

*FSA Integration Partner*  
United States Department of Education  
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## EAI Message Status Inquiry Guide

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## Table of Contents

<b>1</b>	<b>INTRODUCTION .....</b>	<b>3</b>
1.1	DOCUMENT PURPOSE.....	3
1.2	INTENDED AUDIENCE .....	3
1.3	SCOPE OF THE TOOL .....	3
<b>2</b>	<b>MESSAGE STATUS INQUIRY TOOL CAPABILITY OVERVIEW.....</b>	<b>3</b>
2.1	NEED FOR THE CAPABILITY .....	3
2.2	OVERVIEW OF DATA INTEGRATOR FILE TRANSFER.....	4
2.3	DI LOGGER.....	4
2.4	QPASA!.....	5
<b>3</b>	<b>USER INSTRUCTIONS .....</b>	<b>6</b>
3.1	DI LOGGER SEARCH .....	6
3.1.1	Search Criteria .....	6
3.1.2	Search Operators.....	7
3.2	UNDERSTANDING SEARCH RESULTS .....	7
3.2.1	Search Results Table.....	7
<b>4</b>	<b>EXAMPLE USAGE.....</b>	<b>9</b>
<b>5</b>	<b>APPENDIX A – DATA INTEGRATOR MESSAGES AND CODES.....</b>	<b>22</b>



## 1 Introduction

This document describes the usage of a tool that will provide application teams with insight into the status of their Enterprise Application Integration (EAI) interfaces.

### 1.1 Document Purpose

This purpose of this document is to describe the use of the Message Status Inquiry Tool including a definition of the capability; the intended use; and instructions for use. Since the tool is not currently deployed, the document does not describe how to access the tool.

### 1.2 Intended Audience

The Message Status Inquiry Guide should be used by the EAI team and by application team technical support personnel who are responsible for troubleshooting and investigation of interfaces. Message Status Inquiry Tool will provide application teams with the ability to determine the status of their EAI file transfers. Users must have very basic knowledge of the WebSphere MQ configuration and Data Integrator commands.

### 1.3 Scope of the Tool

The Message Status Inquiry Tool has two main status reporting components

- DI Logger Search – Provides the status of EAI file transfers
- *QPasa!* – Provides the status of transactional MQ message interfaces

Although EAI file transfers use MQ as the data transport mechanism, the two reporting components can operate autonomously. The DI Logger component does not depend on *QPasa!* component to provide file transfer status information and *QPasa!* does not require the DI Logger to provide transactional interface status information.

The DI Logger developed by the EAI team provides the status of Data Integrator file transfers, which an MQ monitoring tool such as *QPasa!* does not provide.

Transactional interface status is expected to be provided via the Virtual Data Center's (VDC) deployment of *QPasa!*, an MQ monitoring tool. Once *QPasa!* is deployed, the Message Status Inquiry Tool will provide a link to the *QPasa!* user interface.

## 2 Message Status Inquiry Tool Capability Overview

The purpose of the Message Status Inquiry Tool is to provide application teams with a means to determine the status of their data sent across EAI interfaces.

### 2.1 Need for the Capability

The EAI architecture was built with the philosophy of assured delivery, a feature of the WebSphere MQ tool used to provide the fundamental messaging capability. WebSphere MQ is a robust messaging capability with the ability to assure that messages will survive system problems and outages, and be delivered to the appropriate destination. The messaging infrastructure was built taking advantage of that capability with the idea that no news is good news, i.e. unless there is an error report, everything has worked fine. However, after deployment of interfaces, the EAI team has been involved in many hours of responding to



questions about what happened to data. It became clear that the EAI team could save a lot of time if it could quickly show the application teams the status of their file transfers.

We needed a capability to allow application teams to have positive confirmation that their files did, indeed, reach their target destinations. Implementation of this capability requires:

- 1) A tool and database to log and store all Data Integrator status messages (DI Logger)
- 2) An easily accessible user interface to the database (EAI Message Status Inquiry Tool - DI Logger Search)

## 2.2 Overview of Data Integrator File Transfer

To understand what the Message Status Inquiry Tool does, it helps to first understand how the EAI architecture transfers files. EAI uses a software product called Data Integrator (DI) for file transfer using the MQ infrastructure. DI accepts large files, breaks them up into small messages for transport across MQ, and reassembles them on the target system. By using MQ as the transport mechanism, DI takes advantage of the existing EAI architecture, including MQ channels and guaranteed message delivery.

DI commands can be run directly from the command line, or executed as part of a shell script. They exist as JCLs in mainframe environments. The DI command most often used is "FTF". There are many parameters that can be used with this script, a few that are required and many optional ones. The DI tech ref (tech400.pdf) describes these all in detail. The important parameters include the source and destination queue managers and the source and destination file names/paths. When transferring to an OS/390 machine, a few other parameters are also required.

Whenever a FTF command is executed, a file transfer request is submitted to Data Integrator. This process returns an FTF ID, a long string of characters that uniquely identifies this transfer. This FTF ID is returned and displayed immediately after the FTF command is entered, whether in a script or from the command line. The status of this transfer can easily be checked using the FTF ID to perform a search in the Message Status Inquiry Tool.

See Appendix A - Data Integrator Message and Codes, for definitions of the numeric error codes that DI may produce.

## 2.3 DI Logger

When Data Integrator (DI) performs a file transfer, it produces status messages for each step in the process. The DI Logger is a Custom EAI Component that processes these status messages and stores them in an Oracle Database. This database can be queried based on a number of keys including the FTF ID mentioned above.

The EAI Message Status Inquiry Tool is the user interface to the DI Logger Oracle database. It queries the database for specific Meta-Data about each transfer. These Status Messages are rolled up into a status for each Data Integrator transfer. The possible statuses are:

- Success - The File was successfully delivered to the Target User
- Pending - The File is still being processed



- Failure – The File was not delivered to the Target System. There will be a description in the “Error Text” Field that will explain what caused the error.

## 2.4 QPasa!

*QPasa!* is a product by MQSoftware which monitors WebSphere MQ objects. This product will allow users to see a real-time status of EAI’s transactional interfaces. This will include, but is not limited to FOTW, LOWeb, and the transactional interface between COD and FMS. It will replace an existing MQ monitoring tool created by the VDC.

*QPasa!* does not have the ability to monitor and report on status messages returned by non-MQ processes, such as Data Integrator even though these processes may use MQ for message transport.

The EAI Message Status Inquiry Tool will provide a link to the *QPasa!* user interface when it becomes available.



### 3 User Instructions

The EAI Message Status Inquiry tool provides a user interface via a web browser to two status tools or components:

- DI Logger Search - Allows the user to query the database of file transfer status messages generated by DI Logger.
- *QPasa!* - When *QPasa!* becomes available, it will also allow the user to see the status of transactional or real-time interfaces. Since it is not available yet, we do not have instruction for its use here.

#### 3.1 DI Logger Search

In order to find out the status of a transfer, the user must search for the file based on certain criteria. Currently, there are nine different search criteria the users can use to search for the status of transfers.

##### 3.1.1 Search Criteria

Num	Criteria	Type	Description
1	Begin Date/Time <sup>1</sup>	Date/Time	Only data from transfers after this date will be searched (Eastern Time)
2	End Date/Time <sup>1</sup>	Date/Time	Only data from transfers before this date will be searched (Eastern Time)
3	FTF ID	Text	The Unique Identifier Associated with each Data Integrator Transfer
4	Source Queue Manager	Text	The Queue Manager on the Source (Sender) System
5	Source File Name	Text	The file name on the Source (Sender) System
6	Target Queue Manager	Text	The Queue Manager on the Target (Receiver) System
7	Target File Name	Text	The file name on the Target (Receiver) System
8	FTF Code <sup>2</sup>	Integer	A Data Integrator Code that denotes an error (A value Greater than 0 implies an error)
9	Source <sup>2</sup>	Integer	A Secondary Data Integrator Error Code

#### Notes

1. Date/Time must be entered in the following ways:
  - Year, Month, Day, Hour (0-23), Minute, & Second
  - Year, Month, Day, Hour (0-23), & Minute
  - Year, Month, & Day - If only setting the Year, Month, & Day:
    - Start Date/Time: HH:MM:SS will be set to include the whole day (00:00:00)
    - End Date/Time: HH:MM:SS will be set to include the whole day (23:59:59)
2. Detailed descriptions of codes can be found in Data Integrator's guide to Messages and Codes (Available on the EAI Interface Information Portal).



### 3.1.2 Search Operators

Each Search Criteria Type has different Search Operators. These operators combined with the Search Input determine what results the query will yield.

#### 3.1.2.1 Date/Time

- Begin Date/Time - Returns results which have a Date/Time greater than or equal to the Begin Date/Time
- End Date/Time - Returns results which have a Date/Time less than or equal to the Begin Date/Time

#### 3.1.2.2 Text

Operator	Definition
=	Returns results with an exact match with the Search Input Value
!=	Returns results with no exact match with the Search Input Value
Starts	Returns results that start with the Search Input Value
Ends	Returns results that end with the Search Input Value
Like	Returns results that contain (start, middle, or end) the Search Input Value

#### 3.1.2.3 Integer

Operator	Definition
=	Returns results which are equal to the Search Input Value
!=	Returns results which are not equal to the Search Input Value
<	Returns results which are less than the Search Input Value
<=	Returns results which are less than or equal to the Search Input Value
>	Returns results which are greater than the Search Input Value
>=	Returns results which are greater than or equal to the Search Input Value

## 3.2 Understanding Search Results

All transfers which match the selected Criteria are returned to the user. The results are displayed with all of the values from the Search Criteria plus some additional values. In all there are eleven different columns displayed.

### 3.2.1 Search Results Table

Column Name	Description
Transfer Status	Overall Status of Transfer (Success, Pending, & Failure)
FTF ID	Unique Data Integrator ID for Transfers
Time Stamp	The Date and Time when the Transfer was Initiated (Eastern Time)
Local Queue Manager	The Queue Manager that Initiated the Request
Source Queue Manager	The Queue Manager on the Source (Sender) System
Source File Name	The file name on the Source (Sender) System
Target Queue Manager	The Queue Manager on the Target (Receiver) System



Target File Name	The file name on the Target (Receiver) System
FTF Code	A Data Integrator Code that denotes an error (A value Greater than 0 indicates an error)
Source	A Secondary Data Integrator Error Code
Error Text	A Text Description of any Error Codes Identified in the FTF Code and Source

Based on these results, a user will know the status of any displayed transfer. In addition, users will also see any Error Messages associated with the transfer. These error messages would indicate the cause of a failed transfer.

Additional information about the status of each transfer can be found by clicking on the hyperlinked value for the FTF ID. This will give a list of all of the Detail Status Messages received for that particular FTF ID. This list will allow the user to not only see the current transfer status, but a transfer's statuses over time. There are twelve columns displayed in this table.

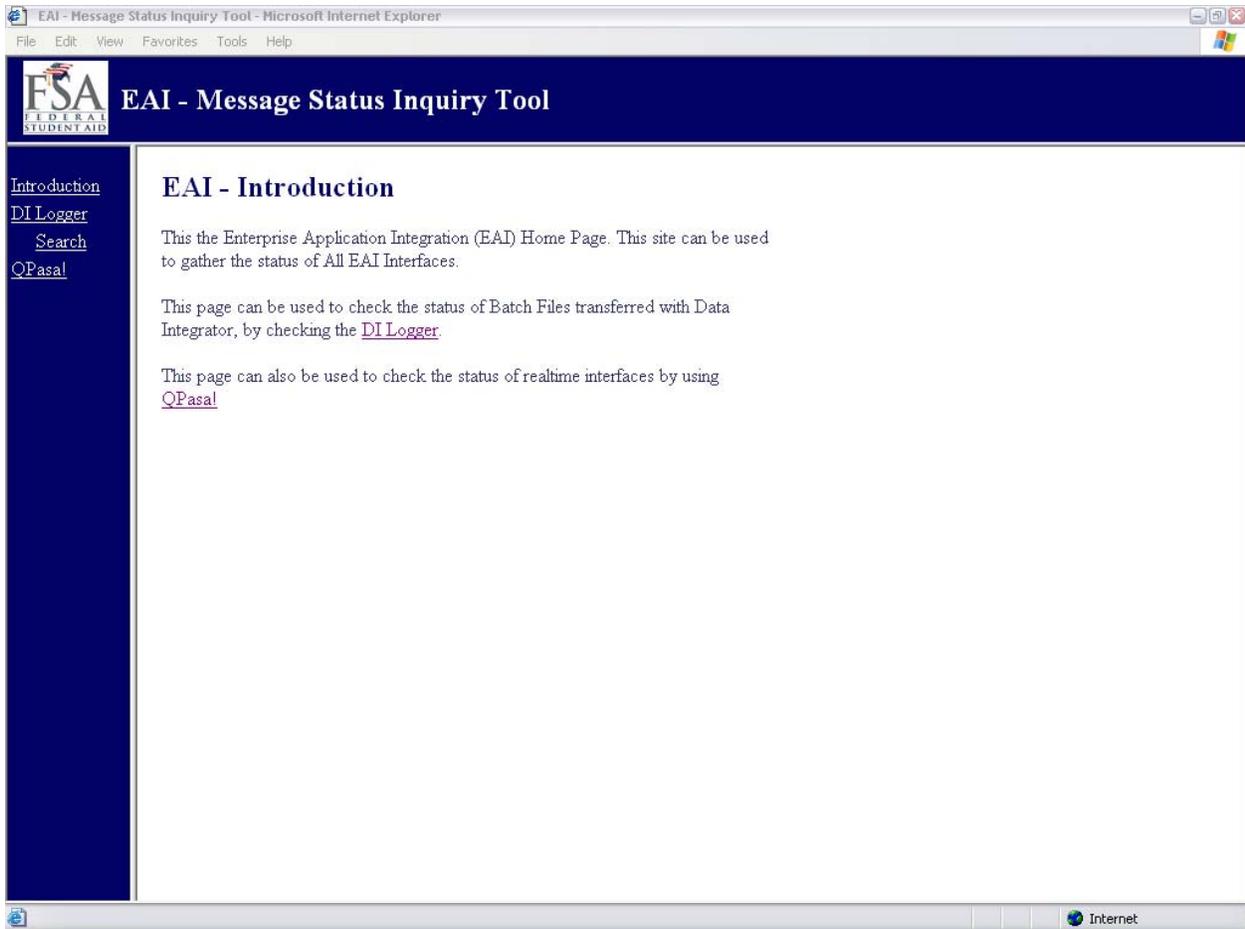
Column Name	Description
FTF ID	Unique Data Integrator ID for Transfers
Time Stamp	The Date and Time when the Transfer was Initiated (Eastern Time)
Local Queue Manager	The Queue Manager that Initiated the Request
Component Code	The Data Integrator Code indicating which Data Integrator Component sent the updated Transfer Status Message
Component Text	The Text Description of the Component Identified by the Component Code
Status Code	A Data Integrator Code Denoting the Status of the Transfer
Status Text	A Text Description of the Status Identified by the Status Code
FTF Code	A Data Integrator Code that denotes an error (A value Greater than 0 indicates an error)
FTF Text	A Text Description of the Error Code Identified in the FTF Code
Source	A Secondary Data Integrator Error Code
Error Text	A Text Description of any Error Codes Identified in the FTF Code and Source
Total Message Count	The Number of messages used to Execute the Transfer



## 4 Example Usage

Since *QPasa!* is not available yet, the following example shows only the DI Logger Search. These are screen shots of the actual tool as the user will see it.

The Introduction page provides generic information about the EAI - Message Status Inquiry Tool.





The DI Logger Search page is broken into two frames. The top frame is used to input search criteria, and the bottom frame is used to display the results.

The screenshot shows a web browser window titled "EAI - Message Status Inquiry Tool - Microsoft Internet Explorer". The page has a dark blue header with the FSA logo and the text "EAI - Message Status Inquiry Tool". On the left, there is a navigation menu with links for "Introduction", "DI Logger", "Search", and "QPasa!".

The main content area is titled "DI Logger - Search" and contains a "Help" button. Below this are date and time input fields: "Begin Date (CCYY-MM-DD)", "End Date (CCYY-MM-DD)", "Begin Time (24:MM:SS)", and "End Time (24:MM:SS)". There are also "Clear Start Date & Start Time" and "Clear End Date & End Time" buttons.

The search criteria are organized into a table with the following structure:

Row	Search Field	Search Operator	Search Input	Execute
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	Clear Row
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	Clear Row
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	Clear Row
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	Clear Row
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	Clear Row
<	<input type="text"/>	<input type="text"/>	<input type="text"/>	Clear Row

Below the search table is a "Results Page" section with the text: "The results of your query will be shown here."

The browser status bar at the bottom shows "Done" and "Internet".



These two frames are resizable to meet the user's needs. The frames are resized by moving the mouse over the frame divider, holding down the mouse button, and dragging the mouse up or down.

**EAI - Message Status Inquiry Tool**

**DI Logger - Search**

Help

Begin Date (CCYY-MM-DD): --      End Date (CCYY-MM-DD): --

Begin Time (24:MM:SS):  :  :       End Time (24:MM:SS):  :  :

Row	Search Field	Search Operator	Search Input	Execute
1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>
11	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Clear Row"/>

**Results Page**

The results of your query will be shown here.



The DI Logger Search Page has a context help menu that will explain each of the search criteria.

The screenshot shows the EAI - Message Status Inquiry Tool interface. The main window has a navigation menu on the left with links for Introduction, DI Logger, Search, and QPasa!. The main content area is titled "DI Logger - Search" and includes a "Help" button, date and time input fields, and a table for defining search criteria. A secondary window titled "DI Logger - Search Help" is open, displaying a table of search criteria.

**DI Logger - Search**

Begin Date (CCYY-MM-DD): -- End

Begin Time (24:MM:SS): :: End

Row	Search Field	Search Operator	Search
1	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Results Page**

The results of your query will be shown here.

**DI Logger - Search Help - Search Criteria**

The following criteria can be used to search:

Criteria	Type	Description
Begin Date/Time <sup>1</sup>	Date/Time	Only data from transfers after this date will be searched (Eastern Time)
End Date/Time <sup>1</sup>	Date/Time	Only data from transfers before this date will be searched (Eastern Time)
FTF ID	Text	The Unique Identifier Associated with each Data Integrator Transfer
Source Queue Manager	Text	The Queue Manager on the Source (Sender) System
Source File Name	Text	The file name on the Source (Sender) System
Target Queue Manager	Text	The Queue Manager on the Target (Receiver) System
Target File Name	Text	The file name on the Target (Receiver) System
FTF Code <sup>2</sup>	Integer	A Data Integrator Code that denotes



To find all of the transfers that occurred on a given day, a user would enter values in the 'Start Date' field and the 'End Date' fields. When the user clicks 'Execute,' the results are displayed in the bottom window.

