

# JD Edwards EnterpriseOne Application Real-Time Events 8.12 Implementation Guide

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# About This Documentation Preface

JD Edwards EnterpriseOne implementation guides provide you with the information that you need to implement and use JD Edwards EnterpriseOne applications from Oracle.

This preface discusses:

- JD Edwards EnterpriseOne application prerequisites.
- Application fundamentals.
- Documentation updates and printed documentation.
- Additional resources.
- Typographical conventions and visual cues.
- Comments and suggestions.
- Common fields in implementation guides.

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**Note.** Implementation guides document only elements, such as fields and check boxes, that require additional explanation. If an element is not documented with the process or task in which it is used, then either it requires no additional explanation or it is documented with common fields for the section, chapter, implementation guide, or product line. Fields that are common to all JD Edwards EnterpriseOne applications are defined in this preface.

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## JD Edwards EnterpriseOne Application Prerequisites

To benefit fully from the information that is covered in these books, you should have a basic understanding of how to use JD Edwards EnterpriseOne applications.

You might also want to complete at least one introductory training course, if applicable.

You should be familiar with navigating the system and adding, updating, and deleting information by using JD Edwards EnterpriseOne menus, forms, or windows. You should also be comfortable using the World Wide Web and the Microsoft Windows or Windows NT graphical user interface.

These books do not review navigation and other basics. They present the information that you need to use the system and implement your JD Edwards EnterpriseOne applications most effectively.

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## Application Fundamentals

Each application implementation guide provides implementation and processing information for your JD Edwards EnterpriseOne applications.

For some applications, additional, essential information describing the setup and design of your system appears in a companion volume of documentation called the application fundamentals implementation guide. Most product lines have a version of the application fundamentals implementation guide. The preface of each implementation guide identifies the application fundamentals implementation guides that are associated with that implementation guide.

The application fundamentals implementation guide consists of important topics that apply to many or all JD Edwards EnterpriseOne applications. Whether you are implementing a single application, some combination of applications within the product line, or the entire product line, you should be familiar with the contents of the appropriate application fundamentals implementation guides. They provide the starting points for fundamental implementation tasks.

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## Documentation Updates and Printed Documentation

This section discusses how to:

- Obtain documentation updates.
- Order printed documentation.

### Obtaining Documentation Updates

You can find updates and additional documentation for this release, as well as previous releases, on Oracle's PeopleSoft Customer Connection website. Through the Documentation section of Oracle's PeopleSoft Customer Connection, you can download files to add to your Implementation Guides Library. You'll find a variety of useful and timely materials, including updates to the full line of JD Edwards EnterpriseOne documentation that is delivered on your implementation guides CD-ROM.

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**Important!** Before you upgrade, you must check Oracle's PeopleSoft Customer Connection for updates to the upgrade instructions. Oracle continually posts updates as the upgrade process is refined.

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### See Also

Oracle's PeopleSoft Customer Connection, [http://www.oracle.com/support/support\\_peoplesoft.html](http://www.oracle.com/support/support_peoplesoft.html)

### Ordering Printed Documentation

You can order printed, bound volumes of the complete line of JD Edwards EnterpriseOne documentation that is delivered on your implementation guide CD-ROM. Oracle makes printed documentation available for each major release of JD Edwards EnterpriseOne shortly after the software is shipped. Customers and partners can order this printed documentation by using any of these methods:

- Web
- Telephone
- Email

#### Web

From the Documentation section of Oracle's PeopleSoft Customer Connection website, access the PeopleBooks Press website under the Ordering PeopleBooks topic. Use a credit card, money order, cashier's check, or purchase order to place your order.

#### Telephone

Contact MMA Partners, the book print vendor, at 877 588 2525.

**Email**

Send email to MMA Partners at [peoplebookspres@mmapartner.com](mailto:peoplebookspres@mmapartner.com).

**See Also**

Oracle's PeopleSoft Customer Connection, [http://www.oracle.com/support/support\\_peoplesoft.html](http://www.oracle.com/support/support_peoplesoft.html)

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## Additional Resources

The following resources are located on Oracle's PeopleSoft Customer Connection website:

Resource	Navigation
Application maintenance information	Updates + Fixes
Business process diagrams	Support, Documentation, Business Process Maps
Interactive Services Repository	Support, Documentation, Interactive Services Repository
Hardware and software requirements	Implement, Optimize, and Upgrade; Implementation Guide; Implementation Documentation and Software; Hardware and Software Requirements
Installation guides	Implement, Optimize, and Upgrade; Implementation Guide; Implementation Documentation and Software; Installation Guides and Notes
Integration information	Implement, Optimize, and Upgrade; Implementation Guide; Implementation Documentation and Software; Pre-Built Integrations for PeopleSoft Enterprise and JD Edwards EnterpriseOne Applications
Minimum technical requirements (MTRs) (JD Edwards EnterpriseOne only)	Implement, Optimize, and Upgrade; Implementation Guide; Supported Platforms
Documentation updates	Support, Documentation, Documentation Updates
Implementation guides support policy	Support, Support Policy
Prerelease notes	Support, Documentation, Documentation Updates, Category, Release Notes
Product release roadmap	Support, Roadmaps + Schedules
Release notes	Support, Documentation, Documentation Updates, Category, Release Notes
Release value proposition	Support, Documentation, Documentation Updates, Category, Release Value Proposition
Statement of direction	Support, Documentation, Documentation Updates, Category, Statement of Direction

Resource	Navigation
Troubleshooting information	Support, Troubleshooting
Upgrade documentation	Support, Documentation, Upgrade Documentation and Scripts

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## Typographical Conventions and Visual Cues

This section discusses:

- Typographical conventions.
- Visual cues.
- Country, region, and industry identifiers.
- Currency codes.

### Typographical Conventions

This table contains the typographical conventions that are used in implementation guides:

Typographical Convention or Visual Cue	Description
<b>Bold</b>	Indicates PeopleCode function names, business function names, event names, system function names, method names, language constructs, and PeopleCode reserved words that must be included literally in the function call.
<i>Italics</i>	Indicates field values, emphasis, and JD Edwards EnterpriseOne or other book-length publication titles. In PeopleCode syntax, italic items are placeholders for arguments that your program must supply.  We also use italics when we refer to words as words or letters as letters, as in the following: Enter the letter <i>O</i> .
KEY+KEY	Indicates a key combination action. For example, a plus sign (+) between keys means that you must hold down the first key while you press the second key. For ALT+W, hold down the ALT key while you press the W key.
Monospace font	Indicates a PeopleCode program or other code example.
“ ” (quotation marks)	Indicate chapter titles in cross-references and words that are used differently from their intended meanings.

Typographical Convention or Visual Cue	Description
... (ellipses)	Indicate that the preceding item or series can be repeated any number of times in PeopleCode syntax.
{ } (curly braces)	Indicate a choice between two options in PeopleCode syntax. Options are separated by a pipe ( ).
[ ] (square brackets)	Indicate optional items in PeopleCode syntax.
& (ampersand)	When placed before a parameter in PeopleCode syntax, an ampersand indicates that the parameter is an already instantiated object.  Ampersands also precede all PeopleCode variables.

## Visual Cues

Implementation guides contain the following visual cues.

### Notes

Notes indicate information that you should pay particular attention to as you work with the JD Edwards EnterpriseOne system.

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**Note.** Example of a note.

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If the note is preceded by *Important!*, the note is crucial and includes information that concerns what you must do for the system to function properly.

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**Important!** Example of an important note.

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### Warnings

Warnings indicate crucial configuration considerations. Pay close attention to warning messages.

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**Warning!** Example of a warning.

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### Cross-References

Implementation guides provide cross-references either under the heading “See Also” or on a separate line preceded by the word *See*. Cross-references lead to other documentation that is pertinent to the immediately preceding documentation.

## Country, Region, and Industry Identifiers

Information that applies only to a specific country, region, or industry is preceded by a standard identifier in parentheses. This identifier typically appears at the beginning of a section heading, but it may also appear at the beginning of a note or other text.

Example of a country-specific heading: “(FRA) Hiring an Employee”

Example of a region-specific heading: “(Latin America) Setting Up Depreciation”

## Country Identifiers

Countries are identified with the International Organization for Standardization (ISO) country code.

## Region Identifiers

Regions are identified by the region name. The following region identifiers may appear in implementation guides:

- Asia Pacific
- Europe
- Latin America
- North America

## Industry Identifiers

Industries are identified by the industry name or by an abbreviation for that industry. The following industry identifiers may appear in implementation guides:

- USF (U.S. Federal)
- E&G (Education and Government)

## Currency Codes

Monetary amounts are identified by the ISO currency code.

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## Comments and Suggestions

Your comments are important to us. We encourage you to tell us what you like, or what you would like to see changed about implementation guides and other Oracle reference and training materials. Please send your suggestions to Documentation Manager, Oracle Corporation, 7604 Technology Way, Denver, CO, 80237. Or email us at [documentation\\_us@oracle.com](mailto:documentation_us@oracle.com).

While we cannot guarantee to answer every email message, we will pay careful attention to your comments and suggestions.

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## Common Fields Used in Implementation Guides

### Address Book Number

Enter a unique number that identifies the master record for the entity. An address book number can be the identifier for a customer, supplier, company, employee, applicant, participant, tenant, location, and so on. Depending on the application, the field on the form might refer to the address book number as the customer number, supplier number, or company number, employee or applicant ID, participant number, and so on.

<b>As If Currency Code</b>	Enter the three-character code to specify the currency that you want to use to view transaction amounts. This code enables you to view the transaction amounts as if they were entered in the specified currency rather than the foreign or domestic currency that was used when the transaction was originally entered.
<b>Batch Number</b>	Displays a number that identifies a group of transactions to be processed by the system. On entry forms, you can assign the batch number or the system can assign it through the Next Numbers program (P0002).
<b>Batch Date</b>	Enter the date in which a batch is created. If you leave this field blank, the system supplies the system date as the batch date.
<b>Batch Status</b>	Displays a code from user-defined code (UDC) table 98/IC that indicates the posting status of a batch. Values are: <i>Blank</i> : Batch is unposted and pending approval. <i>A</i> : The batch is approved for posting, has no errors and is in balance, but has not yet been posted. <i>D</i> : The batch posted successfully. <i>E</i> : The batch is in error. You must correct the batch before it can post. <i>P</i> : The system is in the process of posting the batch. The batch is unavailable until the posting process is complete. If errors occur during the post, the batch status changes to <i>E</i> . <i>U</i> : The batch is temporarily unavailable because someone is working with it, or the batch appears to be in use because a power failure occurred while the batch was open.
<b>Branch/Plant</b>	Enter a code that identifies a separate entity as a warehouse location, job, project, work center, branch, or plant in which distribution and manufacturing activities occur. In some systems, this is called a business unit.
<b>Business Unit</b>	Enter the alphanumeric code that identifies a separate entity within a business for which you want to track costs. In some systems, this is called a branch/plant.
<b>Category Code</b>	Enter the code that represents a specific category code. Category codes are user-defined codes that you customize to handle the tracking and reporting requirements of your organization.
<b>Company</b>	Enter a code that identifies a specific organization, fund, or other reporting entity. The company code must already exist in the F0010 table and must identify a reporting entity that has a complete balance sheet.
<b>Currency Code</b>	Enter the three-character code that represents the currency of the transaction. JD Edwards EnterpriseOne provides currency codes that are recognized by the International Organization for Standardization (ISO). The system stores currency codes in the F0013 table.
<b>Document Company</b>	Enter the company number associated with the document. This number, used in conjunction with the document number, document type, and general ledger date, uniquely identifies an original document.  If you assign next numbers by company and fiscal year, the system uses the document company to retrieve the correct next number for that company.

If two or more original documents have the same document number and document type, you can use the document company to display the document that you want.

**Document Number**

Displays a number that identifies the original document, which can be a voucher, invoice, journal entry, or time sheet, and so on. On entry forms, you can assign the original document number or the system can assign it through the Next Numbers program.

**Document Type**

Enter the two-character UDC, from UDC table 00/DT, that identifies the origin and purpose of the transaction, such as a voucher, invoice, journal entry, or time sheet. JD Edwards EnterpriseOne reserves these prefixes for the document types indicated:

*P*: Accounts payable documents.

*R*: Accounts receivable documents.

*T*: Time and pay documents.

*I*: Inventory documents.

*O*: Purchase order documents.

*S*: Sales order documents.

**Effective Date**

Enter the date on which an address, item, transaction, or record becomes active. The meaning of this field differs, depending on the program. For example, the effective date can represent any of these dates:

- The date on which a change of address becomes effective.
- The date on which a lease becomes effective.
- The date on which a price becomes effective.
- The date on which the currency exchange rate becomes effective.
- The date on which a tax rate becomes effective.

**Fiscal Period and Fiscal Year**

Enter a number that identifies the general ledger period and year. For many programs, you can leave these fields blank to use the current fiscal period and year defined in the Company Names & Number program (P0010).

**G/L Date** (general ledger date)

Enter the date that identifies the financial period to which a transaction will be posted. The system compares the date that you enter on the transaction to the fiscal date pattern assigned to the company to retrieve the appropriate fiscal period number and year, as well as to perform date validations.

