:07...	Error ORA-06502:...	SY	
2	PUB_RETRY	Mon Nov 08 13:06...	Error ORA-06502:...	SY	
1	PUB_RETRY	Mon Nov 08 13:06...	Error ORA-06502:...	SY	
0	ewOrderFromRMS...	Mon Nov 08 13:06...	Error ORA-06502:...	SY	

Error History

View a message's routing information

- 1 View the hospital record details for a message (if necessary, see View hospital record details).
- 2 Click Routing Information. In this portion of the pane, you can view a message's routing information (related to the RIB e*Ways that support routing).

▼ Routing Information

Name	Value	Detail1 Name	Detail1 Value	Detail2 Name	Detail2 Value
Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼
sequence_no	2105				
pub_retry_rib_obj_...	RMSINT110B.RIB_...	RIB.RETRY.PUBRE...	RMSFMF_ORDER	RIB.RETRY.XLATO...	com.retek.rib.pubtr...

Routing Information

View a message's hospital reference information



Note: This pane contains data that is applicable only to retailers who have received custom code. For those retailers that have received this custom code, please note that this pane remains empty of data for the majority of messages.

- 1 View the hospital record details for a message (if necessary, see View hospital record details).
- 2 Click **Hospital Reference Information**. In this portion of the pane, you can view a message's hospital reference information. The purpose of this portion of the pane is to show records that are already contained in the RIB_MESSAGE table but are prevented from being retried until another record has been successfully retried. Once this 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.

▼ Hospital Reference Information

Hospital Reference	Location	Message Family	New Reason Code	Old Reason Code
Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼	Filter by: ▼

Hospital Reference Information

Appendix – Glossary

Term	Definition
Attempt Count	The number of times the e*Way and/or process has tried to process the message.
e*Way	An e*Way represents one or more threads of control within the adapter that publishes or subscribes to the applicable XML message(s).
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 deleted the next time the e*Way attempts to retrieve the message 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><id>ItemID=321</id>
In Queue	Messages in the queue are waiting to be reprocessed (Yes) or not being reprocessed presently (No).
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>.
Last Error Description	The text of the error message that describes why the message failed to process.
Location	The e*Way name and/or process name.

Term	Definition
Max Attempts	The maximum number of times the application tries to retrieve the message from the RIB Hospital and process the message.
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 the codes "PUB" or "SUB". ISO uses a special Reason Code "JMS" to indicate that a message could not be published because the JMS server was down.
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 e*Way and/or process.