The screenshot shows the 'EAI - Message Status Inquiry Tool' interface. The top navigation bar includes 'Introduction', 'DI Logger', 'Search', and 'QPasal'. The main area is titled 'DI Logger - Search' and contains search filters for 'Begin Date', 'End Date', 'Begin Time', and 'End Time'. Below these are 'Clear Start Date & Start Time' and 'Clear End Date & End Time' buttons. A table with 6 rows allows for multiple search criteria, each with a 'Search Field', 'Search Operator', 'Search Input', and an 'Execute' button. The bottom section displays 'FTFCONTROL RESULTS: There are 6 record(s) that match your Search Criteria.' followed by a table of results.

Row	Transfer Status	FTF ID	Time Stamp	Local Queue Manager	Source Queue Manager	Source File Name
1	Success	6d5fdc01-bb68-11d6-a81e-d2fc30b280ba	2002-8-29 8:0:24	VD0Q	VD0Q	BCST.GP5LOU.P1033707
2	Failure	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	EAI1	/etc/ssdfs
3	Success	b6179501-bb68-11d6-bd58-ca9251903d6f	2002-8-29 8:2:26	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOEC
4	Success	c29bed81-bb68-11d6-bd7b-8e6c74d27793	2002-8-29 8:2:47	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOEC
5	Success	c4fe4781-bb68-11d6-bc82-bb3f0943e6e1	2002-8-29 8:2:51	EAI1	EAI1	/export/data/mqm/UAT/saig/DLO.2002



The DI Logger Results Page has a context help menu that will explain each of the Columns in the results page.

The screenshot shows the 'EAI - Message Status Inquiry Tool' interface. A search window is open, displaying search criteria and results. A 'DI Logger - Search Results Explanation' popup is overlaid on the right, providing definitions for various columns in the results table.

**DI Logger - Search**

Begin Date (CCYY-MM-DD): 2002-08-29  
 Begin Time (24:MM:SS): : :  
 Clear Start Date & Start Time

Row	Search Field	Search Operator	Search
1			
2			
3			
4			
5			

FTFCONTROL RESULTS: There are 6 record(s) that match the search criteria.

Row	Transfer Status	FTF ID	Time Stamp	Local Queue Manager	Source Queue Manager	Source File Name	Target Queue Manager	Target File Name	FTF Code <sup>1</sup>
1	Success	6d5fde01-bb68-11d6-a81e-d2fc30b280ba	2002-8-29 8:0:24	VD0Q	VD0Q	BCST.GP5LOU.P1033707			
2	Failure	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI A1	EAI A1	/etc/ssdfs			
3	Success	b6179501-bb68-11d6-bd58-ca9251903d6f	2002-8-29 8:2:26	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOEC			
4	Success	c29bed81-bb68-11d6-bd7b-8e6c74d27793	2002-8-29 8:2:47	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOED			
5	Success	c4fe4781-bb68-11d6-bc82-bb3f0943e6e1	2002-8-29 8:2:51	EAI A1	EAI A1	/export/data/mqm/UAT/saig/DLO.2002			

**Search Results Explanation**

Column Name	Description
Transfer Status	Overall Status of Transfer (Success, Pending, & Failure)
FTF ID	Unique Data Integrator ID for Transfers
Time Stamp	The Date and Time when the Transfer was Initiated (Eastern Time)
Local Queue Manager	The Queue Manager that Initiated the Request
Source Queue Manager	The Queue Manager on the Source (Sender) System
Source File Name	The file name on the Source (Sender) System
Target Queue Manager	The Queue Manager on the Target (Receiver) System
Target File Name	The file name on the Target (Receiver) System
FTF Code <sup>1</sup>	A Data Integrator Code that denotes an error (A Data Integrator Code that denotes an error)



If a user wants to see a larger Results window, the frame can be adjusted. The frames can be resized by moving the mouse over the frame divider, holding down the mouse button, and dragging the mouse up or down. The results table can be copied and pasted into Microsoft Excel, then all of Excel's sorting and filtering capabilities can be applied to the data.

The screenshot shows the 'EAI - Message Status Inquiry Tool' interface. It includes a search section with date and time filters, a search table with two rows, and a results table with six records.

**DI Logger - Search**

Begin Date (CCYY-MM-DD): 2002-08-29      End Date (CCYY-MM-DD): - - -  
 Begin Time (24:MM:SS): : :      End Time (24:MM:SS): : :  
 Clear Start Date & Start Time      Clear End Date & End Time

Row	Search Field	Search Operator	Search Input	Execute
1				Clear Row
2				Clear Row

**FTFCONTROL RESULTS:** There are 6 record(s) that match your Search Criteria. [Help](#)

Row	Transfer Status	FTF ID	Time Stamp	Local Queue Manager	Source Queue Manager	Source File Name
1	Success	<a href="#">6d5fdc01-bb68-11d6-a81e-d2fc30b280ba</a>	2002-8-29 8:0:24	VD0Q	VD0Q	BCST.GP5LOU.P1033707
2	Failed	<a href="#">a26c2e81-bb68-11d6-9709-fecf44094688</a>	2002-8-29 8:1:53	EAI1	EAI1	/etc/ssdfs
3	Success	<a href="#">b6179501-bb68-11d6-bd58-ca9251903d6f</a>	2002-8-29 8:2:26	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOECM
4	Success	<a href="#">c29bed81-bb68-11d6-bd7b-8e6c74d27793</a>	2002-8-29 8:2:47	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOEDL
5	Success	<a href="#">c4fe4781-bb68-11d6-bc82-bb3f0943e6e1</a>	2002-8-29 8:2:51	EAI1	EAI1	/export/data/mqm/UAT/saig/DLO.200208
6	Pending	<a href="#">e0695281-bb68-11d6-9ee0-f94843e16f0f</a>	2002-8-29 8:3:37	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOECM



To add additional search criteria, choose a Search Field from the Search Field drop-down menu.

The screenshot shows the 'EAI - Message Status Inquiry Tool' interface. The main heading is 'DI Logger - Search'. There are input fields for 'Begin Date (CCYY-MM-DD): 2002-08-29' and 'End Date (CCYY-MM-DD):', along with 'Begin Time (24:MM:SS):' and 'End Time (24:MM:SS):'. Below these are buttons for 'Clear Start Date & Start Time' and 'Clear End Date & End Time'. A search table has columns for 'Row', 'Search Field', 'Search Operator', 'Search Input', and 'Execute'. A dropdown menu is open for 'Search Field', listing options like 'FTF ID', 'Source Queue Manager', 'Source File Name', 'Target Queue Manager', 'Target File Name', 'FTF Code', and 'Source'. Below the search table, a message states 'There are 6 record(s) that match your Search Criteria.' followed by a table of results.

Row	Search Field	Search Operator	Search Input	Execute
1				Clear Row
2	FTF ID			Clear Row

There are 6 record(s) that match your Search Criteria. [Help](#)

Row	Local Queue Manager	Source Queue Manager	Source File Name
1	Success	VD0Q	BCST.GP5LOU.P1033707
2	Failure	EAI1	/etc/ssdfs
3	Success	VD0Q	CVQ5775.INH.GP00.C21050.DOECM
4	Success	VD0Q	CVQ5775.INH.GP00.C21050.DOEDL
5	Success	EAI1	/export/data/mqm/UAT/saig/DLO.200208
6	Pending	VD0Q	CVQ5775.INH.GP00.C21050.DOECM



Next, choose a Search Operator from the Search Operator drop-down menu.

The screenshot shows the 'EAI - Message Status Inquiry Tool' web application. The main heading is 'DI Logger - Search'. There are input fields for 'Begin Date (CCYY-MM-DD): 2002-08-29' and 'End Date (CCYY-MM-DD):' with corresponding time fields. Below these are buttons for 'Clear Start Date & Start Time' and 'Clear End Date & End Time'. A search table has two rows, with the first row having 'Source Queue Manager' selected in the 'Search Field' column. A dropdown menu for 'Search Operator' is open, showing options: '=', 'Starts', 'Ends', and 'Like'. Below the search area, a message reads 'FTFCONTROL RESULTS: The record(s) that match your Search Criteria.' followed by a table of results.

Row	Transfer Status	FTF ID	Time Stamp	Local Queue Manager	Source Queue Manager	Source File Name
1	Success	6d5fdc01-bb68-11d6-a81e-d2fc30b280ba	2002-8-29 8:0:24	VD0Q	VD0Q	BCST.GP5LOU.P1033707
2	Failed	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAIA1	EAIA1	/etc/ssdfs
3	Success	b6179501-bb68-11d6-bd58-ca9251903d6f	2002-8-29 8:2:26	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOECM
4	Success	c29bed81-bb68-11d6-bd7b-8e6c74d27793	2002-8-29 8:2:47	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOEDLC
5	Success	c4fe4781-bb68-11d6-bc82-bb3f0943e6e1	2002-8-29 8:2:51	EAIA1	EAIA1	/export/data/mqm/UAT/saig/DLO.200208
6	Pending	e0695281-bb68-11d6-9ee0-f94843e16f0f	2002-8-29 8:3:37	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOECM



Finally, enter data in the Search Input field that will be used in the query.

**EAI - Message Status Inquiry Tool**

**DI Logger - Search**

Begin Date (CCYY-MM-DD): 2002-08-29      End Date (CCYY-MM-DD): - - -  
 Begin Time (24:MM:SS): : :      End Time (24:MM:SS): : :  
     

Row	Search Field	Search Operator	Search Input	Execute
1	Source Queue Manager	Starts	EAI	<input type="button" value="Clear Row"/>
2				<input type="button" value="Clear Row"/>

**FTFCONTROL RESULTS:** There are 6 record(s) that match your Search Criteria.

Row	Transfer Status	FTF ID	Time Stamp	Local Queue Manager	Source Queue Manager	Source File Name
1	Success	<a href="#">6d5fdc01-bb68-11d6-a81e-d2fc30b280ba</a>	2002-8-29 8:0:24	VD0Q	VD0Q	BCST.GP5LOU.P1033707
2	Failure	<a href="#">a26c2e81-bb68-11d6-9709-fecf44094688</a>	2002-8-29 8:1:53	EAI1	EAI1	/etc/ssdfs
3	Success	<a href="#">b6179501-bb68-11d6-bd58-ca9251903d6f</a>	2002-8-29 8:2:26	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOECM
4	Success	<a href="#">c29bed81-bb68-11d6-bd7b-8e6c74d27793</a>	2002-8-29 8:2:47	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOEDL
5	Success	<a href="#">c4fe4781-bb68-11d6-bc82-bb3f0943e6e1</a>	2002-8-29 8:2:51	EAI1	EAI1	/export/data/mqm/UAT/saig/DLO.200208
6	Pending	<a href="#">e0695281-bb68-11d6-9ee0-f94843e16f0f</a>	2002-8-29 8:3:37	VD0Q	VD0Q	CVQ5775.INH.GP00.C21050.DOECM



The new results will be displayed in the bottom frame. The user will now see the result set based on the more restricted query.

The screenshot shows a web browser window titled "EAI - Message Status Inquiry Tool - Microsoft Internet Explorer". The page header includes the FSA logo and the title "EAI - Message Status Inquiry Tool". A left sidebar contains navigation links: "Introduction", "DI Logger", "Search", and "QPasal".

The main content area is titled "DI Logger - Search" and contains a search form with the following fields:

- Begin Date (CCYY-MM-DD): 2002-08-29
- End Date (CCYY-MM-DD): [ ]-[ ]-[ ]
- Begin Time (24:MM:SS): [ ]:[ ]:[ ]
- End Time (24:MM:SS): [ ]:[ ]:[ ]
- Buttons: "Clear Start Date & Start Time" and "Clear End Date & End Time"

Below the search form is a table for defining search criteria:

Row	Search Field	Search Operator	Search Input	Execute
1	Source Queue Manager	Starts	EAI	Clear Row
2				Clear Row

Below the search criteria table, the results are displayed under the heading "FTFCONTROL RESULTS: There are 2 record(s) that match your Search Criteria. Help".

Row	Transfer Status	FTF ID	Time Stamp	Local Queue Manager	Source Queue Manager	Source File Name
1	Failure	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI A1	EAI A1	/etc/ssdfs d
2	Success	c4fe4781-bb68-11d6-bc82-bb3f0943e6e1	2002-8-29 8:2:51	EAI A1	EAI A1	/export/data/mqm/UAT/saig/DLO.2002082

The browser status bar at the bottom shows "Done" and "Internet".



By clicking on the hyperlink in the results frame, users can see the complete history of each transfer. This will display the status of the transfer over time, instead of just a snapshot of the current status.

Query Results - Microsoft Internet Explorer

File Edit View Favorites Tools Help

FTFDETAIL RESULTS: There are 12 record(s) that match your Search Criteria. [Help](#)

Row	FTF ID	Time Stamp	Local Queue Manager	Component Code	Component Text	Status Code	Status Text	FTF Code	FTF Text	Source
1	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	101	sender	4	failed	634	file does not exist	0
2	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	101	sender	4	failed	634	file does not exist	0
3	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	101	sender	5	request received	0		0
4	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	101	sender	14	request failed	0		0
5	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	101	sender	14	request failed	0		0
6	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	101	sender	5	request received	0		0
7	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	106	manager	6	request submitted	0		0
8	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	106	manager	14	request failed	628	sender failure	634
9	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	106	manager	6	request submitted	0		0
10	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	106	manager	14	request failed	628	sender failure	634
11	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	112	request cl	6	request submitted	0		0
12	a26c2e81-bb68-11d6-9709-fecf44094688	2002-8-29 8:1:53	EAI1	112	request cl	6	request submitted	0		0

Done Internet



The DI Logger Detail Results Page has a context help menu that will explain each of the Results Columns.

The screenshot shows a web browser window titled "Query Results - Microsoft Internet Explorer". The main content area displays "FTFDETAIL RESULTS: There are 12 record(s) that match your Search Criteria." followed by a table with 12 rows. A context menu titled "DI Logger - Detail Explanation - Microsoft Internet Explorer" is open over the table, showing a "Search Detail Explanation" window. This window contains a table with two columns: "Column Name" and "Description".

Column Name	Description
FTF ID	Unique Data Integrator ID for Transfers
Time Stamp	The Date and Time when the Transfer was Initiated (Eastern Time)
Local Queue Manager	The Queue Manager that Initiated the Request
Component Code	The Data Integrator Code indicating which Data Integrator Component sent the updated Transfer Status Message
Component Text	The Text Description of the Component Identified by the Component Code
Status Code	A Data Integrator Code Denoting the Status of the Transfer
Status Text	A Text Description of the Status Identified by the Status Code
FTF Code <sup>1</sup>	A Data Integrator Code that denotes an error (A value Greater than 0 indicates an error)
FTF Text	A Text Description of the Error Code Identified



## 5 Appendix A - Data Integrator Messages and Codes

# enableNet Data Integrator™ with e-Adapter™ 4.0 Technology Messages and Codes

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e-Adapter Messages and Codes iii

## Contents

chapter 1 About This Guide . . . . .	9
Assumptions . . . . .	9
Intended Audience . . . . .	10
How This Guide Is Organized . . . . .	10
Technical Support . . . . .	10
Where to Look for More Information . . . . .	11
Conventions . . . . .	11
chapter 2 Messages and Codes . . . . .	13
Interpreting Error Codes . . . . .	14
Locating the Log File . . . . .	14
Where to Find Error Codes . . . . .	14
e-Adapter Components . . . . .	17
Additional Error Messages . . . . .	19
Informational Messages . . . . .	19
FTFRCI_NO_STATUS_MESSAGES_PRESENT . . . . .	20
FTFRCI_REQUEST_EXPIRED . . . . .	21
FTFRCI_REQUEST_COMPLETE . . . . .	22
FTFRCI_REQUEST_COMPLETE_UNSUCCESSFUL . . . . .	23
FTFRCI_REQUEST_CANCELLED . . . . .	24
FTFRCI_REPLY_TO_PING_FAILED . . . . .	25
FTFRCI_PING_COMPLETE_UNSUCCESSFUL . . . . .	26
FTFRCI_CANCEL_PENDING . . . . .	27
FTFRCI_RETRY_LIMIT_EXCEEDED . . . . .	28
FTFRCI_REQUEST_FLAGGED_FOR_EXPIRATION . . . . .	29
FTFRCI_NO_MORE_DATA . . . . .	30
FTFRCI_RESEND_DATA . . . . .	31
WarningMessages . . . . .	32
FTFRCW_NO_STATUS_MESSAGE_FOR_ID . . . . .	33
FTFRCW_STATUS_MESSAGE_PROCESSING_FAILED . . . . .	34
FTFRCW_TXN_NOT_FOUND . . . . .	35
FTFRCW_INVALID_REPLY_DESTINATION . . . . .	36
FTFRCW_TIMEOUT . . . . .	37



iv e-Adapter Messages and Codes

ErrorMessages .....	38
FTFRCE_MEMORY_ALLOCATION_FAILURE .....	43
FTFRCE_MQPUT_FAILURE .....	44
FTFRCE_MQCONNECT_FAILURE .....	45
FTFRCE_MQOPEN_FAILURE .....	46
FTFRCE_MQGET_FAILURE .....	47
FTFRCE_MQCMIT_FAILURE .....	48
FTFRCE_INPUT_REQUIRED .....	49
FTFRCE_INVALID_OPTION .....	50
FTFRCE_CONFIGFILE_ACCESS_FAILURE .....	51
FTFRCE_MQINQ_FAILURE .....	52
FTFRCE_CONTROL_MSG_NOT_FOUND .....	53
FTFRCE_COMMAND_LINE_PROCESSING_FAILED .....	54
FTFRCE_CONFIG_FILE_PROCESSING_FAILED .....	55
FTFRCE_FTF_INITIALIZATION_FAILED .....	56
FTFRCE_SYNCQ_PROCESSING_FAILED .....	57
FTFRCE_CONTROLQ_PROCESSING_FAILED .....	58
FTFRCE_MQBROWSE_FAILURE .....	59
FTFRCE_UNKNOWN_MESSAGE_TYPE .....	60
FTFRCE_MQCMIT_FAILED .....	61
FTFRCE_REQUEST_PROCESSING_FAILED .....	62
FTFRCE_INVALID_CONFIGURATION .....	63
FTFRCE_CANCELLATION_FAILURE .....	64
FTFRCE_SUBMIT_CANCEL_MESSAGE_FAILED .....	65
FTFRCE_SENDER_FAILURE .....	66
FTFRCE_SUBMIT_REPLY_FAILURE .....	67
FTFRCE_RECEIVER_FAILURE .....	68
FTFRCE_FILE_IS_A_DIRECTORY .....	69
FTFRCE_FILE_ALREADY_EXISTS .....	70
FTFRCE_UNABLE_TO_CREATE_DIRECTORY .....	71
FTFRCE_FILE_DOES_NOT_EXIST .....	72
FTFRCE_INVALID_FILEHANDLE .....	73
FTFRCE_INVALID_FILEMODE .....	74
FTFRCE_FILE_OPEN_FAILURE .....	75
FTFRCE_INVALID_FILENAME .....	76
FTFRCE_FILEWRITE_ERROR .....	77
FTFRCE_DYNALLOC_FAILED .....	78
FTFRCE_UNSUPPORTED_FILETYPE .....	79
FTFRCE_CONFIG_FILE_NOT_SPECIFIED .....	80
FTFRCE_UNKNOWN_FTF_COMPONENT .....	81
FTFRCE_INVALID_TIMEOUT_VALUE .....	82
FTFRCE_UUID_CREATE_FAILURE .....	83
FTFRCE_MISSING_PARAMETER .....	84
FTFRCE_REPLY_PROCESSING_FAILED .....	85
<b>e-Adapter Messages and Codes v</b>	
Error Messages (cont'd)	
FTFRCE_REPLY_TIMED_OUT .....	87
FTFRCE_FILE_READ_FAILURE .....	88
FTFRCE_INVALID_ARGUMENT .....	89
FTFRCE_INVALID_ICCQUEUE .....	90
FTFRCE_SOURCE_PREPROC_FAILED .....	91
FTFRCE_INVALID_EXITNAME .....	92
FTFRCE_INVALID_ENTRYPOINT .....	93
FTFRCE_EXITLOAD_FAILED .....	94