# JD Edwards EnterpriseOne Application Realtime Events Preface

This preface discusses:

- JD Edwards EnterpriseOne products
- JD Edwards EnterpriseOne application fundamentals

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## JD Edwards EnterpriseOne Products

This implementation guide refers to these JD Edwards EnterpriseOne products from Oracle:

- JD Edwards EnterpriseOne Address Book
- JD Edwards EnterpriseOne Accounts Payable
- JD Edwards EnterpriseOne Accounts Receivable
- JD Edwards EnterpriseOne General Accounting
- JD Edwards EnterpriseOne Human Resources
- JD Edwards EnterpriseOne Inventory Management
- JD Edwards EnterpriseOne Procurement and Subcontractor Management
- JD Edwards EnterpriseOne Requisition Self Service
- JD Edwards EnterpriseOne Sales Order Management
- JD Edwards EnterpriseOne Service Management
- JD Edwards EnterpriseOne Shop Floor Control

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## JD Edwards EnterpriseOne Application Fundamentals

Additional, essential information describing the setup and design of the system appears in companion volumes of documentation called *JD Edwards EnterpriseOne Financial Management Application Fundamentals 8.12 Implementation Guide*, *JD Edwards EnterpriseOne Human Capital Management Application Fundamentals 8.12 Implementation Guide*, and *JD Edwards EnterpriseOne Customer Relationship Management Application Fundamentals 8.12 Implementation Guide*.

## **See Also**

*JD Edwards EnterpriseOne Financial Management Solutions Application Fundamentals 8.12 Implementation Guide*, “JD Edwards EnterpriseOne Financial Management Application Fundamentals Preface”

*JD Edwards EnterpriseOne Human Capital Management Application Fundamentals 8.12 Implementation Guide*, “JD Edwards EnterpriseOne HCM Fundamentals Preface”

*JD Edwards EnterpriseOne Customer Relationship Management Application Fundamentals 8.12 Implementation Guide*, “JD Edwards EnterpriseOne CRM Application Fundamentals Preface”

# CHAPTER 1

## Getting Started with JD Edwards EnterpriseOne Application Realtime Events

This chapter discusses:

- JD Edwards EnterpriseOne Application Realtime Events overview.
- JD Edwards EnterpriseOne Application Realtime Events implementation.

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### JD Edwards EnterpriseOne Application Realtime Events Overview

A realtime event (RTE) is notification to a third-party system that a business transaction has occurred in the JD Edwards EnterpriseOne system from Oracle. Third-party systems subscribe to the JD Edwards EnterpriseOne system to receive notification when a specific transaction occurs. You can use any JD Edwards EnterpriseOne interface, such as HTML, WIN32, and terminal servers to generate realtime events. Realtime events can be used for both synchronous and asynchronous processing.

A XAPI event is similar to a realtime event in that an outbound notification is sent to subscribers when a specified transaction occurs in the JD Edwards EnterpriseOne system. The difference between a realtime event and a XAPI event is that the subscriber to a XAPI event returns a reply to the originator. XAPI events use the same infrastructure as realtime events. XAPI also provides a way for two different JD Edwards EnterpriseOne systems to communicate with each other.

The purpose of this guide is to provide information about the JD Edwards EnterpriseOne realtime and XAPI events.

#### Naming Conventions

Realtime events use this naming standard:

*RTXXYYY* where *XX* is the product area, and *YYY* is the type (for example, OUT, HDR, DTL).

#### Transaction-Specific Instructions

The discussions of the realtime events in this guide include a table similar to this table. This table explains the data that is contained in these tables.

<b>Event Name</b>	The name of the event.
<b>Event Description</b>	A description of the event.
<b>Event Type</b>	<i>RTE</i> for realtime events; <i>XAPI</i> for XAPI events.
<b>Event Category</b>	Defined as single or container event.

<b>Product Code</b>	The system code.
<b>Reliable Delivery</b>	Values are: <i>I</i> or <i>Y</i> : Reliable <i>0</i> or <i>N</i> : Volatile
<b>Timeout Threshold</b>	This field applies only to reliable events for which an initial delivery attempt fails. The value determines the maximum amount of time that has to pass from the event creation to the time when the event will be discarded if not delivered successfully. Events with a threshold of zero never expire.
<b>Data Structure</b>	The JD Edwards EnterpriseOne data structure that is used for the current single event.
<b>Event Relationship</b>	The relationship of the current single event to other realtime events.

## Defining Events

Events are defined in the Interoperability Event Definition table (F90701). You use the Event Definition Workbench program (P90701A) to add new single and container events to the Interoperability Event Definition table and to review the existing events. You add single events by event name. When you add a single event, you must include the JD Edwards EnterpriseOne data structure. A container event contains single events, aggregate events, or both.

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**Note.** The system publishes container events, which contain the data from the contained single events, rather than publishing the single contained events. You can use the Connector Events Client to view published events.

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**Note.** The realtime events that are described in this guide have already been set up in the data that is shipped with the software. You can use the Event Definition Workbench program to review these realtime events.

---

## See Also

JD Edwards EnterpriseOne Tools 8.96 Interoperability Guide, “Using Events – Guaranteed.”

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# JD Edwards EnterpriseOne Application Realtime Events Implementation

This section provides an overview of the steps that are required to use application realtime events.

In the planning phase of your implementation, take advantage of all JD Edwards EnterpriseOne sources of information, including the installation guides and troubleshooting information. A complete list of these resources appears in the preface in the *About This Documentation*, with information about where to find the most current version of each.

## See Also

*About This Documentation*, “About This Documentation Preface” [“About This Documentation Preface,”](#)  
[page ix](#)

## Implementation Steps

Implementing any application realtime events must be preceded by setting up the corresponding JD Edwards EnterpriseOne system.

The Getting Started chapter in the implementation guide for each of these systems contains specific implementation information for that system.

After you have set up the relevant JD Edwards EnterpriseOne systems for the application realtime events you are using, you must complete a specific step to set up the application realtime events.

<b>Step</b>	<b>Reference</b>
1. Define and activate realtime events.	JD Edwards EnterpriseOne Tools 8.96 Interoperability Guide, "Using Events – Guaranteed," Defining Events.



## CHAPTER 2

# Working with Application Realtime Events

This chapter discusses the realtime events for these areas:

- Address Book
- Business Unit
- Company
- Customer
- Direct Connect
- Employee
- Equipment
- Financials
- Human Resources
- Inventory
- Manufacturing
- Procurement
- Sales
- Service and Equipment Work Orders
- Supplier
- User Profile

### See Also

JD Edwards EnterpriseOne Tools 8.96: Interoperability: “Using Events – Guaranteed”

JD Edwards EnterpriseOne Tools 8.96: Interoperability: “Using XAPI Events – Guaranteed”

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## Address Book

This section discusses the realtime events generated by the Address Book system.

### RTABOUT

RTABOUT is a container event generated by the JD Edwards EnterpriseOne system to notify third-party systems about changes to the address book record. RTABOUT is a container event for RTABHDR, RTABPHOUT, and RTABEAOUT.

<b>Event Name</b>	<i>RTABOUT</i>
<b>Event Description</b>	<i>AB</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for: <ul style="list-style-type: none"> <li>• RTABHDR (D0100085A)</li> <li>• RTABPHOUT (D0100085B)</li> <li>• RTABEAOUT (D0100085C)</li> </ul>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the appropriate realtime events that are contained by this event for information about the event fields, conceptual approach, and processes that can this event.

### Special Setup

RTABOUT has some additional special setup requirements due to the logic in the realtime wrapper.

The processing options for version ZJDE0001 of the Address Book Master Real Time Event Wrapper Application program (P0100085) determine which phone and email records are sent. The purpose of these processing options is to enable filtering of the outbound event, RTABOUT.

This table explains the processing options:

<b>Configure Contact Information</b>	Enter a code to specify how you want to send contact information. Values are: <i>0</i> , blank, or null: The system sends only primary contact information for an address book record as single fields. It sends the first telephone number, fax number, and email address of an address book record that matches the type specified in the other processing options. <i>1</i> : Regardless of the types specified in the other processing options, the system sends the complete collection of contact information, including primary contact information, for an address book record in one group. <i>2</i> : The system sends primary contact information in single fields, and the complete collection of contact information in a group. This value is a combination of values <i>0</i> and <i>1</i> .
<b>Phone Number Type</b>	Indicate either the location or use of a telephone number. Values are defined in user-defined code (UDC) table 01/PH (Phone Type). This processing option also applies to WSG (Web Services Gateway).
<b>Fax Number Type</b>	Specify the phone type for the telephone number to use for faxes. Values are defined in UDC table 01/PH (Phone Type). This processing option also applies to WSG.

**Electronic Address Type** Specify the electronic address type that the system uses for an individual or an entity for internet communications. Values are defined in UDC table 01/ET (Electronic Address Type) This processing option also applies to WSG.

## RTABHDR

RTABHDR is a single event that provides address book header information within the RTABOUT container event. RTABHDR is generated only when RTABOUT is generated.

<b>Event Name</b>	<i>RTABHDR</i>
<b>Event Description</b>	<i>AB Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100085A: Address Book Master Real Time</i>
<b>Event Relationship</b>	Included in container event RTABOUT

### Event Fields

The RTABHDR event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Type
AN8	mnAddressNumber	Numeric	8	Address Number
ALPH	szNameAlpha	String	40	Alpha Name
AT1	szSearchType	String	3	Search Type
MCU	szBusinessUnit	String	12	Business Unit
PA8	mnParentNumber	Numeric	8	Parent Number
MLNM	szMailingName	String	40	Mailing Name
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADD4	szAddressLine4	String	40	Address Line 4

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CTY1	szCity	String	25	City
COUN	szCountyAddress	String	25	County Address
ADDS	szState	String	3	State
ADDZ	szZipCodePostal	String	12	Zip Code
CTR	szCountry	String	3	Country
EMAL	szEmail	String	256	Email
RMK	szNameRemark	String	30	Name - Remark
EDUS	szEdiUserId	String	10	EDI - User ID
EDBT	szEdiBatchNumber	String	15	EDI - Batch Number
EDTN	szEdiTransactNumber	String	22	EDI - Transaction Number
EDLN	mnEdiLineNumber	Numeric	7	EDI - Line Number
EDCT	szEdiDocumentType	String	2	EDI - Document Type
TYTN	szTypeTransaction	String	8	Type - Transaction
EDFT	szEdiTranslationFormat	String	10	EDI - Translation Format
EDDT	jdEdiTransmissionDate	Date	6	EDI - Transmission Date
DRIN	cDirectionIndicator	Char	1	Direction Indicator
EDDL	mnEdiDetailLinesProcess	Numeric	5	EDI - Detail Lines Processed
EDSP	cEdiSuccessfullyProcess	Char	1	EDI - Successfully Processed
PNID	szTradingPartnerId	String	15	Trading Partner ID
TNAC	szTransactionAction	String	2	Transaction Action
ALKY	szAlternateAddressKey	String	20	Long Address Number
TAX	szTaxId	String	20	Tax ID
DC	szDescripCompressed	String	40	Description - Compressed
SIC	szStandardIndustryCode	String	10	Industry Classification Code
LNGP	szLanguagePreference	String	2	Language
CM	szCreditMessage	String	2	Credit Message

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TAXC	cPersonCorporationCode	Char	1	Person/Corporation Code
AT2	cAddressType2	Char	1	AR/AP Netting Indicator
AT3	cAddressType3	Char	1	HRM Records Exist
AT4	cAddressType4	Char	1	Address Type - 4
ATR	cAddressTypeReceivables	Char	1	Address Type - Receivables
AT5	cAddressType5	Char	1	Address Type - 5
ATP	cAddressTypePayables	Char	1	Address Type - Payables
ATPR	cAddTypeCode4Purch	Char	1	Address Type - Code, Purchaser
AB3	cMiscCode3	Char	1	Address Book - MiscellaneousCode(future)
ATE	cAddressTypeEmployee	Char	1	Address Type - Employee
SBLI	cSubledgerInactiveCode	Char	1	Subledger Inactive Code
EFTB	jdDateBeginningEffective	Date	6	Date - Beginning Effective
AN81	mnAddressNumber1st	Numeric	8	Address Number - 1st
AN82	mnAddressNumber2nd	Numeric	8	Address Number - 2nd
AN83	mnAddressNumber3rd	Numeric	8	Address Number - 3rd
AN84	mnAddressNumber4th	Numeric	8	Address Number - 4th
AN86	mnAddressNumber6th	Numeric	8	Address Number - 5th
AN85	mnAddressNumber5th	Numeric	8	Factor/Special Payee
AC01	szReportCodeAddBook001	String	3	Category Code - Address Book 01
AC02	szReportCodeAddBook002	String	3	Category Code - Address Book 02
AC03	szReportCodeAddBook003	String	3	Category Code - Address Book 03
AC04	szReportCodeAddBook004	String	3	Category Code - Address Book 04
AC05	szReportCodeAddBook005	String	3	Category Code - Address Book 05
AC06	szReportCodeAddBook006	String	3	Category Code - Address Book 06
AC07	szReportCodeAddBook007	String	3	Category Code - Address Book 07
AC08	szReportCodeAddBook008	String	3	Category Code - Address Book 08

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AC09	szReportCodeAddBook009	String	3	Category Code - Address Book 09
AC10	szReportCodeAddBook010	String	3	Category Code - Address Book 10
AC11	szReportCodeAddBook011	String	3	Sales Region
AC12	szReportCodeAddBook012	String	3	Category Code - Address Book 12
AC13	szReportCodeAddBook013	String	3	Category Code - Address Book 13
AC14	szReportCodeAddBook014	String	3	Category Code - Address Book 14
AC15	szReportCodeAddBook015	String	3	Category Code - Address Book 15
AC16	szReportCodeAddBook016	String	3	Category Code - Address Book 16
AC17	szReportCodeAddBook017	String	3	Category Code - Address Book 17
AC18	szReportCodeAddBook018	String	3	Category Code - Address Book 18
AC19	szReportCodeAddBook019	String	3	Category Code - Address Book 19
AC20	szReportCodeAddBook020	String	3	Category Code - Address Book 20
AC21	szCategoryCodeAddressBook2	String	3	Category Code - Address Book 21
AC22	szCategoryCodeAddressBk22	String	3	Category Code - Address Book 22
AC23	szCategoryCodeAddressBk23	String	3	Category Code - Address Book 23
AC24	szCategoryCodeAddressBk24	String	3	Category Code - Address Book 24
AC25	szCategoryCodeAddressBk25	String	3	Category Code - Address Book 25
AC26	szCategoryCodeAddressBk26	String	3	Category Code - Address Book 26
AC27	szCategoryCodeAddressBk27	String	3	Category Code - Address Book 27
AC28	szCategoryCodeAddressBk28	String	3	Category Code - Address Book 28
AC29	szCategoryCodeAddressBk29	String	3	Category Code - Address Book 29
AC30	szCategoryCodeAddressBk30	String	3	Category Code - Address Book 30
GLBA	szGIBankAccount	String	8	G/L Bank Account
PTI	mnTimeScheduledIn	Numeric	6	Time - Scheduled In
PDI	jdDateScheduledIn	Date	6	Date - Scheduled In
MSGA	cActionMessageControl	Char	1	Action - Message Control

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TXCT	szCertificateTaxExempt	String	20	Certificate, Tax Exemption
TX2	szTaxId2	String	20	Tax ID - Additional - Individual
ALP1	szKanjialpha	String	40	Secondary Alpha Name
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
MLN1	szSecondaryMailingName	String	40	Secondary Mailing Name
AR2	szPhoneAreaCode2	String	6	Phone Prefix 2
PH2	szPhoneNumber1	String	20	Phone Number 2
PHT2	szPhoneNumberTyp2	String	4	Phone Number Type 2
TORG	szTransactionOriginator	String	10	Transaction Originator
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeOfDay	Numeric	6	Time of Day
UPMT	mnTimeLastUpdated	Numeric	6	Time - Last Updated
AR1	szPhoneAreaCode1	String	6	Phone Prefix
PH1	szPhoneNumber	String	20	Phone Number
PHT1	szPhoneNumberTyp1	String	20	Phone Number Type 1
ATTL	SzContactTitle	String	40	Professional Title

### Conceptual Approach

An address book record added, modified, or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Address Book tables (Address Book Master, F0101; Address Book - Who's Who, F0111; Contact Information, F01111; Address Book - Contact Phone Numbers F0115; Electronic Address, F01151; Address by Date, F0116).

## Objects that Can Initiate the Event

These objects can initiate the RTABHDR event:

- N0100041 - Address Book MBF
- P0111 - Who's Who application
- P0115 - Phone application
- P01111 - Contact Information E-mail application
- B0100085 - Address Book Master Real-Time Event Notification Function
- B0100073 - Electronic Address - Phones
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

## RTABPHOUT

RTABPHOUT is a single event that provides address book phone information within the RTABOUT container event. RTABPHOUT is generated only when RTABOUT is generated.

<b>Event Name</b>	<i>RTABPHOUT</i>
<b>Event Description</b>	<i>AB Phone</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100085B: Address Book Master Phones Wrapper Data Structure</i>
<b>Event Relationship</b>	Included in container event RTABOUT.

## Event Fields

The RTABPHOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
PHTP	szPhoneNumberType	String	4	Phone Number Type
AR1	szPhoneAreaCode1	String	6	Phone Prefix
PH1	szPhoneNumber	String	20	Phone Number
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID
CNLN	mnContactID	Numeric	5	Contact Line Number

## Conceptual Approach

An address book phone record added, modified, or deleted in the JD Edwards EnterpriseOne system creates, updates, or deletes a record in the Address Book - Contact Phone Numbers (F0115).

## Objects that Can Initiate the Event

These objects can initiate the RTABPHOUT event:

- N0100041 - Address Book MBF
- P0115 - Phone application
- B0100085 - Address Book Master Real Time Event Notification Function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

## RTABEAOUT

RTABEAOUT is a single event that provides address book email information within the RTABOUT container event. RTABEAOUT is generated only when RTABOUT is generated.

<b>Event Name</b>	<i>RTABEAOUT</i>
<b>Event Description</b>	<i>AB EA</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100085C: Address Book Master Email Wrapper Data Structure</i>
<b>Event Relationship</b>	Included in container event RTABOUT.

## Event Fields

The RTABEAOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID
ETP	szElectronicAddressType	String	4	Electronic Address Type
EMAL	szEmailAddressow	String	256	Email Address
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID

### Conceptual Approach

An address book email record added, modified, or deleted in the JD Edwards EnterpriseOne system creates a new record in the Electronic Address (F01151) table.

### Objects that Can Initiate the Event

These objects can initiate the RTABEAOUT event:

- N0100041 - Address Book MBF
- P01111 - Contact Information E-mail application
- B0100085 - Address Book Master Real-Time Event notification function
- B0100089 - Electronic Address MBF

## RTPCOUT

RTPCOUT is a single event generated by the JD Edwards EnterpriseOne system to provide parent/child information to third-party systems.

<b>Event Name</b>	<i>RTPCOUT</i>
<b>Event Description</b>	<i>Parent Child</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>Container</i>
	Container event for: RTPCOUTDS (D0100079A)
<b>Product Code</b>	<i>H01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

### Conceptual Approach

A parent child record added, changed, or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Address Organization Structure Master table (F0150) (Parent/Child table).

## Objects that Can Initiate the Event

A/B Org Structure Browse (P0150) calls the realtime event wrapper, Parent Child Structure Master Manage Notify (B0100079), to initiate the realtime event.

## RTPCOUTDS

RTPCOUTDS is a single event within the RTPCOUT container event that provides parent/child information to third-party systems. RTPCOUTDS is generated only when RTPCOUT is generated.

<b>Event Name</b>	<i>RTPCOUTDS</i>
<b>Event Description</b>	<i>RTPCOUT Data Structure</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100079A: ParentChild Master Manage Notify Real Time Structure</i>
<b>Event Relationship</b>	Included in container event RTPCOUT.

## Event Fields

The RTPCOUTDS event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTI	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Numeric	8	Address Number
PA8	mnAddressNumberParent	Numeric	8	Address Number - Parent
OSTP	szOrganizationTypeStructur[4]	String	3	Organization Structure Type

## RTSHPOUT

RTSHPOUT is a container event generated by the JD Edwards EnterpriseOne system to notify third-party systems about add or changes to the address book number of a branch plant record.

<b>Event Name</b>	<i>RTSHPOUT</i>
<b>Event Description</b>	<i>Notify Ship to event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Container event for:

- RTSHPHDR (D4102160A)
- RTSHPPHOUT (D4102160B)
- RTSHPEAOUT (D4102160C)

<b>Product Code</b>	<i>H42</i>
<b>Reliable Delivery</b>	blank
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the appropriate realtime events that are contained by this event for information about the event fields associated with this event.

### Conceptual Approach

An address book number added changed in a Branch Plant Constant table (F41001) in the JD Edwards EnterpriseOne system sends out ship to realtime events with address book (F0101), phones (F0115) and email (F01151) information. All phones and email are sent for the first contact only.

### Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the RTSHPOUT event.

## RTSHPHDR

RTSHPHDR is a single event that is generated by the JD Edwards EnterpriseOne system to provide ship to header information for a given branch plant.

<b>Event Name</b>	<i>RTSHPHDR</i>
<b>Event Description</b>	<i>Supports RTSHPOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	blank
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4102160A: Ship To Real Time Header</i>
<b>Event Relationship</b>	Included in container event RTSHPOUT.

### Event Fields

The RTSHPHDR event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN8	mnAddressNumber	Numeric	8	Address Number
EFTB	jdDateBeginningEffective	Date	6	Effective Date
IDLN	mnLineNumberID	Numeric	5	Line Number ID
ALKY	szAlternateAddressKey	String	20	Alternate Address
TAX	szTaxId	String	20	Tax ID
ALPH	szNameAlpha	String	40	Alpha Name
DC	szDescripCompressed	String	40	Description Compressed
MCU	szCostCenter	String	12	Cost Center
SIC	zStandardIndustryCode	String	10	Std. Industry Code
LNGP	szLanguagePreference	String	2	Language Preference
AT1	szAddressType1	String	1	Search Type
CM	szCreditMessage	String	2	Credit Message
TAXC	szPersonCorporationCode	String	1	Person/Corporation Code
AT2	cAddressType2	String	1	Address Type 2
AT3	cAddressType3	String	1	Address Type 3
AT4	cAddressType4	String	1	Address Type 4
AT5	cAddressType5	String	1	Address Type 5
ATP	cAddressTypePayables	String	1	Address Type Payables
ATR	AddressTypeReceivables	String	1	Address Type Receivables
ATPR	cAddTypeCode4Purch	String	1	Address Type - Code, Purchaser
AB3	cMiscCode3	String	1	Miscellaneous Code
ATE	cAddressTypeEmployee	String	1	Address Type - Employee
AN81	mnAddressNumber1st	Numeric	8	Address Number - 1st
AN82	mnAddressNumber2nd	Numeric	8	Address Number - 2nd
AN83	mnAddressNumber3rd	Numeric	8	Address Number - 3rd
AN84	mnAddressNumber4th	Numeric	8	Address Number - 4th

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN86	mnAddressNumber6th	Numeric	8	Address Number - 6th
AN85	mnAddressNumbert5h	Numeric	8	Address Number - 5th
AC01	szReportCodeAddBook001	String	3	Category Code 01
AC02	szReportCodeAddBook002	String	3	Category Code 02
AC03	szReportCodeAddBook003	String	3	Category Code 03
AC04	szReportCodeAddBook004	String	3	Category Code 04
AC05	szReportCodeAddBook005	String	3	Category Code 05
AC06	szReportCodeAddBook006	String	3	Category Code 06
AC07	szReportCodeAddBook007	String	3	Category Code 07
AC08	szReportCodeAddBook008	String	3	Category Code 08
AC09	szReportCodeAddBook009	String	3	Category Code 09
AC10	szReportCodeAddBook010	String	3	Category Code 10
AC11	szReportCodeAddBook011	String	3	Sales Region
AC12	szReportCodeAddBook012	String	3	Category Code 12
AC13	szReportCodeAddBook013	String	3	Category Code 13
AC14	szReportCodeAddBook014	String	3	Category Code 14
AC15	szReportCodeAddBook015	String	3	Category Code 15
AC16	szReportCodeAddBook016	String	3	Category Code 16
AC17	szReportCodeAddBook017	String	3	Category Code 17
AC18	szReportCodeAddBook018	String	3	Category Code 18
AC19	szReportCodeAddBook019	String	3	Category Code 19
AC20	szReportCodeAddBook020	String	3	Category Code 20
AC21	szReportCodeAddBook021	String	3	Category Code 21
AC22	szReportCodeAddBook022	String	3	Category Code 22
AC23	szReportCodeAddBook023	String	3	Category Code 23
AC24	szReportCodeAddBook024	String	3	Category Code 24

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AC25	szReportCodeAddBook025	String	3	Category Code 25
AC26	szReportCodeAddBook026	String	3	Category Code 26
AC27	szReportCodeAddBook027	String	3	Category Code 27
AC28	szReportCodeAddBook028	String	3	Category Code 28
AC29	szReportCodeAddBook029	String	3	Category Code 29
AC30	szReportCodeAddBook030	String	3	Category Code 30
GLBA	szGIBankAccount	String	8	GL Bank Account
PTI	mnTimeScheduledIn	Numeric	6	Time Scheduled In
PDI	jdDateScheduledIn	Date	6	Date Scheduled In
MSGA	cActionMessageControl	String	1	Action Message Control
RMK	szNameRemark	String	30	Name Remark
TXCT	szCertificateTaxExempt	String	20	Certificate, Tax Exemption
TX2	szTaxId2	String	20	Tax ID - Additional - Individual
ALP1	szKanjialpha	String	40	Secondary Alpha Name
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Number	15	User Reserved Amount
URAB	mnUserReservedNumber	Number	8	User Reserved Number
URRF	UserReservedReference	String	15	User Reserved Reference
PRGF	cPurgeFlag	String	1	Purge Flag
SCCLTP	szShortcutClientType	String	2	Shortcut Client Type
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADD4	szAddressLine4	String	40	Address Line 4
ADDZ	szZipCodePostal	String	12	Postal Code

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CTY1	szCity	String	25	City
COUN	szCountyAddress	String	25	County
ADDS	szState	String	3	State
CRTE	szCarrierRoute	String	4	Carrier Route
BKML	szBulkMailingCenter	String	2	Bulk Mailing Center (Future)
CTR	szCountry	String	3	Country
MLNM	szMailingName	String	40	Mailing Name
REM1	szRemark1	String	40	Remark 1
MLN1	szSecondaryMailingName	String	40	Secondary Mailing Name
SBLI	cSubledgerInactiveCode	String	1	Subledger Inactive Code
ACTN	cActionCode2	Char	1	Action Code

## Conceptual Approach

A ship to address book number added or modified in a branch plant modifies the Branch Plant Constants table and this information is sent out in a realtime event: Address Book Master (F0101).

## Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the PTSHPHDR event.

## RTSHPPHOUT

RTSHPPHOUT is a single event generated by the JD Edwards EnterpriseOne system to provide address book phone information.

<b>Event Name</b>	<i>RTSHPPHOUT</i>
<b>Event Description</b>	<i>supports RTSHPOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	blank
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4102160B: Ship To Real Time Phones</i>
<b>Event Relationship</b>	Included in container event RTSHPOUT.

## Event Fields

The RTSHPPHOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
PHTP	szPhoneNumberType	String	4	Phone Number Type
AR1	szPhoneAreaCode1	String	6	Phone Prefix
PH1	szPhoneNumber	String	20	Phone Number
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID - 5.0

## Conceptual Approach

A ship to address book number added or modified in a branch plant modifies the Branch Plant Constants table and this information is sent out in a realtime event: all Address Book - Contact Phone Numbers (F0115) for the first contact.

## Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the RTSHPPHOUT event.

## RTSHPEAOUT

RTSHPEAOUT is a single event generated by the JD Edwards EnterpriseOne system to provide address book email information.

<b>Event Name</b>	<i>RTSHPEAOUT</i>
<b>Event Description</b>	<i>Supports RTSHPOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	blank
<b>Delivery Timeout Threshold</b>	0
<b>Data Structure</b>	<i>D4102160C: Ship To Real Time Emails</i>
<b>Event Relationship</b>	Included in container event RTSHPOUT.

## Event Fields

The RTSHPEAOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	5	Who's Who Line Number - ID
ETP	szElectronicAddressType	String	4	Electronic Address Type
EMAL	szEmailAddressow	String	256	Email Address
RCK7	mnSequenceNumber70	Numeric	5	Line Number ID - 5.0

### Conceptual Approach

A ship to address book number added or modified in a branch plant modifies the Branch Plant Constants table and this information is sent out in a realtime event: all Electronic Address (F01151) records for the first contact.

### Objects that Can Initiate the Event

The P41001 - Branch Plant Constants program can initiate the RTSHPEAOUT event.

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## Business Unit

This section discusses the realtime event generated by changes to business units.

### RTBUOUT

RTBUOUT is a container event generated by the JD Edwards EnterpriseOne system to provide business unit information.

<b>Event Name</b>	<i>RTBUOUT</i>
<b>Event Description</b>	<i>RTBUOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Container event for:
	<ul style="list-style-type: none"> <li>• RTBUOUTA (D0000600B)</li> <li>• RTBUOUTB (D4101700B)</li> </ul>
<b>Product Code</b>	<i>H00</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the appropriate realtime events that are contained by this event for information about the event fields associated with this event.

## Conceptual Approach

A business unit record added, modified, or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Business Unit table (F0006). If a business unit is added or modified, the information IS sent through a WSG (Web Services Gateway) integration to another third-party system for add or update. If a business unit is deleted, the pertinent information is sent to the third-party, which take the appropriate action. If applicable, the third-party integration need to update the WSG cross-reference table in the process in order to tie the key values from both systems together.

## Objects that Can Initiate the Event

These objects can initiate the RTBUOUT event:

- P0006 - Business Units
- P41001 - Branch/Plant Constants
- P00065 - Translate Business Units
- R10480 - Journalize Consolidation Balances
- R10862 - Refresh Consolidation
- B0000105 - F0006D Update Business Unit Translation
- B0000107 - F0006D Edit Business Unit Translation
- B0000203 - F0006 Update Business Unit Category Codes from Address Book
- B0900156 - Delete F0006 Business Unit and F0006D Translations
- B1000012 - Business Unit Existence Check
- B1000040 - Build Parent/Child Business Unit Cache

## RTBUOUTA

RTBUOUTA is a single event within the RTBUOUT container event that provides business unit information. RTBUOUTA is generated only when RTBUOUT is generated.

<b>Event Name</b>	<i>RTBUOUTA</i>
<b>Event Description</b>	<i>RTBUOUTA</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H00</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0000600B</i> : Business Unit Real Time Notification Outbound Data
<b>Event Relationship</b>	Included in container event RTBUOUT

## Event Fields

The RTBUOUTA event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTION	cEventAction	Char	1	Action Type
MCU	szCostCenter	String	12	Business Unit
STYL	szCostCenterType	String	2	Business Unit Type
DC	szDescripCompressed	String	40	Description - Compressed
LDM	cLevelOfDetailCcCode	Char	1	Level of Detail - Business Unit
CO	szCompany	String	5	Company
AN8	mnAddressNumber	Numeric	8	Address Number
AN80	mnAddressNumberJobAr	Numeric	8	Address Number - Job A/R
CNTY	szCounty	String	3	County
ADDS	szState	String	3	State
FMOD	cModelAccountsandConsolid	Char	1	Model Accounts and Consolidation
DL01	szDescription001	String	30	Description
DL02	szDescription002	String	30	Description 02
DL03	szDescription003	String	30	Description 03
DL04	szDescription004	String	30	Description 02
RP01	szDivision	String	3	Division
RP02	szRegion	String	3	Region
RP03	szGroup	String	3	Group
RP04	szBranchOffice	String	3	Branch Office
RP05	szDepartmentType	String	3	Department Type
RP06	szPersonResponsible	String	3	Person Responsible
RP07	szLineOfBusiness	String	3	Line of Business
RP08	szCategoryCodeCostCt008	String	3	Category Code - Business Unit 08
RP09	szCategoryCodeCostCt009	String	3	Category Code - Business Unit 09
RP10	szCategoryCodeCostCt010	String	3	Category Code - Business Unit 10
RP11	szCategoryCodeCostCt011	String	3	Category Code - Business Unit 11

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
RP12	szCategoryCodeCostCt012	String	3	Category Code - Business Unit 12
RP13	szCategoryCodeCostCt013	String	3	Category Code - Business Unit 13
RP14	szCategoryCodeCostCt014	String	3	Category Code - Business Unit 14
RP15	szCategoryCodeCostCt015	String	3	Category Code - Business Unit 15
RP16	szCategoryCodeCostCt016	String	3	Category Code - Business Unit 16
RP17	szCategoryCodeCostCt017	String	3	Category Code - Business Unit 17
RP18	szCategoryCodeCostCt018	String	3	Category Code - Business Unit 18
RP19	szCategoryCodeCostCt019	String	3	Category Code - Business Unit 19
RP20	szCategoryCodeCostCt020	String	3	Category Code - Business Unit 20
RP21	szCategoryCodeCostCt021	String	10	Category Code - Business Unit 21
RP22	szCategoryCodeCostCt022	String	10	Category Code - Business Unit 22
RP23	szCategoryCodeCostCt023	String	10	Category Code - Business Unit 23
RP24	szCategoryCodeCostCenter24	String	10	Category Code - Business Unit 24
RP25	szCategoryCodeCostCenter25	String	10	Category Code - Business Unit 25
RP26	szCategoryCodeCostCenter26	String	10	Category Code - Business Unit 26
RP27	szCategoryCodeCostCenter27	String	10	Category Code - Business Unit 27
RP28	szCategoryCodeCostCenter28	String	10	Category Code - Business Unit 28
RP29	szCategoryCodeCostCenter29	String	10	Category Code - Business Unit 29
RP30	szCategoryCodeCostCenter30	String	10	Category Code - Business Unit 30
TA	szTaxArea	String	10	Tax Area
TXJS	mnTaxEntity	Numeric	8	Tax Entity
TXA1	szTaxArea1	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode1	String	2	Tax Expl Code 1
TC01	szTaxDeductionCodes1	String	4	Tax/Deduction Codes 01
TC02	szTaxDeductionCodes2	String	4	Tax/Deduction Codes 02
TC03	szTaxDeductionCodes3	String	4	Tax/Deduction Codes 03

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TC04	szTaxDeductionCodes4	String	4	Tax/Deduction Codes 04
TC05	szTaxDeductionCodes5	String	4	Tax/Deduction Codes 05
TC06	szTaxDeductionCodes6	String	4	Tax/Deduction Codes 06
TC07	szTaxDeductionCodes7	String	4	Tax/Deduction Codes 07
TC08	szTaxDeductionCodes8	String	4	Tax/Deduction Codes 08
TC09	szTaxDeductionCodes9	String	4	Tax/Deduction Codes 09
TC10	szTaxDeductionCodes10	String	4	Tax/Deduction Codes 10
ND01	cDistributeTaxCode001	Char	1	Tax Distributable/Non-Distr. Code 01
ND02	cDistributeTaxCode002	Char	1	Tax Distributable/Non-Distr. Code 02
ND03	cDistributeTaxCode003	Char	1	Tax Distributable/Non-Distr. Code 03
ND04	cDistributeTaxCode004	Char	1	Tax Distributable/Non-Distr. Code 04
ND05	cDistributeTaxCode005	Char	1	Tax Distributable/Non-Distr. Code 05
ND06	cDistributeTaxCode006	Char	1	Tax Distributable/Non-Distr. Code 06
ND07	cDistributeTaxCode007	Char	1	Tax Distributable/Non-Distr. Code 07
ND08	cDistributeTaxCode008	Char	1	Tax Distributable/Non-Distr. Code 08
ND09	cDistributeTaxCode009	Char	1	Tax Distributable/Non-Distr. Code 09
ND10	cDistributeTaxCode010	Char	1	Tax Distributable/Non-Distr. Code 10
CC01	cTaxOrDedCompStat01	Char	1	Tax or Deduction Compute Status Code 01
CC02	cTaxOrDedCompStat02	Char	1	Tax or Deduction Compute Status 02
CC03	cTaxOrDedCompStat03	Char	1	Tax or Deduction Compute Status 03

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CC04	cTaxOrDedCompStat04	Char	1	Tax or Deduction Compute Status 04
CC05	cTaxOrDedCompStat05	Char	1	Tax or Deduction Compute Status 05
CC06	cTaxOrDedCompStat06	Char	1	Tax or Deduction Compute Status 06
CC07	cTaxOrDedCompStat07	Char	1	Tax or Deduction Compute Status 07
CC08	cTaxOrDedCompStat08	Char	1	Tax or Deduction Compute Status 08
CC10	cTaxOrDedCompStat10	Char	1	Tax or Deduction Compute Status 10
CC09	cTaxOrDedCompStat09	Char	1	Tax or Deduction Compute Status 09
PECC	cPostingEditCostCenter	Char	1	Posting Edit - Business Unit
ALS	cAllocaSummarizaMeth	Char	1	Allocation Summarization Method
ISS	cInvstmtSummarizaMeth	Char	1	Invoice/Stmt Summarization Method
GLBA	szGIBankAccount	String	8	G/L Bank Account
ALCL	szAllocationLevel	String	2	Allocation Level
LMTH	cLaborLoadingMethod	Char	1	Labor Distribution Method
LF	mnLaborLoadingFactor	Numeric	5	Labor Distribution Multiplier
OBJ1	szGLObjectAcctLabor	String	6	Object Account - Labor Account
OBJ2	szGLObjetAcctLaborPrem	String	6	Object Account - Premium Account
OBJ3	szGLObjAcctLaborBurden	String	6	Object Account - Burden
SUB1	szSubsidiaryBurdnCstCode	String	8	Subsidiary - Burden Cost Code
TOU	mnUnitsTotal	Numeric	15	Units - Total
SBLI	cSubledgerInactiveCode	Char	1	Subledger Inactive Code
ANPA	mnSupervisor	Numeric	8	Supervisor

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CT	szContractType1	String	4	Contract Type
CERT	cCertifiedJob	Char	1	Certified Job
MCUS	szCostCenterSubsequent	String	12	Business Unit - Subsequent
BTYP	cBillingTypeCostCenter	Char	1	Billing Type - Business Unit
PC	mnPercentComplete	Numeric	5	Percent Complete
PCA	mnPerCompleteAggregate	Numeric	5	Percent Complete - Aggregate Detail
PCC	mnAmtCostToCompleteOb	Numeric	15	Amount - Cost To Complete (Obsolete)
INTA	szIntComputationCodeAr	String	4	Interest Computation Code A/R
INTL	szIntComputationCodeRev	String	4	InterestComp - Late Revenue
D1J	jdDatePlannedStartJ	Date	6	Date - Planned Start
D2J	jdDateActualStartJ	Date	6	Date - Actual Start
D3J	jdDatePlannedCompleteJ	Date	6	Date - Planned Complete
D4J	jdDateActualCompleteJ	Date	6	Date - Actual Complete
D5J	jdDateOther5J	Date	6	Date - Other 5
D6J	jdDateOther6J	Date	6	Date - Other 6
FPDJ	jdDteFinalPaymntJulian	Date	6	Date - Final Payment (Julian)
CAC	mnAmtCostAtCompletion	Numeric	15	Amount - Cost at Completion
PAC	mnAmtProfitAtCompletion	Numeric	15	Amount - Profit at Completion
EEO	cEqualEmploymentOpport	Char	1	Equal Employment Opportunity
ERC	szEquipmentRateCode	String	2	Equipment Rate Code
EV01	cIsAnInventoryBranchPlant	Char	1	J.D. JD Edwards EnterpriseOne Event Point 01
LNGP	szLanguagePreference	String	2	Language
DL01	szAlternativeDescription1	String	30	Description
DL02	szAlternativeDescription2	String	30	Description 02
DL03	szAlternativeDescription3	String	30	Description 03

Data Item / Alias	Structure Member Name	Data Type	Size	Description
DL04	szAlternativeDescription4	String	30	Description 02
DC	szAlzAltDescripCompressed	String	40	Description - Compressed
BPTP	szBranchType	String	15	Branch Type
APSB	cAPSBusinessUnit	Char	1	APS Business Unit
TSBU	szTargetBusinessUnit	String	12	Target Business Unit

## RTBUOUTB

RTBUOUTB is a single event within the RTBUOUT container event that provides business unit information. RTBUOUTB is generated only when RTBUOUT is generated.