FTFRCE\_EXITUNLOAD\_FAILED ..... 95  
 FTFRCE\_EXIT\_NO\_PATH\_SPECIFIED ..... 96  
 FTFRCE\_EXIT\_PATH\_TOO\_BIG ..... 97  
 FTFRCE\_EXIT\_FAILURE ..... 98  
 FTFRCE\_DYNFREE\_FAILED ..... 99  
 FTFRCE\_RECORD\_TOOBIG ..... 100  
 FTFRCE\_SOURCE\_POSTPROC\_FAILED ..... 101  
 FTFRCE\_MANAGER\_FAILURE ..... 102  
 FTFRCE\_LOG\_FILE\_OPEN\_FAILURE ..... 103  
 FTFRCE\_INVALID\_RECORDLENGTH ..... 104  
 FTFRCE\_INVALID\_BLKSIZE ..... 105  
 FTFRCE\_INVALID\_UNITNAME ..... 106  
 FTFRCE\_INVALID\_ALCUNIT ..... 107  
 FTFRCE\_INVALID\_FILEORG ..... 108  
 FTFRCE\_INVALID\_RECORDFORMAT ..... 109  
 FTFRCE\_MGRPRE\_EXIT\_FAILURE ..... 110  
 FTFRCE\_MGRPOST\_EXIT\_FAILURE ..... 111  
 FTFRCE\_SDRPRE\_EXIT\_FAILURE ..... 112  
 FTFRCE\_SDRPOST\_EXIT\_FAILURE ..... 113  
 FTFRCE\_RCVPRE\_EXIT\_FAILURE ..... 114  
 FTFRCE\_RCVPOST\_EXIT\_FAILURE ..... 115  
 FTFRCE\_SDRAUTH\_EXIT\_FAILURE ..... 116  
 FTFRCE\_RCVAUTH\_EXIT\_FAILURE ..... 117  
 FTFRCE\_RECEIVE\_IMMEDIATE\_TIMEOUT ..... 118  
 FTFRCE\_SEND\_IMMEDIATE\_TIMEOUT ..... 119  
 FTFRCE\_RECEIVE\_IMMEDIATE\_RECOVERY ..... 120  
 FTFRCE\_COMPRESSION\_NOT\_SUPPORTED ..... 121  
 FTFRCE\_INVALID\_CONFIG\_STANZA\_VALUE ..... 122  
 FTFRCE\_MISSING\_CONFIG\_STANZA ..... 123  
 FTFRCE\_NO\_AVAILABLE\_SYNC\_QUEUE ..... 124  
 FTFRCE\_ERROR\_CHECKING\_DATA ..... 125  
 FTFRCE\_UNABLE\_TO\_PROCESS\_STAGE\_ITEM ..... 126  
 FTFRCE\_FILE\_ERROR ..... 127  
 FTFRCE\_MISSING\_CONFIG\_SECTION ..... 128  
 FTFRCE\_UNABLE\_TO\_PROCESS\_REQUEST ..... 129

vi e-Adapter Messages and Codes

Error Messages (cont'd)

FTFRCE\_INVALID\_QUEUE\_MANAGER\_NAME ..... 130  
 FTFRCE\_INVALID\_RESEND\_REQUEST ..... 131  
 FTFRCE\_FATAL\_ERROR ..... 132  
 FTFRCE\_INTERNAL\_ERROR ..... 133  
 FTFRCE\_NO\_STAGE\_QUEUES\_DEFINED ..... 134  
 FTFRCE\_SECURITY\_ERROR ..... 135  
 FTFRCE\_UNABLE\_TO\_RETRIEVE\_USERID ..... 136  
 FTFRCE\_SOURCE\_FILENAME\_NOT\_SPECIFIED ..... 137  
 FTFRCE\_DEST\_FILENAME\_NOT\_SPECIFIED ..... 138  
 FTFRCE\_SOURCE\_QMGR\_NOT\_SPECIFIED ..... 139  
 FTFRCE\_DEST\_QMGR\_NOT\_SPECIFIED ..... 140  
 FTFRCE\_INVALID\_DATA\_POOL ..... 141  
 FTFRCE\_UNABLE\_TO\_RETRIEVE\_SECURITY\_CONTEXT ..... 142  
 FTFRCE\_AS400\_FILE\_DIFFERS\_FROM\_SPECIFIED ..... 143  
 FTFRCE\_AS400\_INVALID\_RCDLEN ..... 144  
 FTFRCE\_AS400\_ERROR\_CREATING\_LIBRARY ..... 145  
 FTFRCE\_AS400\_CRTLIB\_NOT\_SPECIFIED ..... 146  
 FTFRCE\_AS400\_ERROR\_CREATING\_SRCPF ..... 147



FTFRCE\_AS400\_NOREPLACE\_SPECIFIED . . . . . 148  
 FTFRCE\_AS400\_ERROR\_CREATING\_SAVEF . . . . . 149  
 FTFRCE\_AS400\_ERROR\_CLEARING\_SAVEF . . . . . 150  
 FTFRCE\_NON\_PERSIST\_STAGE\_DATA\_NOT\_FOUND . . . . . 151  
 FTFRCE\_INVALID\_DIRBLOCKS . . . . . 152  
 FTFRCE\_INVALID\_MODEL\_DATASET . . . . . 153  
 FTFRCE\_FILE\_CLOSE\_FAILURE . . . . . 154  
 FTFRCE\_CONFIG\_FILE\_NOT\_FOUND . . . . . 155  
 FTFRCE\_INVALID\_FTFCFG\_QUEUE . . . . . 156  
 FTFRCE\_TIME\_SLICING\_FAILED . . . . . 157  
 FTFRCE\_INVALID\_IMMED\_STAGEONLY\_COMBINATION . . . . . 158  
 FTFRCE\_INVALID\_QMGR\_LENGTH . . . . . 159  
 FTFRCE\_QUERY\_STAGE\_FAILED . . . . . 160  
 FTFRCE\_DLL\_LOAD\_FAILED . . . . . 161  
 FTFRCE\_DBCS\_PROCESSING\_FAILED . . . . . 162  
 FTFRCE\_COMPRESS\_FAILURE . . . . . 163  
 FTFRCE\_DECOMPRESS\_FAILURE . . . . . 164  
 FTFRCE\_BUFFERTOOSMALL . . . . . 165  
 FTFRCE\_INVALID\_INPUT . . . . . 166  
 FTFRCE\_MAX\_MSG\_SIZE\_EXCEEDED . . . . . 167  
 FTFRCE\_CONNECTOR\_SEND\_FAILURE . . . . . 168  
 FTFRCE\_CONNECTOR\_RECEIVE\_FAILURE . . . . . 169  
 FTFRCE\_CONNECTOR\_CONNECTOR\_REQUIRED . . . . . 170  
 FTFRCE\_UNKNOWN\_CONNECTOR\_FILETYPE . . . . . 171  
 FTFRCE\_XML\_CONVERSION\_FAILURE . . . . . 172  
 e-Adapter Messages and Codes vii  
 Error Messages (cont'd)  
 FTFRCE\_XML\_PROCESSING\_ERROR . . . . . 173  
 FTFRCE\_BATCHCOUNT\_EXCEEDED . . . . . 174  
 FTFRCE\_DATABASE\_CONNECTION\_ERROR . . . . . 175

e-Adapter Messages and Codes 9

chapter 1

# About This Guide

The *e-Adapter Messages and Codes Guide* lists and describes the error messages generated by e-Adapter. It also describes the actions required to solve the problem that produced the error message.

This chapter describes the information in this manual and the conventions used to present the information. It contains the following sections:

## Assumptions

This guide assumes that MQSeries and e-Adapter have been installed and configured according to the appropriate directions.

### Section Page

Intended Audience 10

How This Guide Is Organized 10

Technical Support 10

Where to Look for More Information 11

Conventions 11

## 10 e-Adapter Messages and Codes

### About This Guide

#### *Intended Audience*



## Intended Audience

This guide is intended for the following groups:

- Developers using e-Adapter to design file-transfer solutions
- Users performing e-Adapter solutions
- e-Adapter administrators
- MQSeries administrators
- System administrators for the machine on which e-Adapter is running

## How This Guide Is Organized

The following table lists and describes the parts and chapters in this manual.

## Technical Support

You can reach the CommerceQuest Technical Support at 800-509-3946, during regular business hours, Monday through Friday, 9 a.m. to 5 p.m., Eastern Standard Time, excluding the traditional American holidays. If you are outside of the United States, you can reach the support staff by calling 813-639-6333. You can also e-mail support requests to [support@commercequest.com](mailto:support@commercequest.com) during regular business hours. After regular business hours, calls placed to technical support will be handled in callback mode.

### Chapter Title Purpose

- 1 About This Guide Describes this manual and its contents.
- 2 Messages and Codes Lists and describes the e-Adapter messages and codes and lists corrective actions for solving the conditions that caused the code's generation.

### e-Adapter Messages and Codes 11

#### About This Guide

*Where to Look for More Information*

## Where to Look for More Information

Information about MQSeries issues is available in the MQSeries documentation. The IBM corporate website includes a web page that lists the MQSeries manuals and allows you access to an online version of each manual. At publication time, this page's URL was:

<http://www.software.ibm.com/ts/mqseries/library/manuals>.

The e-Adapter documentation—manuals and readmes—is available in PDF format for viewing and printing at <http://www.commercequest.com/documentation>.

## Conventions

The following elements are used in this guide to make it easier to use:

All syntax, operating system terms, and literal examples are presented in this typeface.

*Italics in a command string signify variables.*

Text enclosed in angle brackets (<>) contains variable information. Replace the variable information with the actual value.

### Note:

Notes provide additional information about the current subject.

### Warning:

Warnings alert you to situations that can cause problems, such as the loss of data, if you do not carefully follow instructions.

### Sidebar

Sidebar information does not fit specifically



with the flow of the current topic, but is important to the topic. Sidebars are usually a short topic.

## 12 e-Adapter Messages and Codes

### About This Guide

#### Conventions

The word *select* is used in text in the context of carrying out a series of menu choices to invoke some function.

## e-Adapter Messages and Codes 13

### chapter 2

# Messages and Codes

This chapter lists and describes e-Adapter messages and codes and lists corrective actions for solving the conditions listed in each code. For each code, it lists the following information:

- Message number
- Description
- e-Adapter user action
- e-Adapter administrator action
- MQSeries administrator action
- System administrator action
- Comments

The messages and codes listed in this chapter are arranged in the following groups:

- Informational messages
- Warning messages
- Error messages

This chapter contains the following sections:

#### Section Page

Interpreting Error Codes 14

Informational Messages 19

Warning Messages 32

Error Messages 38

## Interpreting Error Codes

### Locating the Log File

Messages and codes from e-Adapter are written to the log file as text entries. You can use any text editor to display the contents of the log file. The `-lfile` argument specified either in the e-Adapter command or in the configuration file names the file and path of the log file. For information about e-Adapter logging capabilities look in the *e-Adapter User's Guide*, "Logging e-Adapter Information."

## Where to Find Error Codes

e-Adapter generates error messages to the log file and optionally to the command line. In OS/390, log messages are written to the SYSOUT for the FTFSTART job, see "Initializing e-Adapter" in the *e-Adapter Installation Guide*. Log messages are written under the following conditions:

- A transaction is interrupted.
- A transaction cannot start.
- A transaction has completed.

When the error message is written to the log file, two numbers appear with the message's text. The first number is the primary return code; the second number is the secondary return code. When an error message appears in the log file, it



appears as two nine digit numbers at the beginning of the line. The general format of the line is:

*timeValue* *pppppppppp*:*sssssssss* *msgText*

Where:

- *timeValue* - Contains the hour, minute, and second of the time the message line was written. **Format:** hh:mm:ss.
- *pppppppppp* - Represents the primary return code. Often the first number is nine digits with the first digit not being zero. If the first digit is not zero, the number is in three parts:
  1. The first three digits contain the number of the component causing the error. See “e-Adapter Components” on page 17.
  2. The second three digits contain the line-number of code issuing the message.
  3. The last three digits contain the e-Adapter error number.
- *sssssssss* - Represents the secondary return code. These nine digits indicate one of three situations:
  1. The is in the same format as the primary return code. Consequently e-Adapter returns a second error condition.
  2. The secondary return code begins with five zeros (00000). In this case the last four digits are an MQSeries error code.
  3. The secondary return code is all zeros. In this case there is no secondary return code.
- *msgText* - is the text associated with the error number.

#### Example

The following figure contains an example of an e-Adapter log file:

The first five lines of the log contain startup information messages. Lines six and seven contain error messages.

The error numbers in line six are 101409601:000002051. These numbers can be deciphered as follows:

- The first number breaks into three separate codes based on the following table:
- The second return code contains five zeros in the first five position which indicates that the return code is an MQSeries code. 2051 is an MQSeries error code number. It can be referenced in the MQSeries documentation, See “Where to Look for More Information” on page 11.

The numbers in line seven are 101335623:000000000. These numbers can be deciphered as follows:

- The first number is breaks into three separate codes based on the following table:
- The second number is 000000000, indicating that there is no secondary error number.

#### Digits Sample Description

1-3 101 The number of the e-Adapter component having the problem. See “e-Adapter Components” on page 17.

4-6 409 The line of source code in the program where the message was issued.

7-9 601 The message number to reference in this manual.

#### Digits Sample Description

1-3 101 The e-Adapter component having the problem. See “e-Adapter



Components” on page 17

4-6 335 The line of source code in the program where the message was issued.

7-9 623 The message number to reference in this manual

## e-Adapter Components

The table that follows relates the number that appears in the first three digits of the error code to the component within e-Adapter.

Number Component

100 FTFCPT\_RECEIVER  
101 FTFCPT\_SENDER  
102 FTFCPT\_SENDER\_DATABLK  
103 FTFCPT\_SENDER\_PROCESS  
104 FTFCPT\_SENDER\_RECOVER  
105 FTFCPT\_SENDER\_SENDER  
106 FTFCPT\_MANAGER  
107 FTFCPT\_PRE\_POST\_PROCESS\_MONITOR  
108 FTFCPT\_REQUEST\_API  
109 FTFCPT\_PING\_API  
110 FTFCPT\_STATUS\_API  
111 FTFCPT\_SHUTDOWN\_API  
112 FTFCPT\_REQUEST\_CL  
113 FTFCPT\_PING\_CL  
114 FTFCPT\_STATUS\_CL  
115 FTFCPT\_SHUTDOWN\_CL  
116 FTFCPT\_MESSAGE\_INTERFACE\_HANDLER  
117 FTFCPT\_TMTGUI  
118 FTFCPT\_ISPFGUI  
119 FTFCPT\_STATUS\_REPORT  
120 FTFCPT\_SHUTDOWN  
121 FTFCPT\_STATUS  
122 FTFCPT\_REQUEST  
123 FTFCPT\_PING  
124 FTFCPT\_CANCEL  
125 FTFCPT\_CANCEL\_API  
126 FTFCPT\_CANCEL\_CL  
127 FTFCPT\_FTFSTART  
128 FTFCPT\_STAGE\_API  
129 FTFCPT\_STAGE\_CL  
130 FTFCPT\_LOG  
131 FTFCPT\_CFG  
132 FTFCPT\_STATD  
133 FTFCPT\_STATD\_API  
134 FTFCPT\_STATD\_CL

Number Component

## Additional Error Messages

Some components issue messages not contained in this manual. Other e-Adapter manuals contain the following chapters which have their own sections of error or status messages:



- Directory Monitor (*e-Adapter User's Guide*)
- Multi-File Connector (*e-Adapter Technical Reference*)
- File to Message Connector (*e-Adapter Technical Reference*)
- Virtual Machine Connector (*e-Adapter Technical Reference*)

## Informational Messages

Informational messages pass useful information about e-Adapter processing. Informational message codes start with FTFRCI. These messages do not affect the outcome of the transaction. Usually, they do not require intervention.

The following informational messages are described in this section.