<b>Event Name</b>	<i>RTBUOUTB</i>
<b>Event Description</b>	<i>RTBUOUTB</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H00</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4101700B</i> : Business Unit Real Time Notification Outbound Data
<b>Event Relationship</b>	Included in container event RTBUOUT

### Event Fields

The RTBUOUTB event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTION	cEventAction	Char	1	Action Type
MCU	szCostCenter	String	12	Business Unit
STYL	szCostCenterType	String	2	Business Unit Type
DC	szDescripCompressed	String	40	Description - Compressed
LDM	cLevelOfDetailCcCode	Char	1	Level of Detail - Business Unit
CO	szCompany	String	5	Company

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN8	mnAddressNumber	Numeric	8	Address Number
AN80	mnAddressNumberJobAr	Numeric	8	Address Number - Job A/R
CNTY	szCounty	String	3	County
ADDS	szState	String	3	State
FMOD	cModelAccountsandConsolid	Char	1	Model Accounts and Consolidation
DL01	szDescription001	String	30	Description
DL02	szDescription01002	String	30	Description 02
DL03	szDescription01003	String	30	Description 03
DL04	szDescription01004	String	30	Description 04
RP01	szDivision	String	3	Division
RP02	szRegion	String	3	Region
RP03	szGroup	String	3	Group
RP04	szBranchOffice	String	3	Branch Office
RP05	szDepartmentType	String	3	Department Type
RP06	szPersonResponsible	String	3	Person Responsible
RP07	szLineOfBusiness	String	3	Line of Business
RP08	szCategoryCodeCostCt008	String	3	Category Code - Business Unit 08
RP09	szCategoryCodeCostCt009	String	3	Category Code - Business Unit 09
RP10	szCategoryCodeCostCt010	String	3	Category Code - Business Unit 10
RP11	szCategoryCodeCostCt011	String	3	Category Code - Business Unit 11
RP12	szCategoryCodeCostCt012	String	3	Category Code - Business Unit 12
RP13	szCategoryCodeCostCt013	String	3	Category Code - Business Unit 13
RP14	szCategoryCodeCostCt014	String	3	Category Code - Business Unit 14
RP15	szCategoryCodeCostCt015	String	3	Category Code - Business Unit 15
RP16	szCategoryCodeCostCt016	String	3	Category Code - Business Unit 16
RP17	szCategoryCodeCostCt017	String	3	Category Code - Business Unit 17

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
RP18	szCategoryCodeCostCt018	String	3	Category Code - Business Unit 18
RP19	szCategoryCodeCostCt019	String	3	Category Code - Business Unit 19
RP20	szCategoryCodeCostCt020	String	3	Category Code - Business Unit 20
RP21	szCategoryCodeCostCt021	String	10	Category Code - Business Unit 21
RP22	szCategoryCodeCostCt022	String	10	Category Code - Business Unit 22
RP23	szCategoryCodeCostCt023	String	10	Category Code - Business Unit 23
RP24	szCategoryCodeCostCenter24	String	10	Category Code - Business Unit 24
RP25	szCategoryCodeCostCenter25	String	10	Category Code - Business Unit 25
RP26	szCategoryCodeCostCenter26	String	10	Category Code - Business Unit 26
RP27	szCategoryCodeCostCenter27	String	10	Category Code - Business Unit 27
RP28	szCategoryCodeCostCenter28	String	10	Category Code - Business Unit 28
RP29	szCategoryCodeCostCenter29	String	10	Category Code - Business Unit 29
RP30	szCategoryCodeCostCenter30	String	10	Category Code - Business Unit 30
TA	szTaxArea	String	10	Tax Area
TXJS	mnTaxEntity	Numeric	8	Tax Entity
TXA1	szTaxArea1	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode1	String	2	Tax Expl Code 1
TC01	szTaxDeductionCodes1	String	4	Tax/Deduction Codes 01
TC02	szTaxDeductionCodes2	String	4	Tax/Deduction Codes 02
TC03	szTaxDeductionCodes3	String	4	Tax/Deduction Codes 03
TC04	szTaxDeductionCodes4	String	4	Tax/Deduction Codes 04
TC05	szTaxDeductionCodes5	String	4	Tax/Deduction Codes 05
TC06	szTaxDeductionCodes6	String	4	Tax/Deduction Codes 06
TC07	szTaxDeductionCodes7	String	4	Tax/Deduction Codes 07
TC08	szTaxDeductionCodes8	String	4	Tax/Deduction Codes 08
TC09	szTaxDeductionCodes9	String	4	Tax/Deduction Codes 09

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TC10	szTaxDeductionCodes10	String	4	Tax/Deduction Codes 10
ND01	cDistributeTaxCode001	Char	1	Tax Distributable/Non-Distr. Code 01
ND02	cDistributeTaxCode002	Char	1	Tax Distributable/Non-Distr. Code 02
ND03	cDistributeTaxCode003	Char	1	Tax Distributable/Non-Distr. Code 03
ND04	cDistributeTaxCode004	Char	1	Tax Distributable/Non-Distr. Code 04
ND05	cDistributeTaxCode005	Char	1	Tax Distributable/Non-Distr. Code 05
ND06	cDistributeTaxCode006	Char	1	Tax Distributable/Non-Distr. Code 06
ND07	cDistributeTaxCode007	Char	1	Tax Distributable/Non-Distr. Code 07
ND08	cDistributeTaxCode008	Char	1	Tax Distributable/Non-Distr. Code 08
ND09	cDistributeTaxCode009	Char	1	Tax Distributable/Non-Distr. Code 09
ND10	cDistributeTaxCode010	Char	1	Tax Distributable/Non-Distr. Code 10
CC01	cTaxOrDedCompStat01	Char	1	Tax Distributable/Non-Distr. Code 01
CC02	cTaxOrDedCompStat02	Char	1	Tax or Deduction Compute Status 02
CC03	cTaxOrDedCompStat03	Char	1	Tax or Deduction Compute Status 03
CC04	cTaxOrDedCompStat04	Char	1	Tax or Deduction Compute Status 04
CC05	cTaxOrDedCompStat05	Char	1	Tax or Deduction Compute Status 05
CC06	cTaxOrDedCompStat06	Char	1	Tax or Deduction Compute Status 06
CC07	cTaxOrDedCompStat07	Char	1	Tax or Deduction Compute Status 07

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CC08	cTaxOrDedCompStat08	Char	1	Tax or Deduction Compute Status 08
CC09	cTaxOrDedCompStat09	Char	1	Tax or Deduction Compute Status 09
CC10	cTaxOrDedCompStat10	Char	1	Tax or Deduction Compute Status 10
PECC	cPostingEditCostCenter	Char	1	Posting Edit - Business Unit
ALS	cAllocaSummarizaMeth	Char	1	Allocation Summarization Method
ISS	cInvstmtSummarizaMeth	Char	1	Invoice/Stmt Summarization Meth
GLBA	szGIBankAccount	String	8	G/L Bank Account
ALCL	szAllocationLevel	String	2	Allocation Level
LMTH	cLaborLoadingMethod	Char	1	Labor Distribution Method
LF	mnLaborLoadingFactor	Numeric	5	Labor Distribution Multiplier
OBJ1	szGLObjectAcctLabor	String	6	Object Account - Labor Account
OBJ2	szGLObjctAcctLaborPrem	String	6	Object Account - Premium Account
OBJ3	szGLObjAcctLaborBurden	String	6	Object Account - Burden
SUB1	szSubsidiaryBurdnCstCde	String	8	Subsidiary - Burden Cost Code
TOU	mnUnitsTotal	Numeric	15	Units - Total
SBLI	cSubledgerInactiveCode	Char	1	Subledger Inactive Code
ANPA	mnSupervisor	Numeric	8	Supervisor
CT	szContractType1	String	4	Contract Type
CERT	cCertifiedJob	Char	1	Certified Job
MCUS	szCostCenterSubsequent	String	12	Business Unit - Subsequent
BTYP	cBillingTypeCostCenter	Char	1	Billing Type - Business Unit
PC	mnPercentComplete	Numeric	5	Percent Complete
PCA	mnPerCompleteAggregate	Numeric	5	Percent Complete - Aggregate Detail

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PCC	mnAmtCostToCompleteOb	Numeric	15	Amount - Cost To Complete (Obsolete)
INTA	szIntComputationCodeAr	String	4	Interest Computation Code A/R
INTL	szIntComputationCodeRev	String	4	InterestComp - Late Revenue
D1J	jdDatePlannedStartJ	Date	6	Date - Planned Start
D2J	jdDateActualStartJ	Date	6	Date - Actual Start
D3J	jdDatePlannedCompleteJ	Date	6	Date - Planned Complete
D4J	jdDateActualCompleteJ	Date	6	Date - Actual Complete
D5J	jdDateOther5J	Date	6	Date - Other 5
D6J	jdDateOther6J	Date	6	Date - Other 6
FPDJ	jdDteFinalPaymntJulian	Date	6	Date - Final Payment (Julian)
CAC	mnAmtCostAtCompletion	Numeric	15	Amount - Cost at Completion
PAC	mnAmtProfitAtCompletion	Numeric	15	Amount - Profit at Completion
EEO	cEqualEmploymentOpport	Char	1	Equal Employment Opportunity
ERC	szEquipmentRateCode	String	2	Equipment Rate Code
EV01	cIsAnInventoryBranchPlant	Char	1	JD Edwards EnterpriseOne Event Point 01
LNGP	szLanguagePreference	String	2	Language
DL01	szAlternativeDescription1	String	30	Description
DL02	szAlternativeDescription2	String	30	Description 02
DL03	szAlternativeDescription3	String	30	Description 03
DL04	szAlternativeDescription4	String	30	Description 02
DC	szAlzAltDescripCompressed	String	40	Description - Compressed
EV01	cFutureUseFlag	Char	1	J.D. JD Edwards EnterpriseOne Event Point 01
INT01	FutureUseInteger	Integer	4	Integer 01 - JD Edwards EnterpriseOne

Data Item / Alias	Structure Member Name	Data Type	Size	Description
MATH01	mnFutureUseMathNumeric	Numeric	15	Math Numeric 01
VC30A	szFutureUseString	String	30	Video Constant A - length 30

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## Company

This section discusses the realtime event generated by changes to companies.

### RTCOOUT

RTCOOUT is a single event generated by the JD Edwards EnterpriseOne system to provide company information.

**Event Name** *RTCOOUT*

**Event Description** *RTCOOUT*

**Event Type** *RTE*

**Event Category** *SINGLE*

**Product Code** *H00*

**Reliable Delivery** *1*

**Delivery Timeout Threshold** *0*

**Data Structure** *D0000310B: Company Real Time Notification Outbound Data*

### Event Fields

The RTCOOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTI	cActionCode	Char	1	Action Code
CO	szCompany	String	5	Company
NAME	szName	String	30	Name
ALTC	szAlternateCompanyName	String	40	Alternate Company Name
DFYJ	jdDatefiscalyearbeginsj	Date	6	Date - Fiscal Year Begins
PNC	mnPeriodNumberCurrent	Numeric	2	Period Number - Current

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DOT1	cMultiCurrencyIntercompany	Char	1	Allow Multi-Currency Intercompany Trans.
CRYR	cCurrencyConverYNAR	Char	1	Currency Conversion Y/N/Z
CRYC	cSearchTypeSecurity	Char	1	Search Type Security - Y/N
DOT2	cComputationID	Char	1	Computation ID
MCUA	cUseCcFrAssetCstFlag	Char	1	Default CC - Use for Asset Cost
MCUD	cUseCcForDepreExpFlg	Char	1	Default CC - Use for Depreciation Exp.
MCUC	cUseCcFrAccumDepreFl	Char	1	Default CC - Use for Accumulated Depre
MCUB	cUseCcForRevBillFlag	Char	1	Default CC - Use for Revenue - Billing
DPRC	cComMethodLtdOrRem1	Char	1	Voucher Redistribution Suspense
BKTX	cBookToTax	Char	1	Detailed Currency Restatement
TXBM	mnTaxYearBeginMonth	Numeric	2	Tax Year - Beginning Month
TXBO	mnTaxYearBeginMonthOld	Numeric	2	Tax Year - Beginning Month - Old OBSOLET
NWXJ	jdDateNewTaxYearEndJ	Date	6	Date - New Tax Year End
GLIE	cGIInterfaceFlgPropEq	Char	1	Display 10 Class Codes (Y/N)
ABIN	cAddressBookInterface	Char	1	Post Account Balances by Currency
CALD	szNumberOfPeriodsNormal	String	2	Number of Periods - Normal
DTPN	cFisalDatePattern	Char	1	Fiscal Date Pattern
PNF	mnPeriodsNoFinancialRep	Numeric	2	Period Number - Financial Reporting
DFP	mnFinancialReportingYear	Numeric	2	Financial Reporting Year
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From
SMI	cSymblUseToDefinPEI	Char	1	Symbol Used to define Item Number
SMU	cSymblUseToDefinPEU	Char	1	Symbol Used to define Unit Number