### Number Message Text Page

001 FTFRCI\_NO\_STATUS\_MESSAGES\_PRESENT 20  
002 FTFRCI\_REQUEST\_EXPIRED 21  
003 FTFRCI\_REQUEST\_COMPLETE 22  
004 FTFRCI\_REQUEST\_COMPLETE\_UNSUCCESSFUL 23  
005 FTFRCI\_REQUEST\_CANCELLED 24  
006 FTFRCI\_REPLY\_TO\_PING\_FAILED 25  
007 FTFRCI\_PING\_COMPLETE\_UNSUCCESSFUL 26  
008 FTFRCI\_CANCEL\_PENDING 27  
009 FTFRCI\_RETRY\_LIMIT\_EXCEEDED 28  
010 FTFRCI\_REQUEST\_FLAGGED\_FOR\_EXPIRATION 29  
011 FTFRCI\_NO\_MORE\_DATA 30  
012 FTFRCI\_RESEND\_DATA 31

## FTFRCI\_NO\_STATUS\_MESSAGES\_PRESENT

### Numeric Value

001

### Description

No message for the ID was found in the status queues. The messages is displayed as a result of running a status query and the logs contain no messages associated with the ID that was entered as part of the query.

### e-Adapter User Actions

None.

### e-Adapter Administrator Actions

None.

### MQSeries Administrator Actions

None.

### System Administrator Actions

None.

### Comments

If you are using FTFSTAT, the message “No transfer events found for output” appears on the command line. This message does not appear in the logs.

## FTFRCI\_REQUEST\_EXPIRED

### Numeric Value

002

### Description

Because the system date is past the expiration date of the transaction, the transaction has expired. No further processing on that transaction will occur.

### e-Adapter User Actions

Refer to the *e-Adapter User's Guide* to see what user actions can cause a transaction to expire and how to correct the problem.

### e-Adapter Administrator Actions

None

### MQSeries Administrator Actions

None



### System Administrator Actions

The expiration could have accrued because the system clock on one of the nodes involved is set incorrectly. If so, set the time and time zone of the machine and resubmit the transaction.

### Comments

See "Interpreting Error Codes" on page 14.

## FTFRCI\_REQUEST\_COMPLETE

### Numeric Value

003

### Description

Indicates that a particular transaction is complete. Although the message is generated for transactions that finish because of error, these transactions produce other messages, as well.

### e-Adapter User Actions

None.

### e-Adapter Administrator Actions

None.

### MQSeries Administrator Actions

None.

### System Administrator Actions

None.

### Comments

None.

## FTFRCI\_REQUEST\_COMPLETE\_UNSUCCESSFUL

### Numeric Value

004

### Description

Indicates unsuccessful completion of a file transfer transaction.

### e-Adapter User Actions

Determine the cause of the error from the error codes listed in the appropriate log files.

### e-Adapter Administrator Actions

Determine the cause of the error from the error codes listed in the appropriate log files. The error might result from an incorrect e-Adapter configuration.

### MQSeries Administrator Actions

Determine the cause of the error from the error codes listed in the appropriate log files. The error might result from an incorrect MQSeries configuration.

### System Administrator Actions

Determine the cause of the error from the error codes listed in the appropriate log files. This error might result from a system configuration error.

### Comments

None.

## FTFRCI\_REQUEST\_CANCELLED

### Numeric Value

005

### Description

The e-Adapter transaction has been cancelled due to a user request.

### e-Adapter User Actions

None.

### e-Adapter Administrator Actions

None.

### MQSeries Administrator Actions

None.



## System Administrator Actions

None.

## Comments

None.

# FTFRCI\_REPLY\_TO\_PING\_FAILED

## Numeric Value

006

## Description

The e-Adapter component was unable to reply to a Ping request. Because failure of a ping request is not considered critical, the message is informational and the e-Adapter components continue to run.

## e-Adapter User Actions

Verify entries in the calling interface for correct specification of the queue manager names. If the names are correct, notify the e-Adapter Administrator with the specific return code and reason code.

## e-Adapter Administrator Actions

Verify the e-Adapter configuration file for correct specification of the queue names for all components. Verify the queue name specification (specifically the CONTROL queue names) for the corresponding component on all the communicating nodes.

If the secondary return code is MQSeries related, verify with the MQSeries Administrator that the MQSeries definition correct.

## MQSeries Administrator Actions

If the error is MQSeries related, verify that the MQSeries configuration has been carried out correctly. e-Adapter provides the MQSeries reason code value for every failing MQSeries operation that e-Adapter uses.

## System Administrator Actions

None.

## Comments

See “FTFPING” in the *e-Adapter User’s Manual* for help with the FTFPING command.

# FTFRCI\_PING\_COMPLETE\_UNSUCCESSFUL

## Numeric Value

007

## Description

The e-Adapter Ping request has completed unsuccessfully.

## e-Adapter User Actions

Verify that all the queue managers entered into the calling interface were specified correctly and notify the e-Adapter administrator.

## e-Adapter Administrator Actions

See “FTFPING” in the *e-Adapter User Guide* for an understanding of the flow of the e-Adapter Ping request. This message is issued when the e-Adapter manager component on the originating queue manager (oqm) is unable to communicate to the e-Adapter sender on the source queue manager (sqm). This condition usually arises due to invalid specification of the queue manager names or to incorrect MQSeries configuration. The MQSeries object names, type of operation, and the MQSeries reason code are logged by the e-Adapter Manager. Determine the appropriate action and notify the MQSeries administrator.

## MQSeries Administrator Actions

If the MQSeries reason code indicates a configuration error, modify the MQSeries configuration and try the operation again.

## System Administrator Actions

If the MQSeries reason code indicates a system related problem (resource or system configuration), consult the appropriate MQSeries manuals and correct



the error.

**Comments**

See “Troubleshooting FTFPING” in the *e-Adapter User’s Manual* for help with the FTFPING command.

**FTFRCI\_CANCEL\_PENDING**

Numeric Value

008

**Description**

The e-Adapter transaction has been marked as canceled due a user request. The message indicates that the cancel was entered, but the cancel request still needs to be sent to all components to be effective.

**e-Adapter User Actions**

None.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**FTFRCI\_RETRY\_LIMIT\_EXCEEDED**

Numeric Value

009

**Description**

Attempts to complete the e-Adapter transaction were unsuccessful after exhausting the maximum number of retries allowed by e-Adapter.

**e-Adapter User Actions**

Notify the e-Adapter administrator. After the e-Adapter administrator has taken corrective actions, reissue the command if necessary.

**e-Adapter Administrator Actions**

e-Adapter attempted to retry the failing request the maximum number of times.

View the logs from the different e-Adapter components (Manager, Sender and Receiver) and determine the root cause of the retry limit exhaustion. This condition could be due to e-Adapter Configuration error, MQSeries configuration error, or system resource shortages.

**MQSeries Administrator Actions**

Verify the MQSeries configuration for any errors.

**System Administrator Actions**

Verify that system resources are available.

**Comments**

None.

**FTFRCI\_REQUEST\_FLAGGED\_FOR\_EXPIRATION**

Numeric Value

010

**Description**

The e-Adapter transaction has been marked for expiration by the e-Adapter Manager on the oqm. The actual request does not expire until either the Sender or the Receiver actually expires the request. This information message indicates that the e-Adapter Manager component has not received the response for the expiration request from either the Sender or Receiver.

**e-Adapter User Actions**

None.



### e-Adapter Administrator Actions

Verify that the configuration files on the communicating nodes use the same MQSeries objects. View the logs of the e-Adapter Sender and e-Adapter Receiver involved and verify that no error messages were generated for the particular e-Adapter transaction.

### MQSeries Administrator Actions

Verify that the MQSeries channels are up between communicating nodes and that no error conditions (queue full, put disabled, etc.) exist on the different MQSeries objects used by e-Adapter.

### System Administrator Actions

None.

### Comments

None.

## FTFRCI\_NO\_MORE\_DATA

### Numeric Value

011

### Description

None.

### e-Adapter User Actions

None.

### e-Adapter Administrator Actions

None.

### MQSeries Administrator Actions

None.

### System Administrator Actions

None.

### Comments

None.

## FTFRCI\_RESEND\_DATA

### Numeric Value

012

### Description

None.

### e-Adapter User Actions

None.

### e-Adapter Administrator Actions

None.

### MQSeries Administrator Actions

None.

### System Administrator Actions

None.

### Comments

None.

## Warning Messages

Warning messages identify conditions that could lead to the failure of a transaction. These messages start with FTFRCW.

The warning messages listed in this section are:

### Number Message Text Page

300 FTFRCW\_NO\_STATUS\_MESSAGE\_FOR\_ID 33

301 FTFRCW\_STATUS\_MESSAGE\_PROCESSING\_FAILED 34

302 FTFRCW\_TXN\_NOT\_FOUND 35

303 FTFRCW\_INVALID\_REPLY\_DESTINATION 36

304 FTFRCW\_TIMEOUT 37



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## FTFRCW\_NO\_STATUS\_MESSAGE\_FOR\_ID

Numeric Value

300

Description

No status messages were found for the ID that was entered in a status request.

e-Adapter User Actions

Verify that the ID that was entered is correct.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCW\_STATUS\_MESSAGE\_PROCESSING\_FAILED

Numeric Value

301

Description

The e-Adapter component in error was unable to process the status message. Status messages are not required for the successful operation of e-Adapter its transactions. This message is issued if the e-Adapter component is unable to update the status subsystem with a new status.

e-Adapter User Actions

None

e-Adapter Administrator Actions

Verify that the configuration file specifies correct names for the MQSeries objects for the status control and detail queue names. View the logs to determine whether the error is MQSeries related and whether the MQSeries reason code indicates a benign or severe error condition. Notify the MQSeries administrator.

MQSeries Administrator Actions

Verify the maximum depth of the queues. Correct the MQSeries error, if necessary.

System Administrator Actions

None.

Comments

See "Interpreting Error Codes" on page 14 for help deciphering the error codes.

## FTFRCW\_TXN\_NOT\_FOUND

Numeric Value

302

Description

The e-Adapter transaction control message was not found in the internal processing queues. This message is produced by the e-Adapter Manager in response to a cancel request from a user for an already-completed transaction or a response for a transaction arrives after the transaction has been marked complete. Because of the flexibility provided by e-Adapter and MQSeries, messages from the different processing nodes for a particular transaction can arrive in any order. e-Adapter Manager will issue this warning message if it receives a response from a component for a transaction that has already been completed.

e-Adapter User Actions

None.



#### e-Adapter Administrator Actions

Network delays and incorrect e-Adapter and MQSeries configurations could be preventing the responses from reaching the e-Adapter Manager. Verify that the configuration settings are correct.

#### MQSeries Administrator Actions

MQSeries configuration errors could be preventing the responses from reaching the e-Adapter Manager in the correct order. Verify that the MQSeries configuration is correct.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCW\_INVALID\_REPLY\_DESTINATION

#### Numeric Value

303

#### Description

The e-Adapter Manager on the current node received a response from a node and the current node was not the intended recipient.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Verify that the e-Adapter configuration on both the current node and the node originating the message is correct. View the log to see the message and the node sending the message. Report the sending node to the MQSeries administrator.

#### MQSeries Administrator Actions

Verify that the MQSeries configurations are correct. If you are using queue manager alias features and are exploiting queue name resolution facilities of MQSeries, it is possible that messages are ending up in queue managers not intended for them.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCW\_TIMEOUT

#### Numeric Value

304

#### Description

The e-Adapter Ping request has timed out.

#### e-Adapter User Actions

Verify that the queue manager names specified in the Ping request are correct and reissue the request. If the problem persists, increase the timeout value in the Ping request and reissue the request. Report any queue managers that have responded to the e-Adapter administrator.

#### e-Adapter Administrator Actions

The e-Adapter Ping request could time out due to a variety of reasons. See “Troubleshooting FTFPING” in the *e-Adapter User’s Guide* for help with FTFPING problems.

#### MQSeries Administrator Actions

e-Adapter Ping requests could time out due to MQSeries errors such as channel down or incorrect channel configurations. Verify the log for MQSeries errors, determine the cause of the trouble, and correct it.

#### System Administrator Actions

None.

#### Comments



When the message is generated to the logs, the following message appears on the console: “FTF Ping timed out”.

## Error Messages

Error messages are generated for failed transactions and indicate the reason for failure. These messages start with FTFRCE.

Error messages covered in this section are:

### Number Message Text Page

600 FTFRCE\_MEMORY\_ALLOCATION\_FAILURE 43  
601 FTFRCE\_MQPUT\_FAILURE 44  
602 FTFRCE\_MQCONNECT\_FAILURE 45  
603 FTFRCE\_MQOPEN\_FAILURE 46  
604 FTFRCE\_MQGET\_FAILURE 47  
605 FTFRCE\_MQCMIT\_FAILURE 48  
606 FTFRCE\_INPUT\_REQUIRED 49  
607 FTFRCE\_INVALID\_OPTION 50  
608 FTFRCE\_CONFIGFILE\_ACCESS\_FAILURE 51  
609 FTFRCE\_MQINQ\_FAILURE 52  
611 FTFRCE\_CONTROL\_MSG\_NOT\_FOUND 53  
613 FTFRCE\_COMMAND\_LINE\_PROCESSING\_FAILED 54  
614 FTFRCE\_CONFIG\_FILE\_PROCESSING\_FAILED 55  
617 FTFRCE\_FTF\_INITIALIZATION\_FAILED 56  
618 FTFRCE\_SYNCQ\_PROCESSING\_FAILED 57  
619 FTFRCE\_CONTROLQ\_PROCESSING\_FAILED 58  
620 FTFRCE\_MQBROWSE\_FAILURE 59  
621 FTFRCE\_UNKNOWN\_MESSAGE\_TYPE 60  
622 FTFRCE\_MQCMIT\_FAILED 61  
623 FTFRCE\_REQUEST\_PROCESSING\_FAILED 62  
625 FTFRCE\_INVALID\_CONFIGURATION 63  
626 FTFRCE\_CANCELLATION\_FAILURE 64  
627 FTFRCE\_SUBMIT\_CANCEL\_MESSAGE\_FAILED 65  
628 FTFRCE\_SENDER\_FAILURE 66  
629 FTFRCE\_SUBMIT\_REPLY\_FAILURE 67  
630 FTFRCE\_RECEIVER\_FAILURE 68  
631 FTFRCE\_FILE\_IS\_A\_DIRECTORY 69  
632 FTFRCE\_FILE\_ALREADY\_EXISTS 70  
633 FTFRCE\_UNABLE\_TO\_CREATE\_DIRECTORY 71  
634 FTFRCE\_FILE\_DOES\_NOT\_EXIST 72  
635 FTFRCE\_INVALID\_FILEHANDLE 73  
636 FTFRCE\_INVALID\_FILEMODE 74  
637 FTFRCE\_FILE\_OPEN\_FAILURE 75  
638 FTFRCE\_INVALID\_FILENAME 76  
639 FTFRCE\_FILEWRITE\_ERROR 77  
640 FTFRCE\_DYNALLOC\_FAILED 78  
641 FTFRCE\_UNSUPPORTED\_FILETYPE 79  
642 FTFRCE\_CONFIG\_FILE\_NOT\_SPECIFIED 80  
643 FTFRCE\_UNKNOWN\_FTF\_COMPONENT 81  
644 FTFRCE\_INVALID\_TIMEOUT\_VALUE 82  
645 FTFRCE\_UUID\_CREATE\_FAILURE 83  
646 FTFRCE\_MISSING\_PARAMETER 84  
647 FTFRCE\_REPLY\_PROCESSING\_FAILED 85  
648 FTFRCE\_REPLY\_TIMED\_OUT 87  
649 FTFRCE\_FILE\_READ\_FAILURE 88  
650 FTFRCE\_INVALID\_ARGUMENT 89  
651 FTFRCE\_INVALID\_ICCQUEUE 90



652 FTFRCE\_SOURCE\_PREPROC\_FAILED 91  
653 FTFRCE\_INVALID\_EXITNAME 92  
654 FTFRCE\_INVALID\_ENTRYPOINT 93  
655 FTFRCE\_EXITLOAD\_FAILED 94  
656 FTFRCE\_EXITUNLOAD\_FAILED 95  
658 FTFRCE\_EXIT\_NO\_PATH\_SPECIFIED 96  
659 FTFRCE\_EXIT\_PATH\_TOO\_BIG 97  
660 FTFRCE\_EXIT\_FAILURE 98  
662 FTFRCE\_DYNFREE\_FAILED 99  
663 FTFRCE\_RECORD\_TOOBIG 100  
Number Message Text Page  
665 FTFRCE\_SOURCE\_POSTPROC\_FAILED 101  
667 FTFRCE\_MANAGER\_FAILURE 102  
668 FTFRCE\_LOG\_FILE\_OPEN\_FAILURE 103  
669 FTFRCE\_INVALID\_RECORDLENGTH 104  
670 FTFRCE\_INVALID\_BLKSIZE 105  
671 FTFRCE\_INVALID\_UNITNAME 106  
672 FTFRCE\_INVALID\_ALCUNIT 107  
673 FTFRCE\_INVALID\_FILEORG 108  
674 FTFRCE\_INVALID\_RECORDFORMAT 109  
675 FTFRCE\_MGRPRE\_EXIT\_FAILURE 110  
676 FTFRCE\_MGRPOST\_EXIT\_FAILURE 111  
677 FTFRCE\_SDRPRE\_EXIT\_FAILURE 112  
678 FTFRCE\_SDRPOST\_EXIT\_FAILURE 113  
679 FTFRCE\_RCVPRE\_EXIT\_FAILURE 114  
680 FTFRCE\_RCVPOST\_EXIT\_FAILURE 115  
681 FTFRCE\_SDRAUTH\_EXIT\_FAILURE 116  
682 FTFRCE\_RCVAUTH\_EXIT\_FAILURE 117  
683 FTFRCE\_RECEIVE\_IMMEDIATE\_TIMEOUT 118  
684 FTFRCE\_SEND\_IMMEDIATE\_TIMEOUT 119  
685 FTFRCE\_RECEIVE\_IMMEDIATE\_RECOVERY 120  
686 FTFRCE\_COMPRESSION\_NOT\_SUPPORTED 121  
701 FTFRCE\_INVALID\_CONFIG\_STANZA\_VALUE 122  
702 FTFRCE\_MISSING\_CONFIG\_STANZA 123  
706 FTFRCE\_NO\_AVAILABLE\_SYNC\_QUEUE 124  
708 FTFRCE\_ERROR\_CHECKING\_DATA 125  
711 FTFRCE\_UNABLE\_TO\_PROCESS\_STAGE\_ITEM 126  
712 FTFRCE\_FILE\_ERROR 127  
713 FTFRCE\_MISSING\_CONFIG\_SECTION 128  
714 FTFRCE\_UNABLE\_TO\_PROCESS\_REQUEST 129  
715 FTFRCE\_INVALID\_QUEUE\_MANAGER\_NAME 130  
716 FTFRCE\_INVALID\_RESEND\_REQUEST 131  
717 FTFRCE\_FATAL\_ERROR 132  
Number Message Text Page  
718 FTFRCE\_INTERNAL\_ERROR 133  
719 FTFRCE\_NO\_STAGE\_QUEUES\_DEFINED 134  
720 FTFRCE\_SECURITY\_ERROR 135  
722 FTFRCE\_UNABLE\_TO\_RETRIEVE\_USERID 136  
723 FTFRCE\_SOURCE\_FILENAME\_NOT\_SPECIFIED 137  
724 FTFRCE\_DEST\_FILENAME\_NOT\_SPECIFIED 138  
725 FTFRCE\_SOURCE\_QMGR\_NOT\_SPECIFIED 139  
726 FTFRCE\_DEST\_QMGR\_NOT\_SPECIFIED 140  
727 FTFRCE\_INVALID\_DATA\_POOL 141  
728 FTFRCE\_UNABLE\_TO\_RETRIEVE\_SECURITY\_CONTEXT 142  
729 FTFRCE\_AS400\_FILE\_DIFFERS\_FROM\_SPECIFIED 143



730 FTFRCE\_AS400\_INVALID\_RCDLEN 144  
731 FTFRCE\_AS400\_ERROR\_CREATING\_LIBRARY 145  
732 FTFRCE\_AS400\_CRTLIB\_NOT\_SPECIFIED 146  
733 FTFRCE\_AS400\_ERROR\_CREATING\_SRCPF 147  
734 FTFRCE\_AS400\_NOREPLACE\_SPECIFIED 148  
735 FTFRCE\_AS400\_ERROR\_CREATING\_SAVEF 149  
736 FTFRCE\_AS400\_ERROR\_CLEARING\_SAVEF 150  
737\* FTFRCE\_NON\_PERSIST\_STAGE\_DATA\_NOT\_FOUND 151  
739 FTFRCE\_INVALID\_DIRBLOCKS 152  
740 FTFRCE\_INVALID\_MODEL\_DATASET 153  
741 FTFRCE\_FILE\_CLOSE\_FAILURE 154  
742\* FTFRCE\_CONFIG\_FILE\_NOT\_FOUND 155  
743\* FTFRCE\_INVALID\_FTFCFG\_QUEUE 156  
744\* FTFRCE\_TIME\_SLICING\_FAILED 157  
745 FTFRCE\_INVALID\_IMMED\_STAGEONLY\_COMBINATION 151  
746 FTFRCE\_INVALID\_QMGR\_LENGTH 159  
750 FTFRCE\_QUERY\_STAGE\_FAILED 160  
760\* FTFRCE\_DLL\_LOAD\_FAILED 161  
761 FTFRCE\_DBCS\_PROCESSING\_FAILED 162  
801 FTFRCE\_COMPRESS\_FAILURE 163  
802 FTFRCE\_DECOMPRESS\_FAILURE 164  
Number Message Text Page  
803 FTFRCE\_BUFFERTOOSMALL 165  
804 FTFRCE\_INVALID\_INPUT 166  
805\* FTFRCE\_MAX\_MSG\_SIZE\_EXCEEDED 167  
806\* FTFRCE\_CONNECTOR\_SEND\_FAILURE 168  
807\* FTFRCE\_CONNECTOR\_RECEIVE\_FAILURE 169  
808\* FTFRCE\_CONNECTOR\_CONNECTOR\_REQUIRED 170  
809\* FTFRCE\_UNKNOWN\_CONNECTOR\_FILETYPE 171  
810 FTFRCE\_XML\_CONVERSION\_FAILURE 172  
811 FTFRCE\_XML\_PROCESSING\_ERROR 173  
812 FTFRCE\_BATCHCOUNT\_EXCEEDED 174  
813 FTFRCE\_DATABASE\_CONNECTION\_ERROR 175

Number Message Text Page

## **FTFRCE\_MEMORY\_ALLOCATION\_FAILURE**

Numeric Value

600

Description

The e-Adapter component issuing this error encountered a fatal error in trying to allocate memory for its internal processing. Depending on the type of operation the component is trying to execute, further processing may stop and the component may terminate.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

Verify the logs to see which component is having the problem with memory allocation. Restart that component.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify to see if system resources are available.

Comments

None.

## **FTFRCE\_MQPUT\_FAILURE**



#### Numeric Value

601

#### Description

The e-Adapter component in error is unable to deposit a message in an MQSeries queue.

#### e-Adapter User Actions

Report the error message to e-Adapter administrator.

#### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the MQPUT or MQPUT1 call as part of the secondary return code. Take corrective action based on this reason code's value.

#### MQSeries Administrator Actions

Based on the MQSeries reason code for the PUT failure, you may have to correct the MQSeries configuration.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_MQCONNECT\_FAILURE

#### Numeric Value

602

#### Description

The e-Adapter component in error is unable to connect to the queue manager.

#### e-Adapter User Actions

Verify that the queue manager names specified in the calling interface are correct.

#### e-Adapter Administrator Actions

e-Adapter reports the actual MQSeries reason code from the MQCONN call as part of the secondary return code. Take corrective action based on this reason code's value.

#### MQSeries Administrator Actions

Based on the MQSeries reason code for the connect failure, you may have to correct the MQSeries configuration.

#### System Administrator Actions

None.

#### Comments

See "Interpreting Error Codes" on page 14 for help deciphering the error codes.

### FTFRCE\_MQOPEN\_FAILURE

#### Numeric Value

603

#### Description

The e-Adapter component in error is unable to open the specified queue on the queue manager.

#### e-Adapter User Actions

Verify that the queue names specified in the e-Adapter configuration file are correct.

#### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the MQOPEN call as part of the secondary return code. Take corrective action based on this reason code's value.

#### MQSeries Administrator Actions

Based on the MQSeries reason code for the open failure, you may have to correct the MQSeries configuration.

#### System Administrator Actions



None.

#### Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

## FTFRCE\_MQGET\_FAILURE

#### Numeric Value

604

#### Description

The e-Adapter component in error is unable to get a message from an MQSeries queue.

#### e-Adapter User Actions

Report the error message to e-Adapter administrator.

#### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the MQGET or MQGET1 calls as part of the secondary return code. Take corrective action based on this return code’s value.

#### MQSeries Administrator Actions

Based on the MQSeries reason code for the get failure, you may have to correct the MQSeries configuration.

#### System Administrator Actions

None.

#### Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

## FTFRCE\_MQCMIT\_FAILURE

#### Numeric Value

605

#### Description

The e-Adapter component in error is unable to issue an MQ commit.

#### e-Adapter User Actions

Report the error message to the e-Adapter administrator.

#### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the commit call as part of the secondary return code. If the reason code indicates an e-Adapter configuration problem, take corrective action based on its value.

#### MQSeries Administrator Actions

Based on the MQSeries reason code for the commit failure, you may have to correct the MQSeries configuration.

#### System Administrator Actions

Consider cleaning up disk space.

#### Comments

See “Interpreting Error Codes” on page 14 for help deciphering the error codes.

## FTFRCE\_INPUT\_REQUIRED

#### Numeric Value

606

#### Description

More input is required by e-Adapter on the command that was entered at the calling interface.

#### e-Adapter User Actions

Supply the input that is required. The missing input is probably the lqm option required when you use e-Adapter on an OS/390 system.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.



#### System Administrator Actions

None.

#### Comments

When the message is generated to the logs, the following message appears on the console: “Invalid options specified” appears on the console.

### **FTFRCE\_INVALID\_OPTION**

#### Numeric Value

607

#### Description

An invalid option was specified on the command line.

#### e-Adapter User Actions

Correct the command line argument and reissue the command.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

When the message is generated to the logs, the following message appears on the console: “Invalid options specified” appears on the console.

### **FTFRCE\_CONFIGFILE\_ACCESS\_FAILURE**

#### Numeric Value

608

#### Description

e-Adapter was unable to access the e-Adapter configuration file.

#### e-Adapter User Actions

Report the error message to e-Adapter administrator.

#### e-Adapter Administrator Actions

Be sure the e-Adapter configuration file is available on the specified path. This path is specified either in the configuration file option in the calling interface or setting environment variables to point to the file.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

Verify permissions on the e-Adapter configuration file.

#### Comments

None.

### **FTFRCE\_MQINQ\_FAILURE**

#### Numeric Value

609

#### Description

The e-Adapter component in error is unable to inquire the queue manager to which it is connected.

#### e-Adapter User Actions

Report the error message to e-Adapter administrator.

#### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the MQINQ call as part of the secondary return code. Take corrective action based on this reason code’s value.

#### MQSeries Administrator Actions

Based on the MQSeries reason code for the MQINQ failure, you may have to correct the MQSeries configuration.

#### System Administrator Actions



None.

Comments

None.

## FTFRCE\_CONTROL\_MSG\_NOT\_FOUND

Numeric Value

611

Description

The control message defining the transfer request is not found on the receiver's queue. The transaction fails.

e-Adapter User Actions

Verify inputs to file transfer request to ensure all parameters are valid. Resubmit the request.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

Verify the e-Adapter's queue depths on the receiver's queue manager.

- If the queues are full, a component in the system may have failed, preventing messages from being processed. Restart any failed components.
- If the queues are not full, contact Technical Support (see page 10 for contact information).

System Administrator Actions

None.

Comments

None.

## FTFRCE\_COMMAND\_LINE\_PROCESSING\_FAILED

Numeric Value

613

Description

The e-Adapter component in error is unable to process the command-line arguments.

e-Adapter User Actions

Correct the command line in error and reissue the command.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_CONFIG\_FILE\_PROCESSING\_FAILED

Numeric Value

614

Description

The e-Adapter component in error is unable to process the e-Adapter configuration file.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

e-Adapter reports the section and stanza of the configuration file that is in error in the error log. Correct the section that is in error and reissue the command.

MQSeries Administrator Actions

None.



#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_FTF\_INITIALIZATION\_FAILED

#### Numeric Value

617

#### Description

e-Adapter encountered a problem initializing while attempting to submit a ping or request message to the manager. This condition correlates to a failure to create an FTF ID internally.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Collect information from the logs and record any messages displayed on the console, then contact Technical Support (see page 10 for contact information).

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_SYNCQ\_PROCESSING\_FAILED

#### Numeric Value

618

#### Description

e-Adapter encountered a problem attempting to process messages on the sync queue.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Make sure specified sync queue is not in use.

#### MQSeries Administrator Actions

Make sure specified sync queue is defined.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_CONTROLQ\_PROCESSING\_FAILED

#### Numeric Value

619

#### Description

The e-Adapter manager encountered an error processing a message from the control queue.

#### e-Adapter User Actions

Report the error message to e-Adapter administrator.

#### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the GET call from the control queue as part of the secondary return code. Take corrective action based on this return code's value if it is an e-Adapter configuration problem.

#### MQSeries Administrator Actions

Based on the MQSeries reason code for the failure, you may have to correct the MQSeries configuration.



### System Administrator Actions

None.

### Comments

None.

## FTFRCE\_MQBROWSE\_FAILURE

### Numeric Value

620

### Description

The e-Adapter manager encountered an error processing a message from the sync queue.

### e-Adapter User Actions

Report the error message to e-Adapter administrator.

### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the GET call from the sync queue as part of the secondary return code. Take corrective action based on this return code's value, if it is an e-Adapter configuration problem.

### MQSeries Administrator Actions

Based on the MQSeries reason code for the failure, you may have to correct the MQSeries configuration.

### System Administrator Actions

None.

### Comments

None.

## FTFRCE\_UNKNOWN\_MESSAGE\_TYPE

### Numeric Value

621

### Description

e-Adapter got a message from a queue that had an unknown message type.

### e-Adapter User Actions

Report the error message to e-Adapter Administrator.

### e-Adapter Administrator Actions

Collect the e-Adapter logs, the e-Adapter configuration file, and contact Technical Support (see page 10 for contact information).

### MQSeries Administrator Actions

None.

### System Administrator Actions

None.

### Comments

None.

## FTFRCE\_MQCMIT\_FAILED

### Numeric Value

622

### Description

The e-Adapter component in error is unable to issue an MQ commit.

### e-Adapter User Actions

Report the error message to the e-Adapter administrator.

### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the commit call as part of the secondary return code. Take corrective action based on this return code's value if it is an e-Adapter configuration problem.

### MQSeries Administrator Actions

Based on the MQSeries reason code for the commit failure, you may have to correct the MQSeries configuration.



### System Administrator Actions

Consider cleaning up disk space.

### Comments

See “Interpreting Error Codes” on page 14 for help in determining primary and secondary return codes.

## FTFRCE\_REQUEST\_PROCESSING\_FAILED

### Numeric Value

623

### Description

e-Adapter had a problem processing the request.

### e-Adapter User Actions

Report the error message to e-Adapter administrator.

### e-Adapter Administrator Actions

e-Adapter reports the MQSeries reason code from the failure as part of the secondary return code. Take corrective action based on this return code’s value if it is an e-Adapter configuration problem.

### MQSeries Administrator Actions

Based on the MQSeries reason code for the failure, you may have to correct the MQSeries configuration.

### System Administrator Actions

None.

### Comments

See “Interpreting Error Codes” on page 14 for help in determining primary and secondary return codes.

## FTFRCE\_INVALID\_CONFIGURATION

### Numeric Value

625

### Description

The e-Adapter Status GUI is unable to read the e-Adapter configuration file.

### e-Adapter User Actions

Verify that the configuration file exists and is readable. Also verify FTF\_CONFIG\_FILE environment variable to see if it is set the correct value.

### e-Adapter Administrator Actions

Verify that the configuration file exists and is readable. Also verify FTF\_CONFIG\_FILE environment variable to see if it is set to the correct value.

### MQSeries Administrator Actions

None.

### System Administrator Actions

None.

### Comments

None.

## FTFRCE\_CANCELLATION\_FAILURE

### Numeric Value

626

### Description

An e-Adapter cancel request failed.

### e-Adapter User Actions

None.

### e-Adapter Administrator Actions

Verify that the ReceiverControlQueue and ReceiverSystemQueue are correctly defined in the configuration file. The e-Adapter log file contains the node name of the Sender or Receiver involved.

### MQSeries Administrator Actions



None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_SUBMIT\_CANCEL\_MESSAGE\_FAILED

Numeric Value

627

Description

Cancel request message was not successfully submitted. If the cancel request is not resubmitted in time, the file transfer may complete processing.

e-Adapter User Actions

Verify that the cancel request input parameters are correct. Resubmit the request.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

Verify the e-Adapter's queue depths on the receiver's queue manager.

- If the queues are full, a component in the system may have failed, preventing messages from being processed. Restart any failed components.
- If the queues are not full, contact Technical Support (see page 10 for contact information).

System Administrator Actions

None.

Comments

If the cancel request is resubmitted and processed after the file transfer has been completed, the cancel request will be ignored by the system.

## FTFRCE\_SENDER\_FAILURE

Numeric Value

628

Description

This message indicates a generic e-Adapter Sender failure. The e-Adapter Sender has reported a failure back to the e-Adapter manager.

e-Adapter User Actions

Look in the e-Adapter log file. Check the secondary error code for more detail.

e-Adapter Administrator Actions

Look in the e-Adapter log file. Check the secondary error code for more detail.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

See "Interpreting Error Codes" on page 14 for help in determining primary and secondary return codes.

## FTFRCE\_SUBMIT\_REPLY\_FAILURE

Numeric Value

629

Description

An attempt to reply to a component has failed.

e-Adapter User Actions

Verify that the FTFIccQueue value is correctly defined in the configuration file.

e-Adapter Administrator Actions

Verify that the FTFIccQueue exists and is put and get enabled. Also check for a queue full condition on the ICCQueue.



**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_RECEIVER\_FAILURE**

**Numeric Value**

630

**Description**

This message indicates a generic e-Adapter Receiver failure. The e-Adapter Receiver has reported a failure to the e-Adapter Manager.

**e-Adapter User Actions**

Look in the e-Adapter log file. Check the secondary error code for more detail.

**e-Adapter Administrator Actions**

Look in the e-Adapter log file. Check the secondary error code for more detail.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_FILE\_IS\_A\_DIRECTORY**

**Numeric Value**

631

**Description**

The file e-Adapter is attempting to read or write is a directory.

**e-Adapter User Actions**

Correct the dpath or spath value in the transaction so that they point to a file and not to a directory.

**e-Adapter Administrator Actions**

Check the e-Adapter configuration file definitions for the source and target files.

Verify that the spath and dpath values point to files rather than directories.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_FILE\_ALREADY\_EXISTS**

**Numeric Value**

632

**Description**

The specified target file already exists. Based on other values, e-Adapter can not overwrite the file.

**e-Adapter User Actions**

A transfer was specified with the NOREPLACE option in the mode value.

Either remove this value from your transaction or change the option to APPEND or REPLACE.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.



System Administrator Actions

None.

Comments

None.

e-Adapter Messages and Codes 71

Messages and Codes

*Error Messages*

**FTFRCE\_UNABLE\_TO\_CREATE\_DIRECTORY**

Numeric Value

633

Description

e-Adapter is unable to create the specified directory.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that the user of the e-Adapter Receiver process has permission to create the specified directory.

Comments

None.

**FTFRCE\_FILE\_DOES\_NOT\_EXIST**

Numeric Value

634

Description

The specified file does not exist in the path indicated by the spath and cfile arguments.

e-Adapter User Actions

Verify that the file specified in the spath or cfile arguments exists. If it does not, change the file name to the name of a file that exists or add the file to the appropriate directory.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

**FTFRCE\_INVALID\_FILEHANDLE**

Numeric Value

635

Description

The name of the file to be accessed is invalid. The file handle may have changed, may be corrupt, the file or path may not exist, or the specified drive may not exist or may not be connected.

e-Adapter User Actions

Check accuracy of input parameters to the file transfer request. Verify that the file name is accurate. Resubmit the request.

e-Adapter Administrator Actions

None.



#### MQSeries Administrator Actions

None.

#### System Administrator Actions

If the file transfer still fails, verify permissions on the file.

#### Comments

None.

### FTFRCE\_INVALID\_FILEMODE

#### Numeric Value

636

#### Description

An invalid file mode has been specified in the transfer request. Valid file modes are OS dependent.