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SMS	cSymbIUseToDefinSeria	Char	1	Symbol Used to define Serial Number
DNLT	cDelinquencyLetter	Char	1	Delinquency Notice (Y/N)
STMT	cPrintStatementYN	Char	1	Print Statement Y/N
ATCS	cAutoCash	Char	1	Auto Receipt (Y/N)
ALGM	szAutocashAlgorithm	String	2	Auto Receipt Algorithm Method
AGEM	cAgingMethod	Char	1	Aging Method (1,2,3)
CRDY	mnAgingDaysARCurrent	Numeric	3	Aging Days - A/R Current
AGR1	mnAgingDaysAR001	Numeric	3	Aging Days - A/R 1
AGR2	mnAgingDaysAR002	Numeric	3	Aging Days - A/R 2
AGR3	mnAgingDaysAR003	Numeric	3	Aging Days - A/R 3
AGR4	mnAgingDaysAR004	Numeric	3	Aging Days - A/R 4
AGR5	mnAgingDaysAR005	Numeric	3	Aging Days - A/R 5
AGR6	mnAgingDaysAR006	Numeric	3	Aging Days - A/R 6
AGR7	mnAgingDaysAR007	Numeric	3	Aging Days - A/R 7
FRY	mnFinancialReportYear52	Numeric	2	52 Period Financial Report Year
FRP	mnPeriodNoFinancial52	Numeric	2	52 Period Number - Financial Reporting
NNP	mnNumberOfPeriods52	Numeric	2	52 Period Number of Periods - Normal
FP	mnPercentageFactor	Numeric	9	Percentage Factor
AGE	cBaseAgingDate	Char	1	Aging - Date Based On (I/D/G)
DAG	jdDateAgeAsOf	Date	6	Date - Age as of
ARPN	mnPeriodNoAr	Numeric	2	Period Number - Accounts Receivable
APPN	mnPeriodNoAp	Numeric	2	Period Number - Accounts Payable
ARFJ	jdDateARFiscalYearBeginsJ	Date	6	Date - A/R Fiscal Year Begins
APFJ	jdDateAPFisalYearBeginsJ	Date	6	Date - A/P Fiscal Year Begins

Data Item / Alias	Structure Member Name	Data Type	Size	Description
AN8	mnAddressNumber	Numeric	8	Address Number
SGBK	szSignatureBlock	String	40	Signature Block
PTCO	cPrintCompanyName	Char	1	Print Company Name
X1	cForFutureUseFlag1	Char	1	For Future Use - Flag 1
X2	cForFutureUseFlag2	Char	1	For Future Use - Flag 2
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
JOBN	szWorkStationId	String	10	Work Station ID
UPMT	mnTimeLastUpdated	Numeric	6	Time - Last Updated

### Conceptual Approach

A new company added in the JD Edwards EnterpriseOne system creates a new record in the Company table (F0010). If a company is added or modified in a system, the information is sent to a third-party system for add or update. If a company is deleted, the pertinent information is sent to the third-party, which will take the appropriate action. If applicable, the third-party integration must update the cross-reference table in the process in order to tie together the key values from both systems.

### Objects that Can Initiate the Event

These objects can initiate the RTCOOUT event:

- P0000 - System Setup
- P0010 - Companies
- B0000132 - Update Currency Conversion
- B0000024 - Global Update Company Period Number
- B03B0026 - Retrieve/Update A/R Constants

---

## Customer

This section discusses the realtime event generated by changes to customer records.

### RTCMOUT

RTCMOUT is used by the JD Edwards EnterpriseOne system to notify third-party systems of customer additions, changes, or deletions.

<b>Event Name</b>	<i>RTCMOUT</i>
<b>Event Description</b>	<i>RTCMOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Container event for:
	<ul style="list-style-type: none"> <li>• RTCMHDR (D0100077A)</li> <li>• RTCMPHOUT (D0100077B)</li> <li>• RTCMEAOUT (D0100077C)</li> <li>• RTCMCCOUT (D0100077D)</li> </ul>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the appropriate realtime events that are contained by this event for more information about the fields, conceptual approach, and processes that can initiate this event.

### Special Setup

RTCMOUT has some additional special setup requirements due to the logic in the realtime wrapper.

The processing option for version ZJDE001 of the Customer Master Real Time Event Wrapper Application program (P0100077) determines whether RTCMOUT is always sent or is sent only if certain fields are changed. The purpose of the processing option is to enable filtering of the outbound event, RTCMOUT.

When the processing option is 0, blank, or null, no filtering occurs, and RTCMOUT is sent whenever a change is made to a customer master record. If the processing option is 1, an event is sent only if one of the five territory alignment fields have been changed. Events always occur on an Add or Delete. The five territory alignment fields are Industry Classification Code, City, State, Zip, and Country. If one of these fields have changed and the filter is turned off, a flag is set in a cTerritoryAlign parameter in the event data structure. This flag is a signal that something has changed in those five fields.

## RTCMHDR

RTCMHDR is used by the JD Edwards EnterpriseOne system to notify third-party systems of customer additions, changes, or deletions.

<b>Event Name</b>	<i>RTCMHDR</i>
<b>Event Description</b>	<i>CM Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>

**Delivery Timeout Threshold**                    0

**Data Structure**                                    *D0100077A*: Customer Master Real Time Record

**Event Relationship**                            Included in container event RTCMOUT.

## Event Fields

The RTCMHDR event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Type
AN8	mnAddressNumber	Numeric	8	Customer
CO	szCompany	String	5	Company
ALPH	szNameAlpha	String	40	Customer Name
MCU	szBusinessUnit	String	12	Business Unit
AT1	szSearchType	String	3	Customer Type
BADT	cShipToSoldToFlag	Char	1	Billing Address Type
SIC	szStandardIndustryCode	String	10	Industry Classification Code
RMK	szRemark	String	30	Remark
LNGP	szLanguageCode	String	2	Language
POPN	szCreatedBy	String	10	Person who created record
MLNM	szMailingName	String	40	Mailing Name
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADD4	szAddressLine4	String	40	Address Line 4
CTY1	szCity	String	25	City
COUN	szCountyAddress	String	25	County
ADDS	szState	String	3	State
ADDZ	szZipCodePostal	String	12	Zip Postal Code
CTR	szCountry	String	3	Country

Data Item / Alias	Structure Member Name	Data Type	Size	Description
PH1	szPhoneNumber	String	20	Phone Number
PH1	szPhoneNumber_2	String	20	Phone Number
TXA1	szTaxArea	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode	String	2	Tax Expl Code 1
TAX	szTaxId	String	20	Tax ID
CRCD	szCurrencyCode	String	4	Currency Code
PORQ	cCustomerPORequiredYN	Char	1	Customer PO Required (Y/N)
PA8	mnParentNumber	Numeric	8	Parent
CM	szCreditMessage	String	2	Credit Message
EV01	cTerritoryAlign	Char	1	Territory Alignment Flag for CRM
PID	szProgramID	String	10	Program ID
ALKY	szAlternateAddressKey	String	20	Alternate Address Key
TRAR	szPaymentTermsA/R	String	3	Payment Terms - A/R
HOLD	szHoldOrderCode	String	20	Hold Alternate Code
EFTB	jdDateBeginningEffective	Date	6	Date - Beginning Effective Date

## Conceptual Approach

A customer record added, modified, or deleted in the JD Edwards EnterpriseOne system creates a new record in a number of tables such as Customer Master by Line of Business (F03012) and Address Book Master (F0101) tables. A realtime notification event is triggered in the Customer Master or Address Book Master Business Function after data is modified to any customer table.

## Objects that Can Initiate the Event

These objects can initiate the RTCMHDR event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function B0100077 - Customer Master Real-Time Event notification function

- B0100077 - Customer Master Real Time Wrapper
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

## RTCMPHOUT

RTCMPHOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems of customer phone number changes.

<b>Event Name</b>	<i>RTCMPHOUT</i>
<b>Event Description</b>	<i>CM Phone</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100077B: Customer Phones Wrapper Data Structure</i>
<b>Event Relationship</b>	Included in container event RTCMOUT.

### Event Fields

The RTCMPHOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PHTP	szPhoneNumberType	String	4	Type of phone number (fax, home, work, etc)
PH1	szPhoneNumber	String	20	Phone number
CNLN	mnContactPersonID	Numeric	5	Contact Line Number
RCK7	mnSequenceNumber	Numeric	8	Sequence number in F0115 table of record

### Conceptual Approach

A phone number is changed in the JD Edwards EnterpriseOne system for a customer. This change is sent out using realtime events. A given customer may have an infinite number of phone numbers.

### Objects that Can Initiate the Event

These objects can initiate the RTCMPHOUT event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF

- P0111 - Whos who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100077 - Customer Master Real-Time Event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

## RTCMEAOUT

RTCMEAOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems of customer email address changes.

<b>Event Name</b>	<i>RTCMEAOUT</i>
<b>Event Description</b>	<i>Customer E-mail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100077C: Customer Master Real Time Email Structure</i>
<b>Event Relationship</b>	Included in container event RTCMOUT.

### Event Fields

The RTCMEAOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN8	mnAddressNumber	Numeric	8	Address number of customer
IDLN	mnLineNumberID	Numeric	8	who's who number of customer
RCK7	mnSequenceNumber70	Numeric	8	Sequence number of record in F01151 table
ETP	szElectronicAddressType	String	4	Type of electronic address such as email or URL
EMAL	szEmailAddressow	String	256	Email address or URL

## Conceptual Approach

An email address is added or changed in the JD Edwards EnterpriseOne system for a customer. This change is sent out using realtime events. A given customer may have an infinite number of email addresses.

## Objects that Can Initiate the Event

These objects can initiate the RTCMEABOUT event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100077 - Customer Master Real-Time Event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

## RTCMCCOUT

RTCMCCOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems of customer category code changes.

<b>Event Name</b>	<i>RTCMCCOUT</i>
<b>Event Description</b>	<i>Customer Category Codes</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100077D: Customer Master Real Time Cat Codes Structure</i>
<b>Event Relationship</b>	Included in container event RTCMOUT.

## Event Fields

The RTCMCCOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN8	mnAddressNumber	Numeric	8	Customer Address Number
AC01	szReportCodeAddBook001	String	3	Customer Category Code

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AC02	szReportCodeAddBook002	String	3	Customer Category Code
AC03	szReportCodeAddBook003	String	3	Customer Category Code
AC04	szReportCodeAddBook004	String	3	Customer Category Code
AC05	szReportCodeAddBook005	String	3	Customer Category Code
AC06	szReportCodeAddBook006	String	3	Customer Category Code
AC07	szReportCodeAddBook007	String	3	Customer Category Code
AC08	szReportCodeAddBook008	String	3	Customer Category Code
AC09	szReportCodeAddBook009	String	3	Customer Category Code
AC10	szReportCodeAddBook010	String	3	Customer Category Code
AC11	szReportCodeAddBook011	String	3	Customer Category Code
AC12	szReportCodeAddBook012	String	3	Customer Category Code
AC13	szReportCodeAddBook013	String	3	Customer Category Code
AC14	szReportCodeAddBook014	String	3	Customer Category Code
AC15	szReportCodeAddBook015	String	3	Customer Category Code
AC16	szReportCodeAddBook016	String	3	Customer Category Code
AC17	szReportCodeAddBook017	String	3	Customer Category Code
AC18	szReportCodeAddBook018	String	3	Customer Category Code
AC19	szReportCodeAddBook019	String	3	Customer Category Code
AC20	szReportCodeAddBook020	String	3	Customer Category Code
AC21	szCategoryCodeAddressBook2	String	3	Customer Category Code
AC22	szCategoryCodeAddressBk22	String	3	Customer Category Code
AC23	szCategoryCodeAddressBk23	String	3	Customer Category Code
AC24	szCategoryCodeAddressBk24	String	3	Customer Category Code
AC25	szCategoryCodeAddressBk25	String	3	Customer Category Code
AC26	szCategoryCodeAddressBk26	String	3	Customer Category Code
AC27	szCategoryCodeAddressBk27	String	3	Customer Category Code

Data Item / Alias	Structure Member Name	Data Type	Size	Description
AC28	szCategoryCodeAddressBk28	String	3	Customer Category Code
AC29	szCategoryCodeAddressBk29	String	3	Customer Category Code
AC30	szCategoryCodeAddressBk30	String	3	Customer Category Code

## Conceptual Approach

A customers category code data is added or changed in the JD Edwards EnterpriseOne system. This change is sent out using realtime events.

## Objects that Can Initiate the Event

These objects can initiate the RTCMCCOUT event:

- N0100041 - Address Book MBF
- N0100042 - Customer Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100077 - Customer Master Real-Time Event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

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## Direct Connect

This section provides information about the events that enable you to connect to a Direct Connect supplier's website in order to select items for a requisition.

## Prerequisite

You must set up an XAPI subscriber for Direct Connect.

See JD Edwards EnterpriseOne Tools 8.96: Interoperability, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information, Adding a Subscriber.

## REMPTYCRT

REMPTYCRT is a single event that is generated by the JD Edwards EnterpriseOne system to notify the WSG Integration Server that JD Edwards EnterpriseOne has canceled the request to wait for an inbound shopping cart from the supplier.