#### e-Adapter User Actions

Verify that input parameters for file mode are correct. Resubmit the request.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

If the request still fails, check the permissions on the file.

#### Comments

This error message most likely reflects a problem on the receiver side of the transaction.

### FTFRCE\_FILE\_OPEN\_FAILURE

#### Numeric Value

637

#### Description

e-Adapter is unable to open the source or target file for reading or writing.

#### e-Adapter User Actions

Verify that the files specified in the spath, dpath, and cfile values are correct.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

Verify that the e-Adapter Manager is able to read the specified files.

#### Comments

None.

### FTFRCE\_INVALID\_FILENAME

#### Numeric Value

638

#### Description

The file name that was specified in the calling interface is invalid.

#### e-Adapter User Actions

The file name that was specified does not conform to the requirements of the source or target platform. Some platforms have restrictions on the number of and type of characters that can appear in the file names. Correct the file name and resubmit the transaction.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions



None.

Comments

None.

## FTFRCE\_FILEWRITE\_ERROR

Numeric Value

639

Description

e-Adapter is unable to write data to the specified file.

e-Adapter User Actions

Verify that the options are correctly specified for the target platform.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify for the following conditions on the target device:

- An out-of-space condition exists on the target drive.
- The target device is available.
- Insufficient permissions exist for writing the file.

Comments

None.

## FTFRCE\_DYNALLOC\_FAILED

Numeric Value

640

Description

MVS is unable to allocate space for the target dataset. The error is specific to the MVS platform.

e-Adapter User Actions

Verify that the MVS options are correctly specified.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify an out-of-space condition on the target drive.

Comments

None.

## FTFRCE\_UNSUPPORTED\_FILETYPE

Numeric Value

641

Description

The file selected for the target file is unsupported by e-Adapter.

e-Adapter User Actions

Verify that the recfmt argument has a correct value of:

- F, V, FB, or VB on OS/390.
- SAVE or SRC PF (source physical) on OS/400.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify that the correct file types are specified:

- OS/390 file is F, V, FB, or VB.



- OS/400 file is SAVE or SRCPF (source physical).

**Comments**

None.

## FTFRCE\_CONFIG\_FILE\_NOT\_SPECIFIED

**Numeric Value**

642

**Description**

The e-Adapter configuration file was not specified

**e-Adapter User Actions**

Specify the path to the e-Adapter configuration file in the configuration file value.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None

**Comments**

None.

## FTFRCE\_UNKNOWN\_FTF\_COMPONENT

**Numeric Value**

643

**Description**

An invalid component was passed to the FTF Shutdown API from the calling interface.

**e-Adapter User Actions**

Verify that your API call to FTFShutdown API is passing FTF\_SENDER\_CPT, FTF\_RECEIVER\_CPT, or FTF\_MANAGER\_CPT in the FTFShutdownInfo data structure. Also verify the FTF\_Logger component.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

**Comments**

None.

## FTFRCE\_INVALID\_TIMEOUT\_VALUE

**Numeric Value**

644

**Description**

This message appears only when the FTFEND API is used. The timeout value that has been specified in the FTFShutDownInfo structure is invalid. This value could have come from any calling interface.

**e-Adapter User Actions**

Change the timeout value so that it is within the following valid ranges:

- Equal to or greater than zero.
- Equal to or less than 32767.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.



Comments

None.

## FTFRCE\_UUID\_CREATE\_FAILURE

Numeric Value

645

Description

e-Adapter was unable to create a unique FTFID for the file transfer.

e-Adapter User Actions

Resubmit the file transfer request.

e-Adapter Administrator Actions

If resubmit fails, contact Technical Support (see page 10 for contact information).

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_MISSING\_PARAMETER

Numeric Value

646

Description

This message occurs when the FTFSshutdown API is called. The condition for the message is either the input structure or the FTFSshutdownReply structure have a value of null.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

If you are calling these data structures from a C program, verify that the FTFSshutdownInfo and the FTFSshutdownReply are valid structures and check to see that the value is not null. If there are still problems, contact Technical Support (see page 10 for contact information).

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_REPLY\_PROCESSING\_FAILED

Numeric Value

647

Description

During execution of the FTFSshutdown API, replies from each of the components were not received to signal correct shut down.

e-Adapter User Actions

This message comes from the FTFSshutdown API.

- Verify that the FTF ICC queue is GET enabled.
- See if enough time has been allocated for all of the components to shutdown.
- If the problem continues, look for an MQSeries return code either on the console or in the e-Adapter log file and use this code to help in solving the problem.

Otherwise, contact Technical Support (see page 10 for contact information).



#### e-Adapter Administrator Actions

If an MQSeries return code is provided, this code may help in solving the problem. Otherwise, contact Technical Support (see page 10 for contact information).

#### MQSeries Administrator Actions

If an MQSeries return code is provided, this code may help in solving the problem. Otherwise, contact Technical Support (see page 10 for contact information).

#### System Administrator Actions

If an MQSeries return code is provided, this code may help in solving the problem. Otherwise, contact Technical Support (see page 10 for contact information).

#### Comments

See “Interpreting Error Codes” on page 14 to help with determining primary and secondary codes.

### FTFRCE\_REPLY\_TIMED\_OUT

#### Numeric Value

648

#### Description

Indicates that the calling interface has timed out while waiting for a response. The time-out condition can be due to a low time-out value or by components of the system not being available and ready to process files.

#### e-Adapter User Actions

Increase the time to wait for a response. Verify that all components are available and are ready to transfer files.

#### e-Adapter Administrator Actions

Verify that e-Adapter components are functioning correctly.

#### MQSeries Administrator Actions

Verify that MQSeries components are functioning correctly.

#### System Administrator Actions

Verify that the network is available.

#### Comments

None.

### FTFRCE\_FILE\_READ\_FAILURE

#### Numeric Value

649

#### Description

The specified file could not be read. This error may occur if an invalid file name is given, if there are security violations, or if there is a sharing violation with the file.

#### e-Adapter User Actions

Check the logs to see which file caused the error. Verify that the file name is correct in the calling interface and that proper security access is in place.

#### e-Adapter Administrator Actions

Verify that proper security access is in place.

#### MQSeries Administrator Actions

Verify that proper security access is in place.

#### System Administrator Actions

Verify that proper security access exists and that another process does not have the file locked.

#### Comments

None.

### FTFRCE\_INVALID\_ARGUMENT



#### Numeric Value

650

#### Description

The data structures being passed to e-Adapter from a calling program are not valid.

#### e-Adapter User Actions

Verify the FTFRequestMsgInfo data structure is used in the FTFReq API call and the FTFStageMsgInfo data structure used in the FTFStage API call. Be sure that all values are valid in the data structures. If the problem continues, the contact Technical Support (see page 10 for contact information).

#### e-Adapter Administrator Actions

Contact Technical Support (see page 10 for contact information).

#### MQSeries Administrator Actions

Contact Technical Support (see page 10 for contact information).

#### System Administrator Actions

Contact Technical Support (see page 10 for contact information).

#### Comments

None.

### FTFRCE\_INVALID\_ICCQUEUE

#### Numeric Value

651

#### Description

Indicates that the system cannot access the ICCQueue.

#### e-Adapter User Actions

Contact MQSeries administrator.

#### e-Adapter Administrator Actions

Contact MQSeries administrator.

#### MQSeries Administrator Actions

Check to see whether the ICCQUEUE that is specified in the configuration file's FTFICCQueue property is correctly specified. Additionally, verify to see if the ICCQueue exists and that it is get and put enabled.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_SOURCE\_PREPROC\_FAILED

#### Numeric Value

652

#### Description

e-Adapter Sender failed to execute its pre-process exit.

#### e-Adapter User Actions

Verify that the exit arguments passed to e-Adapter's FTFReq API are correct. The values could be coming from a program or another calling interface.

#### e-Adapter Administrator Actions

Verify that the exit dll files reside in the FTF\_EXIT\_PATH directory.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_INVALID\_EXITNAME

#### Numeric Value



653

**Description**

The specified exit name entered through a calling interface is an invalid exit name.

**e-Adapter User Actions**

Verify that the exit arguments supplied to the calling interface are correct.

**e-Adapter Administrator Actions**

Verify that the exit DLL files reside in the FTF\_EXIT\_PATH directory.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**FTFRCE\_INVALID\_ENTRYPOINT**

**Numeric Value**

654

**Description**

The entry point passed as exitentry value does not exist in the load library specified.

**e-Adapter User Actions**

Verify that the exit DLL file exists in the specified load library. Also, verify that the entry point exists in the load library specified with exit dll. The exit entry point name is case sensitive.

**e-Adapter Administrator Actions**

Verify that the proper version of the shared library is installed.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**FTFRCE\_EXITLOAD\_FAILED**

**Numeric Value**

655

**Description**

e-Adapter is unable to load the exit DLL from the specified library, possibly because of a sharing violation.

**e-Adapter User Actions**

Contact Technical Support (see page 10 for contact information).

**e-Adapter Administrator Actions**

Contact Technical Support (see page 10 for contact information).

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**FTFRCE\_EXITUNLOAD\_FAILED**

**Numeric Value**

656

**Description**

e-Adapter is unable to unload the exit DLL from the specified library, possibly



because of a sharing violation.

**e-Adapter User Actions**

Contact Technical Support (see page 10 for contact information).

**e-Adapter Administrator Actions**

Contact Technical Support (see page 10 for contact information).

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_EXIT\_NO\_PATH\_SPECIFIED**

**Numeric Value**

658

**Description**

e-Adapter could not locate the directory where the exit DLL files reside.

**e-Adapter User Actions**

None.

**e-Adapter Administrator Actions**

Verify that the environment variable FTF\_EXIT\_PATH is set and that the directory specified contains the exit DLL files.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_EXIT\_PATH\_TOO\_BIG**

**Numeric Value**

659

**Description**

The specified path for the exit (FTF\_EXIT\_PATH plus the exit library name) exceeds maximum path specified in the FTF\_MAX\_PATH parameter. The established value is 256 characters.

**e-Adapter User Actions**

Specify a path that has fewer than 256 characters.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_EXIT\_FAILURE**

**Numeric Value**

660

**Description**

The specified exit reported an error while executing the exit module.

**e-Adapter User Actions**

The reason for the failure is provided as the secondary return code. Perform the appropriate actions based on its value.

**e-Adapter Administrator Actions**



None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_DYNFREE\_FAILED

Numeric Value

662

Description

A FREE was attempted and failed on the MVS platform.

e-Adapter User Actions

Contact Technical Support (see page 10 for contact information).

e-Adapter Administrator Actions

Contact Technical Support (see page 10 for contact information).

MQSeries Administrator Actions

Contact Technical Support (see page 10 for contact information).

System Administrator Actions

Contact Technical Support (see page 10 for contact information).

Comments

None.

## FTFRCE\_RECORD\_TOOBIG

Numeric Value

663

Description

The size of the record being written to a file on the OS/390 platform is larger than the what has been specified in the lrecl argument.

e-Adapter User Actions

Change the lrecl argument size or decrease the sending record size and retry the data transfer.

e-Adapter Administrator Actions

MQSeries Administrator Actions

System Administrator Actions

Comments

None.

## FTFRCE\_SOURCE\_POSTPROC\_FAILED

Numeric Value

665

Description

The e-Adapter Sender was unable to process the post-process exit that was specified.

e-Adapter User Actions

This condition generally occurs when the e-Adapter Sender is performing an error recovery action after a hard crash and cannot find a post-process completion marker, which indicates a successful execution of the post-process exit. The transaction ends with an error. Verify that the values in the fields are correct. Reissue the request by specifying a correct post-process exit.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions



None.

Comments

None.

## FTFRCE\_MANAGER\_FAILURE

Numeric Value

667

Description

The queue manager failed during file transfer.

e-Adapter User Actions

Look for a secondary error code for more specific information regarding the failure. Check inputs to file transfer request and resubmit.

e-Adapter Administrator Actions

Look into queue manager log for additional information regarding the failure.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

This code is generic and should be accompanied by a secondary error message with more specific information.

## FTFRCE\_LOG\_FILE\_OPEN\_FAILURE

Numeric Value

668

Description

An e-Adapter process was unable to open its log file. Possible causes include a corrupt log file, changes in system permissions, or disconnected or nonexistent drive.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

Verify accuracy of path and log file name parameters. Restart the component.

MQSeries Administrator Actions

None.

System Administrator Actions

Check the specified log file and verify its path and permissions. Restart the component. If the error persists, contact Technical Support (see page 10 for contact information).

Comments

None.

## FTFRCE\_INVALID\_RECORDLENGTH

Numeric Value

669

Description

The lrecl value contains a value of zero or less than zero for an OS/390 target.

e-Adapter User Actions

Correct the record length specification by using a GUI, ISPF, or 5250 interface and reissue the request.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.



Comments

None.

## FTFRCE\_INVALID\_BLKSIZE

Numeric Value

670

Description

The blksize argument specified in the transaction for an OS/390 target file is invalid. There are many conditions under which this error message is issued.

The conditions may be:

- The blocksize specified is less than zero.
- The target file is formatted as fixed and the block size does not equal the record length.
- The target file is formatted as either fixed block or variable block and the block is not a multiple of the record length.
- The target file is formatted as a variable file and the record length is not at least four bytes less than the block size.

e-Adapter User Actions

Correct the block size and reissue the request.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_INVALID\_UNITNAME

Numeric Value

671

Description

The unit argument was not specified as part of the transaction with an OS/390 target.

e-Adapter User Actions

The unit name was not specified in the calling interface and no default value was specified in the configuration file at either the sending node or the receiving node. Specify a valid unit name in any of the supported components or specify the unit name in the configuration file.

e-Adapter does not verify whether the specified unit name is defined to the system until a dynamic allocation request is issued. Verify the valid unit names with your system administrator.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_INVALID\_ALCUNIT

Numeric Value

672

Description

The specified alcunit argument is invalid. e-Adapter supports allocation unit



types of CYL (cylinder), BLK (block), and TRK (track).

**e-Adapter User Actions**

Specify a valid value for the allocation unit and reissue the request. You can specify the allocation unit in the interface or the e-Adapter configuration file.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_INVALID\_FILEORG

Numeric Value

673

**Description**

The organization value contains an invalid dataset organization for the target node on an OS/390 platform. e-Adapter supports the following data set organizations: PS (physical sequential) and PDS (partitioned dataset).

**e-Adapter User Actions**

Specify a valid value for the allocation unit and reissue the request. You can specify the allocation unit in the interface or the e-Adapter configuration file.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_INVALID\_RECORDFORMAT

Numeric Value

674

**Description**

An invalid record format was specified for the OS/390 target. The supported record formats are Fixed, Fixed Block, Variable and Variable Block.

**e-Adapter User Actions**

Specify a valid value for the allocation unit and reissue the request. You can specify the allocation unit in the interface or the e-Adapter configuration file.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_MGRPRE\_EXIT\_FAILURE

Numeric Value

675

**Description**

The e-Adapter Manager failed while executing the pre-process exit.

**e-Adapter User Actions**



Verify that the supplied exit arguments are correct.

**e-Adapter Administrator Actions**

Verify that the exit DLLs reside in the FTF\_EXIT\_PATH.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_MGRPOST\_EXIT\_FAILURE

**Numeric Value**

676

**Description**

The e-Adapter Manager component failed while executing the post-process exit.

**e-Adapter User Actions**

Verify that the supplied exit arguments are correct.

**e-Adapter Administrator Actions**

Verify the exit DLLs reside in the FTF\_EXIT\_PATH.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_SDRPRE\_EXIT\_FAILURE

**Numeric Value**

677

**Description**

The e-Adapter Sender failed while executing the pre-process exit.

**e-Adapter User Actions**

Verify that the supplied exit arguments are correct. Retrieve the transaction's status from the logs and relay the information to the e-Adapter administrator.

**e-Adapter Administrator Actions**

Verify the following:

- The exit DLLs reside in the FTF\_EXIT\_PATH.
- The exit argument supplied are correct.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_SDRPOST\_EXIT\_FAILURE

**Numeric Value**

678

**Description**

The e-Adapter Sender failed while executing the post-process exit.

**e-Adapter User Actions**

Verify that the supplied exit arguments are correct. Retrieve the transaction's status from the logs and relay the information to the e-Adapter administrator.

**e-Adapter Administrator Actions**

Verify the following:

- The exit DLLs reside in the FTF\_EXIT\_PATH.



- The exit argument supplied are correct.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_RCVPRE\_EXIT\_FAILURE

Numeric Value

679

Description

The e-Adapter Receiver failed while executing the pre-process exit.

e-Adapter User Actions

Verify that the supplied exit arguments are correct. Retrieve the transaction's status from the logs and relay the information to the e-Adapter administrator.

e-Adapter Administrator Actions

Verify the following:

- The exit DLLs reside in the FTF\_EXIT\_PATH.
- The exit argument supplied are correct.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_RCVPOST\_EXIT\_FAILURE

Numeric Value

680

Description

The e-Adapter Receiver failed while executing the post-process exit.

e-Adapter User Actions

Verify that the supplied exit arguments are correct. Retrieve the transaction's status of the and relay the information to the e-Adapter administrator.

e-Adapter Administrator Actions

Verify the following:

- The exit DLLs reside in the FTF\_EXIT\_PATH.
- The exit argument supplied are correct.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_SDRAUTH\_EXIT\_FAILURE

Numeric Value

681

Description

The userID on the e-Adapter sender that is requesting the transaction does not have the authority to execute the exit.

e-Adapter User Actions

Verify that the exit arguments are correct.

e-Adapter Administrator Actions

None.



#### MQSeries Administrator Actions

None.

#### System Administrator Actions

Verify that the e-Adapter userID had authority to execute the specified exit.

#### Comments

None.

### FTFRCE\_RCVAUTH\_EXIT\_FAILURE

#### Numeric Value

682

#### Description

The userID on the e-Adapter receiver that is requesting the transaction does not have the authority to execute the exit.

#### e-Adapter User Actions

Verify that the exit arguments are correct.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

Verify that the e-Adapter userID had authority to execute the specified exit.

#### Comments

None.

### FTFRCE\_RECEIVE\_IMMEDIATE\_TIMEOUT

#### Numeric Value

683

#### Description

The receiver failed to receive immediate “heartbeat” message from the sender. Error may be caused by heavy network traffic, or component or channel failure. The file transfer fails.

#### e-Adapter User Actions

Resubmit the request.

#### e-Adapter Administrator Actions

Check that the sender component involved in the transfer is running.