**Event Name**                      *REMPTYCRT*

<b>Event Description</b>	<i>eReq - Notify Empty Cart RTE</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>43E</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D43E0060A: eReq - Notify Empty Shopping Cart RTE</i>

### Event Fields

The REMPTYCRT event contains these field:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie

### Conceptual Approach

The JD Edwards EnterpriseOne system generates this event when a user cancels a transaction from the JD Edwards EnterpriseOne Direct Connect Shopping Cart application.

### Objects that Can Initiate the Event

The Direct Connect Application Interface program (P43E23) initiates the REMPTYCRT event.

### Special Setup

You must set up a subscriber event for the REMPTYCRT realtime event.

See JD Edwards EnterpriseOne Tools 8.96: Interoperability, “Using Events – Guaranteed,” Establishing Subscriber and Subscription Information.

## XAPIAUTHEN

XAPIAUTHEN is a container event generated by the JD Edwards EnterpriseOne system to request authentication from a Direct Connect supplier’s website and to receive authentication response message.

<b>Event Name</b>	<i>XAPIAUTHEN</i>
<b>Event Description</b>	<i>Authenticate User Credential</i>
<b>Event Type</b>	<i>XAPI</i>
<b>Event Category</b>	<i>CONTAINER</i>

Contains these data structures:

- D43E0040D - XAPI - User Authentication DS to XML
- D43E0040E - XAPI Extrinsic Text Substitution
- DXAPIROUTE - XAPI Call Routing Information

**Product Code**                    *43E*  
**Reliable Delivery**                *1*  
**Delivery Timeout**                *0*  
**Threshold**

### Event Fields for XAPIAUTHEN - D43E0040D

The D43E0040D data structure contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SIGNON	szSenderIdentity_SIGNON	String	30	Sign On ID
POEXTR	cSendExtrinsicInfo_POEXTR	Char	1	Send Extrinsic Information
COMMETHD	cPunchOutCommMethd_COMMETHD	Char	1	Direct Connect Communication Method
USER	szUserID_USER	String	10	User ID
FRMIDEN	szFromIdentity_FRMIDEN	String	31	Buyer organization's Credential Identity
TOIDEN	szToIdentity_TOIDEN	String	31	Supplier Credential Identity
SENDIDEN	szSenderIdentity_SENDIDEN	String	31	Sender's Credential Identity
MACALGO	szMACAlgorithm_MACALGO	String	31	MAC Algorithm
MACTYPE	szIMACType_MACTYPE	String	31	Credential MAC TYPE
MACVALUE	szMACValue_MACVAL	String	301	MAC Credential Value
XMLSCH	szAuthenReqXMLDocName_XMLSCH	String	30	XML Schema
XMLSCH1	szAuthenReqXMLDocName_XMLSCH1	String	30	XML Schema
XMLSCH2	szShpCrtResXMLDocName_XMLSCH2	String	30	XML Schema
XMLVERS	szAuthenReqXMLDocVers_XMLVERS	String	10	XML Version
XMLVERS1	szAuthenReqXMLDocVers_XMLVERS1	String	10	XML Version 1
XMLVERS2	szShpCrtResXMLDocVers_XMLVERS2	String	10	XML Version 2
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
ALPH	szUserAgent_ALPH	String	40	Name - Alpha
LNG	szLanguageCode_LNG	String	3	Language Code
VAL	szOperationAllowed_VAL	String	40	Values Allowed

Data Item / Alias	Structure Member Name	Data Type	Size	Description
PASSWD	szSharedSecret_PASSWD	String	50	Signon Password
AUTHURL	szSupplierAuthenURL_AUTHURL	String	3000	Authentication URL
AUTHMTD	cPunchOutAuthenMethd_AUTHMTD	Char	1	Direct Connect Authentication Method
TODMN	szToDomain_TODMN	String	31	Supplier Credential Domain
FRMDMN	szFromDomain_FRMDMN	String	31	Buyer organization's Credential Domain
SENDDMN	szSenderDomain_SENDDMN	String	31	Sender's Credential Domain
CREATEDT	szMACCreationDate_CREATEDT	String	30	Creation Date
EXPIREDT	szMACExpirationDate_EXPIREDT	String	30	Expiration Date

### Event Fields for XAPIAUTHEN - D43E0040E

The D43E0040E data structure contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
VC30A1	szElementName_VC30A1	String	30	Video Constant A1 - length 30
VC30A2	szElementName_VC30A2	String	30	Video Constant A2 - length 30

### Conceptual Approach

When the user clicks on the supplier number on the Order Items form of the Direct Connection program (P43E23), the system launches the XAPIAUTHEN event to initiate authentication with the Direct Connect supplier's website.

### Objects that Can Initiate the Event

The Direct Connect Application Interface program (P43E23) initiates the XAPIAUTHEN event.

### Special Setup

You must set up a subscriber event for the XAPIAUTHEN event.

See JD Edwards EnterpriseOne Tools 8.96: Interoperability, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

## XAPIGETCRT

XAPIGETCRT is a container event used by the WSG Integration Server to notify the JD Edwards EnterpriseOne Direct Connect Shopping Cart application that the contents of the shopping cart have been sent to JD Edwards EnterpriseOne.

<b>Event Name</b>	<i>XAPIGETCRT</i>
<b>Event Description</b>	<i>XAPI - Get Shopping Cart</i>
<b>Event Type</b>	<i>XAPI</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Contains these data structures:
	<ul style="list-style-type: none"> <li>• D43E0090B - XAPI - Shopping Cart Response</li> <li>• DXAPIROUTE - XAPI Call Routing Information</li> </ul>
<b>Product Code</b>	<i>43E</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

### Event Fields

The D43E0090B data structure contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
USER	szUserID_USER	String	10	User ID
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
LNID	mnLineNumber_LNID	Numeric	6	Line Number

### Conceptual Approach

The Get Shopping Cart Response integration service initiates the XAPIGETCRT response message. The system then retrieves the corresponding XAPI message information from the XAPIREQCRT message to communicate with the correct JD Edwards EnterpriseOne user session.

### Objects that Can Initiate the Event

The WSG Integration Server's `convert_cXML_1_2_009_PunchOutOrderMessage_To_E1_XAPIGETCRT` service initiates the XAPIGETCRT event.

### Special Setup

You must set up a subscriber event for the XAPIGETCRT event.

See JD Edwards EnterpriseOne Tools 8.96: Interoperability, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

## XAPIGETURL

XAPIGETURL is a container event used by the WSG Integration Server to receive a Direct Connect supplier's catalog URL.

<b>Event Name</b>	<i>XAPIGETURL</i>
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<b>Event Description</b>	<i>XAPI - Get Supp Catalog URL</i>
<b>Event Type</b>	<i>XAPI</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Contains these data structures:
	<ul style="list-style-type: none"> <li>• D43E0050B - XAPI - Populate Catalog URL DataStructure</li> <li>• DXAPIROUTE - XAPI Call Routing Information</li> </ul>
<b>Product Code</b>	<i>43E</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

### Event Fields

The D43E0050B data structure contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
STAT	szResponseStatus_STAT	String	3	Lease/Tract Status Code
DTAI	szStatusDescription_DTAI	String	10	Data Item
AUTHURL	szSupplierCatalogURL_AUTHURL	String	3000	Authentication URL

### Conceptual Approach

The authentication integration service initiates the XAPIGETURL response message.

### Objects that Can Initiate the Event

The WSG Integration Server's convert\_E1\_XAPIAUTHEN\_To\_cXML\_1\_2\_009\_And\_Response service initiates the XAPIGETCRT event.

### Special Setup

You must set up a subscriber event for the XAPIGETURL event.

See JD Edwards EnterpriseOne Tools 8.96: Interoperability, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

## XAPIREQCRT

XAPIREQCRT is a container event used by the JD Edwards EnterpriseOne system to notify the WSG Integration Server that JD Edwards EnterpriseOne is waiting for an inbound shopping cart request from a Direct Connect supplier's website.

<b>Event Name</b>	<i>XAPIREQCRT</i>
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<b>Event Description</b>	<i>XAPI - Request Shopping Cart</i>
<b>Event Type</b>	<i>XAPI</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Contains these data structures:
	<ul style="list-style-type: none"> <li>• D43E0080D - XAPI - Get Supplier Shopping Cart Response</li> <li>• DXAPIROUTE - XAPI Call Routing Information</li> </ul>
<b>Product Code</b>	<i>43E</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

### Event Fields

The D43E0080D data structure contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
USER	szUserID_USER	String	10	User ID
COOKIE	szBuyerCookie_COOKIE	String	200	Buyer Cookie
PEID	mnProcessID_PEID	Numeric	15	Process ID
TCID	mnTransactionID_TCID	Numeric	15	Transaction ID
JOBS	mnJobNumber_JOBS	Numeric	8	Job Number
CTID	szComputerID_CTID	String	15	Computer ID
AN8V	mnSupplierNumber_AN8V	Numeric	8	Address Number - Supplier

### Conceptual Approach

After the Direct Connect supplier has authenticated a user's credentials, the JD Edwards EnterpriseOne system triggers this event to notify the WSG Integration Server to listen for the XAPIGETCRT event that will come from the supplier's website.

### Objects that Can Initiate the Event

The Direct Connect Application Interface program (P43E23) initiates the XAPIAUTHEN event.

### Special Setup

You must set up a subscriber event for the XAPIREQCRT event.

See JD Edwards EnterpriseOne Tools 8.96: Interoperability, "Using Events – Guaranteed," Establishing Subscriber and Subscription Information.

# Employee

This section discusses the realtime events generated by changes to employee records.

## RTEMOUT

RTEMOUT is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to employee master records (F060116).

<b>Event Name</b>	<i>RTEMOUT</i>
<b>Event Description</b>	<i>Employee Master RTE</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for: <ul style="list-style-type: none"> <li>• RTEMOUTB (D0500873B)</li> <li>• RTEMOUTC (D0500873C)</li> <li>• RTEMOUTD (D0500873D)</li> </ul>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500873A: Employee Master RTE Notification A Structure</i>

## Event Fields

The RTEMOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
EV01	cEventCode	Char	1	J.D. PeopleSoft Enterprise Event Point 01
VC10A	szContainerEventName	String	10	Video Constant A - length 10
VC10A	szF060116EventName	String	10	Video Constant A - length 10
VC10A	szF060117EventName	String	10	Video Constant A - length 10
VC10A	szF060120EventName	String	10	Video Constant A - length 10
GENLNG	idEventID	Identifier	11	Generid Long ID - JD Edwards EnterpriseOne
VC30A	szCallingFunctionName	String	30	Video Constant A - length 30

Data Item / Alias	Structure Member Name	Data Type	Size	Description
VC30A	szEventScope	String	30	Video Constant A - length 30
EV01	cSuppressError	Char	1	J.D. PeopleSoft Enterprise Event Point 01
DTAI	szErrorID	String	10	Data Item
EV01	cActionCode	Char	1	J.D. PeopleSoft Enterprise Event Point 01
AN8	mnAddressNumber	Number	8	Address Number

## Conceptual Approach

When a user adds, modifies, or deletes employee master data from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTEMOUT event is a container event activated on the F060116, F060117, and F060120 table triggers and contains all columns from the modified records and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116, F060117, and F060120) is modified, the corresponding record from the other table is automatically fetched and included in the container.

## Objects that Can Initiate the Event

These objects can initiate the RTEMOUTB event:

- F060116 - Employee Master Information table trigger
- F060117 - Employee Master - International Data table trigger
- F060120 - Employee Master - Additional Information table trigger
- B0500575 - Employee Master Business Function
- B0500873 - Employee Master RTE Notification

## RTEMOUTB

RTEMOUTB is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to employee master records (F060116).