#### MQSeries Administrator Actions

Verify that the channels between the sender and receiver machines are running.

#### System Administrator Actions

None.

#### Comments

On an immediate transfer, the sender and receiver periodically exchange messages to confirm that the other component is running and preserve the integrity of the synchronous data transfer. If either component doesn't hear back from the other in time, an error message is generated.

### FTFRCE\_SEND\_IMMEDIATE\_TIMEOUT

#### Numeric Value

684

#### Description

The sender failed to receive immediate “heartbeat” reply from the receiver. Error may be caused by heavy network traffic, or component or channel failure. The file transfer fails.

#### e-Adapter User Actions

Resubmit the request.

#### e-Adapter Administrator Actions

Check that the receiver component involved in the transfer is running.



#### MQSeries Administrator Actions

Verify that the channels between the sender and receiver machines are running.

#### System Administrator Actions

None.

#### Comments

On an immediate transfer, the sender and receiver periodically exchange messages to confirm that the other component is running and preserve the integrity of the synchronous data transfer. If either component doesn't hear back from the other in time, an error message is generated.

### FTFRCE\_RECEIVE\_IMMED\_RECOVERY

#### Numeric Value

685

#### Description

This message gets reported if the receiver started processing an immediate transfer and went down before the transfer was completed. When the receiver comes back up it recovers the transfer and this error is reported.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_COMPRESSION\_NOT\_SUPPORTED

#### Numeric Value

686

#### Description

This message gets reported when you attempt to run compression on the 4690 platform..

#### e-Adapter User Actions

Correct the command by removing the compression argument and resubmit.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_INVALID\_CONFIG\_STANZA\_VALUE

#### Numeric Value

701

#### Description

The specified stanza in the e-Adapter configuration file contains an invalid value.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Verify the logs for the stanza that contains the invalid value. Verify that all configuration file stanzas have correct values.



#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_MISSING\_CONFIG\_STANZA

#### Numeric Value

702

#### Description

A required stanza in the e-Adapter configuration file is missing.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Add the stanza and value to the configuration file. The required stanza is displayed as part of the message. Verify the format of the example provided in the e-Adapter configuration file, located in the e-Adapter root directory.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_NO\_AVAILABLE\_SYNC\_QUEUE

#### Numeric Value

706

#### Description

The component, that issued this error message, is unable to find a SYNC queue on which to operate. Each of the e-Adapter components (Manager, Sender and Receiver) requires an MQSeries message queue designated for use as a SYNC queue. Each instance of the component uses this queue on an exclusive basis.

See *e-Adapter User's Guide*, "FTFRCV" or "FTFSDR" on how e-Adapter resolves the SYNC queue names.

#### e-Adapter User Actions

Verify the following:

- Check the secondary return code and report any MQSeries specific errors to the MQSeries administrator.
- The configuration file for the correct specification of the SYNC queue names and the number of instances specified.
- Ensure that another instance of the component is not already running

#### e-Adapter Administrator Actions

Define the necessary objects and cross-check the queue names with the MQSeries object definitions

#### MQSeries Administrator Actions

Verify that all MQSeries objects are defined.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_ERROR\_CHECKING\_DATA

#### Numeric Value

708

#### Description



e-Adapter was unable to retrieve status data.

**e-Adapter User Actions**

Resubmit the status request.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

Verify the e-Adapter's queue depths on the status queue.

- If the queue is full, a component in the system may have failed, preventing messages from being processed. Restart any failed components.
- If the queue is not full, contact Technical Support (see page 10 for contact information).

**System Administrator Actions**

None.

**Comments**

The status API may return this message if it cannot find the data or if the queues are full.

## **FTFRCE\_UNABLE\_TO\_PROCESS\_STAGE\_ITEM**

**Numeric Value**

711

**Description**

e-Adapter was unable to successfully process the staged item. This error can occur during sending, purging, or querying.

**e-Adapter User Actions**

Verify that the argument values supplied to the e-Adapter command are correct. Verify that the associated file has been staged.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

Verify that the stage queues have the correct settings. Verify that these queues are get and put enabled.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_FILE\_ERROR**

**Numeric Value**

712

**Description**

e-Adapter failed to open or close a file. Look for secondary error code for more explicit information.

**e-Adapter User Actions**

Verify that input parameters of request are valid. Resubmit the request.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

Verify the permissions and existence of the file.

**Comments**

Possible causes include permissions, access conflicts, and invalid parameters (file by name specified does not exist, path is not valid). This code is generic and generally is accompanied by a secondary error code such as FTFRCE\_INVALID\_FILEHANDLE or FTFRCE\_INVALID\_FILEMODE.



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## FTFRCE\_MISSING\_CONFIG\_SECTION

Numeric Value

713

Description

A required section in the e-Adapter configuration file is missing.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

The required section is displayed as part of the message. Provide the section and value in the configuration file. Verify the format of the example provided in the e-Adapter configuration file.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_UNABLE\_TO\_PROCESS\_REQUEST

Numeric Value

714

Description

A general transmission failure has occurred and e-Adapter was unable to successfully complete the transaction.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

Verify that all e-Adapter components are running. Verify the logs for further information about components and other errors.

MQSeries Administrator Actions

Verify that the MQSeries queue managers are running and configured correctly.

System Administrator Actions

Verify that the proper permissions are correct for the transaction.

Comments

None.

## FTFRCE\_INVALID\_QUEUE\_MANAGER\_NAME

Numeric Value

715

Description

e-Adapter was unable to validate the supplied queue manager.

e-Adapter User Actions

Verify the queue manager names supplied in the transaction.

e-Adapter Administrator Actions

Verify existence of any queue manager overrides in the e-Adapter configuration file.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_INVALID\_RESEND\_REQUEST

Numeric Value

716



#### Description

The block size is less than zero in the resend request sent to the e-Adapter Sender from the e-Adapter Receiver. Negative block sizes are invalid.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Verify the logs for more information. Call Technical Support (see page 10 for contact information).

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_FATAL\_ERROR

#### Numeric Value

717

#### Description

e-Adapter encountered a condition that prevents it from continuing to process. Other error codes signal specific conditions where values are missing. This error indicates a general error that was not trapped by the more specific errors. e-Adapter will shut down when this error occurs.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Attempt to stop the remaining e-Adapter components and restart them. Call Technical Support (see page 10 for contact information).

#### MQSeries Administrator Actions

Verify the statuses of the MQSeries queue managers.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_INTERNAL\_ERROR

#### Numeric Value

718

#### Description

Internal e-Adapter processing has failed. Other error codes signal specific conditions where values are missing. This error indicates a general error that was not trapped by the more specific errors. e-Adapter will remain running even through this error is encountered.

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

Attempt to stop the remaining e-Adapter components and restart them. Call Technical Support (see page 10 for contact information).

#### MQSeries Administrator Actions

Verify the statuses of the MQSeries queue managers and the associated e-Adapter queues. Verify for queue full conditions.

#### System Administrator Actions

None.

#### Comments

None.



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## FTFRCE\_NO\_STAGE\_QUEUES\_DEFINED

Numeric Value

719

Description

e-Adapter was unable to access the stage queues.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

Verify that the e-Adapter configuration file is correct for the MQSeries configuration being used. Verify that the stage queue or stage pool is defined.

MQSeries Administrator Actions

Verify that the default e-Adapter queues were created and verify that any override e-Adapter queues were created. If override queues have not been created, create the queues and restart e-Adapter.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_SECURITY\_ERROR

Numeric Value

720

Description

e-Adapter was unable to validate the user that issued the request.

e-Adapter User Actions

Verify that you have permissions to access the MQSeries objects.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

Verify that the userID issuing the request has permissions to access the MQSeries objects.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_UNABLE\_TO\_RETRIEVE\_USERID

Numeric Value

722

Description

e-Adapter is unable to retrieve the userID that issued the request.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

Call Technical Support (see page 10 for contact information).

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_SOURCE\_FILENAME\_NOT\_SPECIFIED

Numeric Value

723

Description



No path to the source file was specified for the e-Adapter transaction.

**e-Adapter User Actions**

Verify that the source path was supplied for the e-Adapter request. If you call the API directly, verify that you are supplying the source file information in the FTFRequestMsgInfo data structure. If you are working with an interface, enter a source file name.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_DEST\_FILENAME\_NOT\_SPECIFIED**

Numeric Value

724

**Description**

No path to the destination file was specified for the e-Adapter request.

**e-Adapter User Actions**

Verify that the destination path and file name is supplied for the e-Adapter transaction. If you call the API directly, verify that you are supplying the source file information in the FTFRequestMsgInfo data structure. If you are working with an interface, enter a destination path and file name.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_SOURCE\_QMGR\_NOT\_SPECIFIED**

Numeric Value

725

**Description**

No source queue manager was specified for the e-Adapter request. This error can occur when staged items are purged or queried.

**e-Adapter User Actions**

Verify that the source queue manager was supplied for the e-Adapter transaction. If you are calling the API directly, the source queue manager information is supplied to the FTFRequestMsgInfo data structure. If you are using an interface, supply the source queue manager.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## **FTFRCE\_DEST\_QMGR\_NOT\_SPECIFIED**

Numeric Value



726

Description

No destination queue manager was specified for the e-Adapter request.

e-Adapter User Actions

Verify that the destination queue manager was supplied for the e-Adapter request and, if you are calling the API directly, be sure the target queue manager information is supplied in the FTFRequestMsgIno data structure. If you are using an interface, supply the destination queue manager.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_INVALID\_DATA\_POOL

Numeric Value

727

Description

e-Adapter is unable to find the data pool associated with the transaction.

e-Adapter User Actions

If you are not using the default pool, verify that the correct pool is being specified during the request.

e-Adapter Administrator Actions

Verify that the e-Adapter configuration file has the correct pool definitions.

MQSeries Administrator Actions

Verify that the queues associated with the pools have been created.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_UNABLE\_TO\_RETRIEVE\_SECURITY\_CONTEXT

Numeric Value

728

Description

e-Adapter failed to retrieve the context for the user that issued the e-Adapter request.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

Call Technical Support (see page 10 for contact information).

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_AS400\_FILE\_DIFFERS\_FROM\_SPECIFIED

Numeric Value

729

Description

**AS/400 only.** The AS400FT (AS400 File Type) specified is different from the



existing target file's type. The AS400FT is specified in the configuration file and can be overridden by supplying the AS400FT argument in your interface.

**e-Adapter User Actions**

Verify that the target file matches the AS400FT argument specified. Correct the value of the argument and reissue the command.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_AS400\_INVALID\_RCDLEN

**Numeric Value**

730

**Description**

**AS/400 only.** The rcdlen (record length) of an existing file is smaller than the rcdlen specified. The rcdlen defaults to 92 for Source Physical Files.

**e-Adapter User Actions**

Verify that a value of the redlen argument is greater than or equal to the redlen of the existing target file.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

## FTFRCE\_AS400\_ERROR\_CREATING\_LIBRARY

**Numeric Value**

731

**Description**

**AS/400 only.** An error occurred while e-Adapter was trying to dynamically allocate a new AS/400 library.

**e-Adapter User Actions**

Verify that a valid library name has been specified. Be sure that the proper security access is enabled for the library.

**e-Adapter Administrator Actions**

Verify that proper security access is enabled for the library.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

Verify that there is sufficient disk space to allocate the library.

**Comments**

None.

## FTFRCE\_AS400\_CRTLIB\_NOT\_SPECIFIED

**Numeric Value**

732

**Description**

**AS/400 only.** The specified library does not exist and the crtlib (create library) argument was not used in your calling interface. In order to have the system



dynamically allocate a library if it does not exist, you must specify the `crtlib` argument.

#### e-Adapter User Actions

Specify the `crtlib` argument to dynamically allocate a new library and reissue the command. Valid values are YES or NO.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

## FTFRCE\_AS400\_ERROR\_CREATING\_SRCPF

Numeric Value

733

#### Description

**AS/400 only.** An error occurred while e-Adapter was trying to dynamically allocate a Source Physical File (SRCPF). This error may occur under the following conditions:

- An invalid file name is given.
- There are security violations.
- There is not enough disk space.
- There is a sharing violation with the file.

#### e-Adapter User Actions

Verify the following:

- Proper security access is enabled.
- A valid file name was specified.
- There is enough disk space available.

#### e-Adapter Administrator Actions

Verify that proper security access is enabled.

#### MQSeries Administrator Actions

None

#### System Administrator Actions

Verify the following:

- Another process does not have the file locked.
- Another process is trying to allocate the file.
- There is sufficient disk space available.

#### Comments

None.

## FTFRCE\_AS400\_NOREPLACE\_SPECIFIED

Numeric Value

734

#### Description

**AS/400 only.** The target file's specified mode was NOREPLACE and the file already exists.

#### e-Adapter User Actions

Use a mode of REPLACE or APPEND to overwrite or append to the target file.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.



Comments

None.

## FTFRCE\_AS400\_ERROR\_CREATING\_SAVEF

Numeric Value

735

Description

**AS/400 only.** An error occurred while e-Adapter was trying to dynamically allocate a Save file. This error occurs in the following instances:

- An invalid file name is given.
- There are security violations.
- There is not enough disk space.
- There is a sharing violation with the file.

e-Adapter User Actions

Verify whether the proper security access is enabled.

e-Adapter Administrator Actions

Verify whether the proper security access is enabled on the specified file.

MQSeries Administrator Actions

None.

System Administrator Actions

Verify the following conditions:

- Another process does not have the file locked and a process trying to be allocated using the file.
- There is sufficient disk space available.

Comments

None.

## FTFRCE\_AS400\_ERROR\_CLEARING\_SAVEF

Numeric Value

736

Description

**AS/400 only.** An attempt was made to clear an existing SAVE file. A SAVE file must be cleared before any data can be written to it.

e-Adapter User Actions

Verify whether the proper security access is enabled to the specified file.

e-Adapter Administrator Actions

Verify whether the proper security access is enabled to the specified file.

MQSeries Administrator Actions

Verify whether the proper security access is enabled to the specified file.

System Administrator Actions

Verify whether the proper security access is enabled to the specified file.

Comments

None.

## FTFRCE\_NON\_PERSIST\_STAGE\_DATA\_NOT\_FOUND

Numeric Value

737

Description

None.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions



None.

Comments

None.

## FTFRCE\_INVALID\_DIRBLOCKS

Numeric Value

739

Description

**OS/390 Only.** A specified value for directory blocks is not valid. This error occurs under the following conditions:

- The target dataset specified is a PDS member.
- The PDS did not exist and e-Adapter tried to dynamically allocate the target dataset.
- A negative directory block value was specified.

e-Adapter User Actions

Specify a valid value for the number of directory blocks and reissue the request. You can specify a valid value either through the command arguments or through the configuration file.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_INVALID\_MODEL\_DATASET

Numeric Value

740

Description

**OS/390 Only.** An invalid dataset name in the model dataset for the Generation Data Group (GDG) allocation has been specified.

e-Adapter User Actions

Correct the dataset model specification and resubmit the transaction.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_FILE\_CLOSE\_FAILURE

Numeric Value

741

Description

e-Adapter failed to close the file on either the sender or receiver side. The transaction fails.

e-Adapter User Actions

Verify that the request input parameters are correct. Resubmit the request.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.



System Administrator Actions

Verify the permissions and existence of the file.

Comments

None.

## FTFRCE\_CONFIG\_FILE\_NOT\_FOUND

Numeric Value

742

Description

None.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_INVALID\_FTFCFG\_QUEUE

Numeric Value

743

Description

None.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_TIME\_SLICING\_FAILED

Numeric Value

744

Description

**OS/390 Only.** An invalid dataset name in the model dataset for the Generation Data Group (GDG) allocation has been specified.

e-Adapter User Actions

Correct the dataset model specification and resubmit the transaction.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_INVALID\_IMMED\_STAGEONLY\_COMBINATION

Numeric Value

745



### Description

The use of the immediate and stageonly arguments in an command is not one that can be executed. The immediate argument calls for and an instant synchronous data transfer between the Sender and Receiver. The stageonly argument transfers data to the staging area. The two commands are in conflict.

#### e-Adapter User Actions

Split the command into two operations if both arguments need to be executed. Otherwise remove one of the arguments from the command and resubmit.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

## FTFRCE\_INVALID\_QMGR\_LENGTH

### Numeric Value

746

### Description

#### e-Adapter User Actions

None.

#### e-Adapter Administrator Actions

None.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

## FTFRCE\_QUERY\_STAGE\_FAILED

### Numeric Value

750

### Description

e-Adapter failed to retrieve the staged items.

#### e-Adapter User Actions

Verify that the source queue manager name is correct and reissue the command.

#### e-Adapter Administrator Actions

Verify that e-Adapter components are running and that the userID has permissions to the MQSeries objects.

#### MQSeries Administrator Actions

Verify that GET is enabled on the stage queues.

#### System Administrator Actions

None.

#### Comments

None.

## FTFRCE\_DLL\_LOAD\_FAILED

### Numeric Value

760

### Description

e-Adapter failed to retrieve the staged items.

#### e-Adapter User Actions

Verify that the source queue manager name is correct and reissue the command.



#### e-Adapter Administrator Actions

Verify that e-Adapter components are running and that the userID has permissions to the MQSeries objects.

#### MQSeries Administrator Actions

Verify that GET is enabled on the stage queues.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_DBCS\_PROCESSING\_FAILED

#### Numeric Value

761

#### Description

The DBCS argument has been specified as a command-line option and the e-Adapter Sender could not process the input file correctly.

#### e-Adapter User Actions

When DBCS is specified, writing records to the output file is handled differently than in a normal e-Adapter data transfer. Verify that the msgsize argument contains a number large enough to contain the largest record. Change the arguments and reissue the command.

#### e-Adapter Administrator Actions

None

#### MQSeries Administrator Actions

None

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_COMPRESS\_FAILURE

#### Numeric Value

801

#### Description

An error detected during execution of the compression exit.

#### e-Adapter User Actions

Verify that the compression DLL exit is located in the path.

#### e-Adapter Administrator Actions

Verify that the directory is specified in the FTF\_EXIT\_PATH environment variable.

#### MQSeries Administrator Actions

None.

#### System Administrator Actions

None.

#### Comments

None.

### FTFRCE\_DECOMPRESS\_FAILURE

#### Numeric Value

802

#### Description

An error was detected during the execution of the decompression exit.

#### e-Adapter User Actions

Verify that the decompression DLL exit is located in the path.

#### e-Adapter Administrator Actions

Verify that the directory is specified in the FTF\_EXIT\_PATH environment



variable.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_BUFFERTOOSMALL

Numeric Value

803

Description

Buffer used in decompression of data messages is too small.

e-Adapter User Actions

Either:

- Resubmit the request without using file compression.
- Increase the message size parameter in the transfer request and resubmit the request (with compression).

e-Adapter Administrator Actions

Call Technical Support (see page 10 for contact information).

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

e-Adapter should detect that the buffer size is too small and automatically reallocate sufficient space rather than fail the transaction.

## FTFRCE\_INVALID\_INPUT

Numeric Value

804

Description

An invalid argument was detected in the specified interface.

e-Adapter User Actions

Correct the arguments values and resubmit the command to the interface.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_MAX\_MSG\_SIZE\_EXCEEDED

Numeric Value

805

Description

An invalid argument was detected in the specified interface.

e-Adapter User Actions

Correct the arguments values and resubmit the command to the interface.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions



None.

Comments

None.

## FTFRCE\_CONNECTOR\_SEND\_FAILURE

Numeric Value

806

Description

An invalid argument was detected in the specified interface.

e-Adapter User Actions

Correct the arguments values and resubmit the command to the interface.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_CONNECTOR\_RECEIVE\_FAILURE

Numeric Value

807

Description

An invalid argument was detected in the specified interface.

e-Adapter User Actions

Correct the arguments values and resubmit the command to the interface.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_CONNECTOR\_CONNECTOR\_REQUIRED

Numeric Value

808

Description

None.

e-Adapter User Actions

None.

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

## FTFRCE\_UNKNOWN\_CONNECTOR\_FILETYPE

Numeric Value

809

Description

When running the portal, a file type, not expected was encountered.



**e-Adapter User Actions**

Verify that the correct file type has been specified.

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**FTFRCE\_XML\_CONVERSION\_FAILURE**

**Numeric Value**

810

**Description**

**e-Adapter User Actions**

???

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**FTFRCE\_XML\_PROCESSING ERROR**

**Numeric Value**

811

**Description**

**e-Adapter User Actions**

???

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**FTFRCE\_BATCHCOUNT\_EXCEEDED**

**Numeric Value**

812

**Description**

**e-Adapter User Actions**

???

**e-Adapter Administrator Actions**

None.

**MQSeries Administrator Actions**

None.

**System Administrator Actions**

None.

**Comments**

None.

**e-Adapter Messages and Codes 175**



## Messages and Codes

### *Error Messages*

## FTFRCE\_DATABASE\_CONNECTION\_ERROR

Numeric Value

813

Description

e-Adapter User Actions

???

e-Adapter Administrator Actions

None.

MQSeries Administrator Actions

None.

System Administrator Actions

None.

Comments

None.

### e-Adapter Messages and Codes 177

## A

AS/400 errors 79, 143, 144, 145, 146, 147,  
148, 149, 150

authorization errors 116, 117

## C

cancel message errors 65

components 17

configuration file errors 51, 55, 63, 80, 122,  
123, 128

control message errors 53, 83

conventions 11

## D

Dynalloc errors 78, 99

## E

e\_Adapter components 17

error codes

additional error messages 19

interpreting 14

where to find 14

error numbers

error number 001 20

error number 002 21

error number 003 22

error number 004 23

error number 005 24

error number 006 25

error number 007 26

error number 008 27

error number 009 28

error number 010 29

error number 011 30

error number 012 31

error number 300 33



error number 301 34  
error number 302 35  
error number 303 36  
error number 304 37  
error number 600 43  
error number 601 44  
error number 602 45  
error number 603 46  
error number 604 47

# Index

## Index

### *E*

#### 178 e-Adapter Messages and Codes

error number 605 48  
error number 606 49  
error number 607 50  
error number 608 51  
error number 609 52  
error number 611 53  
error number 613 54  
error number 614 55  
error number 617 56  
error number 618 57  
error number 619 58  
error number 620 59  
error number 621 60  
error number 622 61  
error number 623 62  
error number 625 63  
error number 626 64  
error number 627 65  
error number 628 66  
error number 629 67  
error number 630 68  
error number 631 69  
error number 632 70  
error number 633 71  
error number 634 72  
error number 635 73  
error number 636 74  
error number 637 75  
error number 638 76  
error number 639 77  
error number 640 78  
error number 641 79  
error number 642 80  
error number 643 81  
error number 644 82  
error number 645 83  
error number 646 84  
error number 647 85  
error number 648 87



error number 649 88  
error number 650 89  
error number 651 90  
error number 652 91  
error number 653 92  
error number 654 93  
error number 655 94  
error number 656 95  
error number 658 96  
error number 659 97  
error number 660 98  
error number 662 99  
error number 663 100  
error number 665 101  
error number 667 102  
error number 668 103  
error number 669 104  
error number 670 105  
error number 671 106  
error number 672 107  
error number 673 108  
error number 674 109  
error number 675 110  
error number 676 111  
error number 677 112  
error number 678 113  
error number 679 114  
error number 680 115  
error number 681 116  
error number 682 117  
error number 683 118  
error number 684 119  
error number 685 120  
error number 686 121  
error number 701 122  
error number 702 123  
error number 706 124  
error number 708 125  
error number 711 126  
error number 712 127  
error number 713 128  
error number 714 129  
error number 715 130  
error number 716 131  
error number 717 132  
error number 718 133  
error number 719 134

## Index

### *F*

#### e-Adapter Messages and Codes 179

error number 720 135  
error number 722 136  
error number 723 137  
error number 724 138



error number 725 139  
error number 726 140  
error number 727 141  
error number 728 142  
error number 729 143  
error number 730 144  
error number 731 145  
error number 732 146  
error number 733 147  
error number 734 148  
error number 735 149  
error number 736 150  
error number 737 151  
error number 739 152  
error number 740 153  
error number 741 154  
error number 742 155  
error number 743 156  
error number 745 158  
error number 750 160  
error number 760 161  
error number 761 162  
error number 801 163  
error number 802 164  
error number 803 165  
error number 804 166  
error number 805 167  
error number 806 168  
error number 807 169  
error number 808 170  
error number 809 171  
error number 810 172  
error number 812 174  
error number 813 175  
exit errors 91, 92, 93, 94, 95, 96, 97, 98, 101,  
110, 111, 112, 113, 114, 115, 116,  
117, 163, 164

## F

file access errors 73, 74, 103, 127, 154, 165  
file transfer cancel request error 65  
file-record errors 69, 70, 72, 75, 76, 77, 79,  
88, 104, 137, 138  
FTFRCE\_AS400\_CRTLIB\_NOT\_SPECIFIED  
146  
FTFRCE\_AS400\_ERROR\_CLEARING\_SAVE  
F 150  
FTFRCE\_AS400\_ERROR\_CREATING\_LIBR  
ARY 145  
FTFRCE\_AS400\_ERROR\_CREATING\_SAVE  
F 149  
FTFRCE\_AS400\_ERROR\_CREATING\_SRCF  
F 147  
FTFRCE\_AS400\_FILE\_DIFFERS\_FROM\_SPE  
CIFIED 143



FTFRCE\_AS400\_INVALID\_RCDLEN 144  
FTFRCE\_AS400\_NOREPLACE\_SPECIFIED  
148  
FTFRCE\_BATCHCOUNT\_EXCEEDED 174  
FTFRCE\_BUFFERTOOSMALL 165  
FTFRCE\_CANCELLATION\_FAILURE 64  
FTFRCE\_COMMAND\_LINE\_PROCESSING\_  
FAILED 54  
FTFRCE\_COMPRESS\_FAILURE 163  
FTFRCE\_COMPRESSION\_NOT\_SUPPORTE  
D 121  
FTFRCE\_CONFIG\_FILE\_NOT\_FOUND 155  
FTFRCE\_CONFIG\_FILE\_NOT\_SPECIFIED  
80  
FTFRCE\_CONFIG\_FILE\_PROCESSING\_FAI  
LED 55  
FTFRCE\_CONFIGFILE\_ACCESS\_FAILURE  
51  
FTFRCE\_CONNECOR\_CONNECTOR\_REQU  
IRED 170  
FTFRCE\_CONNECTOR\_RECEIVE\_FAILURE  
169  
FTFRCE\_CONNECTOR\_SEND\_FAILURE  
168  
Index  
*F*  
180 e-Adapter Messages and Codes  
FTFRCE\_CONTROL\_MSG\_NOT\_FOUND 53  
FTFRCE\_CONTROLQ\_PROCESSING\_FAI  
D 58  
FTFRCE\_DATABASE\_CONNECTION\_ERRO  
R 175  
FTFRCE\_DBCS\_PROCESSING\_FAILED 162  
FTFRCE\_DECOMPRESS\_FAILURE 164  
FTFRCE\_DEST\_FILENAME\_NOT\_SPECIFIE  
D 138  
FTFRCE\_DEST\_QMGR\_NOT\_SPECIFIED  
140  
FTFRCE\_DLL\_LOAD\_FAILED 161  
FTFRCE\_DYNALLOC\_FAILED 78  
FTFRCE\_DYNFREE\_FAILED 99  
FTFRCE\_ERROR\_CHECKING\_DATA 125  
FTFRCE\_EXIT\_FAILURE 98  
FTFRCE\_EXIT\_NO\_PATH\_SPECIFIED 96  
FTFRCE\_EXIT\_PATH\_TOO\_BIG 97  
FTFRCE\_EXITLOAD\_FAILED 94  
FTFRCE\_EXITUNLOAD\_FAILED 95  
FTFRCE\_FATAL\_ERROR 132  
FTFRCE\_FILE\_ALREADY\_EXISTS 70  
FTFRCE\_FILE\_CLOSE\_FAILURE 154  
FTFRCE\_FILE\_DOES\_NOT\_EXIST 72  
FTFRCE\_FILE\_ERROR 127  
FTFRCE\_FILE\_IS\_A\_DIRECTORY 69  
FTFRCE\_FILE\_OPEN\_FAILURE 75



FTFRCE\_FILE\_READ\_FAILURE 88  
FTFRCE\_FILEWRITE\_ERROR 77  
FTFRCE\_FTF\_INITIALIZATION\_FAILED 56  
FTFRCE\_INPUT\_REQUIRED 49  
FTFRCE\_INTERNAL\_ERROR 133  
FTFRCE\_INVALID\_ALCUNIT 107  
FTFRCE\_INVALID\_ARGUMENT 89  
FTFRCE\_INVALID\_BLKSIZE 105  
FTFRCE\_INVALID\_CONFIG\_STANZA\_VALUE 122  
FTFRCE\_INVALID\_CONFIGURATION 63  
FTFRCE\_INVALID\_DATA\_POOL 141  
FTFRCE\_INVALID\_DIRBLOCKS 152  
FTFRCE\_INVALID\_ENTRYPOINT 93  
FTFRCE\_INVALID\_EXITNAME 92  
FTFRCE\_INVALID\_FILEHANDLE 73  
FTFRCE\_INVALID\_FILEMODE 74  
FTFRCE\_INVALID\_FILENAME 76  
FTFRCE\_INVALID\_FILEORG 108  
FTFRCE\_INVALID\_FTFCFG\_QUEUE 156  
FTFRCE\_INVALID\_ICCQUEUE 90  
FTFRCE\_INVALID\_IMMEDIATE\_STAGEONLY\_COMBINATION 158  
FTFRCE\_INVALID\_INPUT 166  
FTFRCE\_INVALID\_MODEL\_DATASET 153  
FTFRCE\_INVALID\_OPTION 50  
FTFRCE\_INVALID\_QUEUE\_MANAGER\_NAME 130  
FTFRCE\_INVALID\_RECORDFORMAT 109  
FTFRCE\_INVALID\_RECORDLENGTH 104  
FTFRCE\_INVALID\_RESEND\_REQUEST 131  
FTFRCE\_INVALID\_TIMEOUT\_VALUE 82  
FTFRCE\_INVALID\_UNITNAME 106  
FTFRCE\_LOG\_FILE\_OPEN\_FAILURE 103  
FTFRCE\_MANAGER\_FAILURE 102  
FTFRCE\_MAX\_MSG\_SIZE\_EXCEEDED 167  
FTFRCE\_MEMORY\_ALLOCATION\_FAILURE 43  
FTFRCE\_MGRPOST\_EXIT\_FAILURE 111  
FTFRCE\_MGRPRE\_EXIT\_FAILURE 110  
FTFRCE\_MISSING\_CONFIG\_SECTION 128  
FTFRCE\_MISSING\_CONFIG\_STANZA 123  
FTFRCE\_MISSING\_PARAMETER 84  
FTFRCE\_MQBROWSE\_FAILURE 59  
FTFRCE\_MQCMIT\_FAILED 61  
FTFRCE\_MQCMIT\_FAILURE 48  
FTFRCE\_MQCONNECT\_FAILURE 45  
FTFRCE\_MQGET\_FAILURE 47  
FTFRCE\_MQINQ\_FAILURE 52  
FTFRCE\_MQOPEN\_FAILURE 46  
FTFRCE\_MQPUT\_FAILURE 44  
FTFRCE\_NO\_AVAILABLE\_SYNC\_QUEUE 124  
FTFRCE\_NO\_STAGE\_QUEUES\_DEFINED 134



FTFRCE\_NON\_PERSIST\_STAGE\_DATA\_NO  
T\_FOUND 151

FTFRCE\_QUERY\_STAGE\_FAILED 160  
FTFRCE\_RCVAUTH\_EXIT\_FAILURE 117

Index

L

### e-Adapter Messages and Codes 181

FTFRCE\_RCVPOST\_EXIT\_FAILURE 115  
FTFRCE\_RCVPRE\_EXIT\_FAILURE 114  
FTFRCE\_RECEIVE\_IMMEDIATE\_RECOVERY  
120

FTFRCE\_RECEIVE\_IMMEDIATE\_TIMEOUT 118  
FTFRCE\_RECEIVER\_FAILURE 68

FTFRCE\_RECORD\_TOO\_BIG 100  
FTFRCE\_REPLY\_PROCESSING\_FAILED 85  
FTFRCE\_REPLY\_TIMED\_OUT 87

FTFRCE\_REQUEST\_PROCESSING\_FAILED  
62

FTFRCE\_SDRAUTH\_EXIT\_FAILURE 116  
FTFRCE\_SDRPOST\_EXIT\_FAILURE 113

FTFRCE\_SDRPRE\_EXIT\_FAILURE 112  
FTFRCE\_SECURITY\_ERROR 135

FTFRCE\_SEND\_IMMEDIATE\_TIMEOUT 119  
FTFRCE\_SENDER\_FAILURE 66

FTFRCE\_SOURCE\_FILENAME\_NOT\_SPECI  
FIED 137

FTFRCE\_SOURCE\_POSTPROC\_FAILED 101  
FTFRCE\_SOURCE\_PREPROC\_FAILED 91

FTFRCE\_SOURCE\_QMGR\_NOT\_SPECIFIED  
139

FTFRCE\_SUBMIT\_CANCEL\_MESSAGE\_FAI  
LED 65

FTFRCE\_SUBMIT\_REPLY\_FAILURE 67  
FTFRCE\_SYNCQ\_PROCESSING\_FAILED 57

FTFRCE\_UNABLE\_TO\_CREATE\_DIRECTO  
RY 71

FTFRCE\_UNABLE\_TO\_PROCESS\_REQUES  
T 129

FTFRCE\_UNABLE\_TO\_PROCESS\_STAGE\_I  
TEM 126

FTFRCE\_UNABLE\_TO\_RETRIEVE\_SEURI  
TY\_CONTEXT 142

FTFRCE\_UNABLE\_TO\_RETRIEVE\_USERID  
136

FTFRCE\_UNKNOWN\_CONNECTOR\_FILET  
YPE 171

FTFRCE\_UNKNOWN\_FTF\_COMPONENT 81  
FTFRCE\_UNKNOWN\_MESSAGE\_TYPE 60

FTFRCE\_UNSUPPORTED\_FILETYPE 79  
FTFRCE\_UUID\_CREATE\_FAILURE 83

FTFRCE\_XML\_CONVERSION\_FAILURE  
172

FTFRCE\_XML\_PROCESSING\_ERROR  
error numbers



error number 811 173  
FTFRCI\_CANCEL\_PENDING 27  
FTFRCI\_NO\_MORE\_DATA 30  
FTFRCI\_NO\_STATUS\_MESSAGES\_PRESENT 20  
FTFRCI\_PING\_COMPLETE\_UNSUCCESSFUL 26  
FTFRCI\_REPLY\_TO\_PING\_FAILED 25  
FTFRCI\_REQUEST\_CANCELLED 24  
FTFRCI\_REQUEST\_COMPLETE 22  
FTFRCI\_REQUEST\_COMPLETE\_UNSUCCESSFUL 23  
FTFRCI\_REQUEST\_EXPIRED 21  
FTFRCI\_REQUEST\_FLAGGED\_FOR\_EXPIRATION 29  
FTFRCI\_RESEND\_DATA 31  
FTFRCI\_RETRY\_LIMIT\_EXCEEDED 28  
FTFRCW\_INVALID\_REPLY\_DESTINATION 36  
FTFRCW\_NO\_STATUS\_MESSAGE\_FOR\_ID 33  
FTFRCW\_STATUS\_MESSAGE\_PROCESSING\_FAILED 34  
FTFRCW\_TIMEOUT 37  
FTFRCW\_TXN\_NOT\_FOUND 35

## I

ICQueue errors 67, 90  
immediate 120

## L

log file  
locating 14  
log file access errors 103

Index

## T

182 e-Adapter Messages and Codes

## M

memory allocation errors 43  
message text 15  
messages  
error 38  
informational 19  
warning 32  
MQSeries related errors 44, 45, 46, 47, 48, 52, 59, 61  
MVS/ESA errors 106

## O

OS/390 errors 78, 79, 99, 105, 107, 108, 109, 152, 153

## P

ping messages 25, 26



pool errors 141  
primary return code 14

## Q

queue manager errors 102, 130, 139, 140

## R

receiver errors 68, 117, 118  
request messages 21, 22, 23, 24, 29, 30, 31

## S

secondary return code 15  
security errors 135, 142  
sender errors 66, 116, 119  
stage errors 126, 134, 160  
status data errors 125  
status messages 33, 34  
sync queue errors 124  
synchronization errors 118, 119

## T

technical support 10  
text of message 15  
time value 14  
timeout errors 37, 82, 87