<b>Event Name</b>	<i>RTEMOUTB</i>
<b>Event Description</b>	<i>F060116 Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500873B: Employee Master RTE Notification B Structure</i>

**Relationship** Included in container event RTEMOUT.

### Event Fields

The RTEMOUTB event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
ALPH	szAlphaName	String	40	Name - Alpha
SSN	szSocialSecurityNumber	String	20	Employee Tax ID
OEMP	szAdditionalEENumber	String	8	Additional Employee No
SEX	cGender	Char	1	Gender (Male/Female)
MSTX	cMaritalStatusTax	Char	1	Marital Status - Tax
MSTI	cMaritalStatusState	Char	1	Marital Status - State Tax
EIC	cEICStatus	Char	1	Earned Income Credit Status
EST	cEmploymentStatus	Char	1	Employee Status
TARR	szTaxAreaResidence	String	10	Tax Area (Residence)
TARA	szTaxAreaWork	String	10	Tax Area (Work)
SCDC	mnSchoolDistrictCode	Number	5	School District Code
HMCO	szHomeCompany	String	5	Company - Home
MCU	szBusinessUnit	String	12	Business Unit
HMCU	szHomeBusinessUnit	String	12	Business Unit - Home
MAIL	szRoutingCode	String	10	Routing Code - Check
PAST	cPayStatus	Char	1	Employee Pay Status
PFRQ	cPayFrequency	Char	1	Pay Frequency
SALY	cPayClass	Char	1	Pay Class (H/S/P)
UN	szUnionCode	String	6	Union Code
JBCD	szJobType	String	6	Job Type (Craft) Code
JBST	szJobStep	String	4	Job Step

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
EEOJ	szJobCategory	String	3	Job Category (EEO)
EEOM	szEthnicCode	String	2	Ethnic Code
TRS	szChangeReason	String	3	Change Reason
WCMP	szWokersCompCode	String	4	Worker's Comp. Insurance Code
FLSA	cFLSAExempt	Char	1	FLSA Exempt Y/N
SHFT	cShiftCode	Char	1	Shift Code
SAL	mnAnnualSalary	Number	11	Rate - Salary, Annual
PHRT	mnHourlyRate	Number	9	Rate - Hourly
STDH	mnStandardHoursPayPeriod	Number	5	Hours - Standard per Payperiod
STDD	mnStandardHoursDay	Number	5	Hours - Standard pr Day
SDYY	mnDaysStandardYear	Number	5	Days - Standard per Year
IFN	cFirstNameInitial	Char	1	Initial - First Name (Govt Rpts)
IMN	cMiddleNameInitial	Char	1	Initial - Middle Name (Govt Rpts)
DOB	jdDateOfBirth	Date	6	Date - Birth
DSI	jdDateOriginalEmployment	Date	6	Date - Original Employment
DT	jdDateTerminated	Date	6	Date - Terminated
DST	jdDateStarted	Date	6	Data Item - Secondary
PSDT	jdDatePayStarts	Date	6	Date - Pay Starts
PTDT	jdDatePayStops	Date	6	Date - Pay Stops
DR	jdDateLastRaise	Date	6	Date - Last Raise
LADT	jdLOAExpirationDate	Date	6	Date - LOA Expiration Date
CPDT	jdDateCurrentPosition	Date	6	Date - Current Position
P001	szCategoryCodePayroll001	String	3	Category Codes - Payroll1
P002	szCategoryCodePayroll002	String	3	Category Codes - Payroll2
P003	szCategoryCodePayroll003	String	3	Category Codes - Payroll3
P004	szCategoryCodePayroll004	String	3	Category Codes - Payroll4

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
P005	szCategoryCodePayroll005	String	3	Category Codes - Payroll5
P006	szCategoryCodePayroll006	String	3	Category Codes - Payroll6
P007	szCategoryCodePayroll007	String	3	Category Codes - Payroll7
P008	szCategoryCodePayroll008	String	3	Category Codes - Payroll8
P009	szCategoryCodePayroll009	String	3	Category Codes - Payroll9
P010	szCategoryCodePayroll010	String	3	Category Codes - Payroll10
P011	szCategoryCodePayroll011	String	3	Category Codes - Payroll11
P012	szCategoryCodePayroll012	String	3	Category Codes - Payroll12
P013	szCategoryCodePayroll013	String	3	Category Codes - Payroll13
P014	szCategoryCodePayroll014	String	3	Category Codes - Payroll14
P015	szCategoryCodePayroll015	String	3	Category Codes - Payroll15
P016	szCategoryCodePayroll016	String	3	Category Codes - Payroll16
P017	szCategoryCodePayroll017	String	3	Category Codes - Payroll17
P018	szCategoryCodePayroll018	String	3	Category Codes - Payroll18
P019	szCategoryCodePayroll019	String	3	Category Codes - Payroll19
P020	szCategoryCodePayroll020	String	3	Category Codes - Payroll20
SOCC	szOccupationClassCode	String	4	Standard Occupational Class Code
IH	mnWorkHoursPerYear	Number	7	Hours per Standard Year
CCPR	szCountryCode	String	3	Country Code
TCNF	cThirdCtryNationalFlag	Char	1	Third Country National Flag
RAF	cResidentAlienFlag	Char	1	Resident Alien Flag
WET	cWCSubClass	Char	1	Sub Class - Workers Comp
RMST	cMaritalStatusResidentState	Char	1	Marital Status - Resident State
LMST	cMaritalStatusLocalArea	Char	1	Local Area Marital Status
LSDT	jdLOABeginDate	Date	6	Date - LOA Beginning Date
PADT	jdDateParticipation	Date	6	Date - Participation

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DTSP	jdDateTimeStamp	Date	6	Date - Time Stamp
DOBM	mnBirthDateMonth	Number	2	Birthday - Month
DSTM	mnStartDateMonth	Number	2	Startdate - Month
PSAL	mnRatePreviousSalary	Number	11	Rate - Previous Salary
LSAL	mnRateLifeInsSalary	Number	13	Rate - Life Ins. Annual Salary
DIVC	szBenefitGroup	String	6	Benefit Group
ANPA	mnSupervisor	Number	8	Supervisor
PGRD	szPayGrade	String	6	Pay Grade
PGRS	szPayGradeStep	String	4	Pay Grade Step
SLOC	szSalaryDataLocality	String	8	Salary Date Locality
NRVW	jdDateNextReview	Date	6	Date - Next Review
TINC	cTypeOfIncreaseNextRev	Char	1	Type of Increase Next Review
HM01	cEEOI9Status	Char	1	EEO - I9 Status
HM02	cEEOVeteran	Char	1	Veteran
HM03	cEEODisabledVeteran	Char	1	EEO - Disabled Veteran
HM04	cEEODisability	Char	1	EEO - Disability
POS	szPositionID	String	8	Position ID
ED01	jdDateUserDefined01	Date	6	Date - User Defined1
ED02	jdDateUserDefined02	Date	6	Date - User Defined2
ED03	jdDateUserDefined03	Date	6	Date - User Defined3
ED04	jdDateUserDefined04	Date	6	Date - User Defined4
ED05	jdDateUserDefined05	Date	6	Date - User Defined5
ED06	jdDateUserDefined06	Date	6	Date - User Defined6
ED07	jdDateUserDefined07	Date	6	Date - User Defined7
ED08	jdDateUserDefined08	Date	6	Date - User Defined8
ED09	jdDateUserDefined09	Date	6	Date - User Defined9

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ED10	jdDateUserDefined10	Date	6	Date - User Defined10
ED11	jdDateUserDefined11	Date	6	Date - User Defined11
ED12	jdDateUserDefined12	Date	6	Date - User Defined12
ED13	jdDateUserDefined13	Date	6	Date - User Defined13
ED14	jdDateUserDefined14	Date	6	Date - User Defined14
ED15	jdDateUserDefined15	Date	6	Date - User Defined15
ED16	jdDateUserDefined16	Date	6	Date - User Defined16
ED17	jdDateUserDefined17	Date	6	Date - User Defined17
ED18	jdDateUserDefined18	Date	6	Date - User Defined18
ED19	jdDateUserDefined19	Date	6	Date - User Defined19
ED20	jdDateUserDefined30	Date	6	Date - User Defined20
DEPT	szDepartmentCode	String	12	Department Code
FAGE	mnAgeEmployee	Number	3	Age - Employee
FSAL	mnSalaryFixed	Number	15	Rate - Life Ins. Annual Salary
CPA	mnCompaRatio	Number	5	Compa-Ratio
JOBN	szWorkStationID	String	10	Work Station ID
USER	szUserID	String	10	User ID
PID	szProgramID	String	10	Program ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
BENS	cEmployeeBenefitStatus	Char	1	Employee Benefit Status
FTE	mnFullTimeEquivalent	Number	9	Full Time Equivalent
SMOY	mnMonthsStandardPerYear	Number	5	Periods Paid Per Year

## Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060116 table only, from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTEMOUT event is a container event activated on the F060116 table trigger and contains all columns from the modified employee master record (F060116) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116, F060117, and F060120) is modified, the corresponding record from the other table is automatically fetched and included in the container.

## Objects that Can Initiate the Event

These objects can initiate the RTEMOUTB event:

- F060116 - Employee Master Information table trigger
- B0500575 - Employee Master Business Function
- B0500873 - Employee Master RTE Notification

## RTEMOUTC

RTEMOUTC is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to employee master records (F060117).

<b>Event Name</b>	<i>RTEMOUTC</i>
<b>Event Description</b>	<i>F060117 Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500873C: Employee Master RTE Notification C Structure</i>
<b>Relationship</b>	Included in container event RTEMOUT.

## Event Fields

The RTEMOUTC event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
NAMP	szEmployeeName	String	50	Name - Employee
MALP	szBirthName	String	40	Name - Birth

Data Item / Alias	Structure Member Name	Data Type	Size	Description
LNGP	szLanguage	String	2	Language
SALU	szSalutation	String	5	Salutation
SUFF	szSuffix	String	5	Suffix
PRNM	szPreferredName	String	20	Preferred Name
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From

## Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060117 table only, from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTEMOUT event is a container event activated on the F060117 table trigger and contains all columns from the modified employee master record (F060117) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116, F060117, and F060120) is modified, the corresponding record from the other table is automatically fetched and included in the container.

## Objects that Can Initiate the Event

These objects can initiate the RTEMOUTC event:

- F060117 - Employee Master - International Data table trigger
- B0500575 - Employee Master Business Function
- B0500873 - Employee Master RTE Notification

## RTEMOUTD

RTEMOUTD is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to employee master records (F060120).

<b>Event Name</b>	<i>RTEMOUTD</i>
<b>Event Description</b>	<i>F060120 Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500873D: Employee Master RTE Notification D Structure</i>
<b>Relationship</b>	Included in container event RTEMOUT.

## Event Fields

The RTEMOUTD event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
MSA	cActualMaritalStatus	Char	1	Marital Status - Actual
CTBB	szCountryBirth	String	3	Country - Birth
CTB1	szNationality1st	String	3	Nationality - 1st (Citizenship)
CTB2	szNationality2nd	String	3	Nationality - 2nd
CTB3	szNationality3rd	String	3	Nationality - 3rd
JBCX	szJobTitle	String	30	Job Title
CDIJ	jdDateInCurrentJob	Date	6	Date in Current Job
ORMCU	szOrganizationalBusinessUnit	String	12	Organizational Business Unit
LSRD	jdLastSalaryReviewDate	Date	6	Last Compensation Review Date
NSRD	jdNextSalaryReviewDate	Date	6	Next Compensation Review Date
PAPL	mnPerformanceAppraisalLevel	Number	6	Performance Appraisal Level
TIRNK	mnTierRanking	Number	5	Tier/Ranking
TRNKD	jdLastTierRankDate	Date	6	Last Tier/Rank date
JBPCTRQD	mnTotalJobCompetencyPercent	Number	15	Total Job Competency Percent Achieved
LTJCRW	jdLastTotalJobCompetencyReview	Date	6	Last Total Job Competency review date
DATRVW	jdDateLastReviewed	Date	6	Date Last Reviewed
RWTYP	cReviewType	Char	1	Review Type
TINCL	cTypeIncreaseLastReview	Char	1	Type of Increase Next Review

## Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060120 table only, from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTEMOUT event is a container event activated on the F060120 table trigger and contains all columns from the modified employee master record (F060120) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116, F060117, and F060120) is modified, the corresponding record from the other table is automatically fetched and included in the container.

## Objects that Can Initiate the Event

These objects can initiate the RTEMOUTD event:

- F060120 - Employee Master - Additional Information table trigger
- B0500575 - Employee Master Business Function
- B0500873 - Employee Master RTE Notification

## RTPIOUT

RTPIOUT is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to employee master records (F060116). This message is similar to the message issued by RTEMOUT and is required for integration with PeopleSoft Enterprise Learning Management.

<b>Event Name</b>	<i>RTPIOUT</i>
<b>Event Description</b>	<i>Person Information RTE</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Container event for:
	<ul style="list-style-type: none"> <li>• RTPIOUTB (D0500881B)</li> <li>• RTPIOUTC (D0500881C)</li> </ul>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500873A: Employee Master RTE Notification A Structure</i>

## Event Fields

The RTPIOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
EV01	cEventCode	Char	1	J.D. PeopleSoft Enterprise Event Point 01
VC10A	szContainerEventName	String	10	Video Constant A - length 10
VC10A	szF060116EventName	String	10	Video Constant A - length 10
VC10A	szF060117EventName	String	10	Video Constant A - length 10
VC10A	szF060120EventName	String	10	Video Constant A - length 10
GENLNG	idEventID	Identifier	11	Generid Long ID - JD Edwards EnterpriseOne
VC30A	szCallingFunctionName	String	30	Video Constant A - length 30
VC30A	szEventScope	String	30	Video Constant A - length 30
EV01	cSuppressError	Char	1	J.D. PeopleSoft Enterprise Event Point 01
DTAI	szErrorID	String	10	Data Item
EV01	cActionCode	Char	1	J.D. PeopleSoft Enterprise Event Point 01
AN8	mnAddressNumber	Number	8	Address Number

## Conceptual Approach

When a user adds, modifies, or deletes employee master data from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTPIOUT event is a container event activated within the employee master business function and contains a specific subset of columns, the specific columns from the employee master for the PeopleSoft Enterprise message PERSON\_BASIC\_SYNC, from the modified employee master record and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116 and F060117) is modified the corresponding record from the other table is automatically fetched and included in the container.

## Objects that Can Initiate the Event

These objects can initiate the RTPIOUTB event:

- B0500575 - Employee Master Business Function
- B0500881 - Person Information RTE Notification

## RTPIOUTB

RTPIOUTB is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to employee master records (F060116). This message is similar to the message issued by RTEMOUTB and is required for integration with PeopleSoft Enterprise Learning Management.

<b>Event Name</b>	<i>RTPIOUTB</i>
<b>Event Description</b>	<i>F060116 Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500881B: Person Information RTE Notification B Structure</i>
<b>Relationship</b>	Included in container event RTPIOUT.

## Event Fields

The RTPIOUTB event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
SEX	cGender	Char	1	Gender (Male/Female)
IFN	cFirstNameInitial	Char	1	Initial - First Name (Govt Rpts)
DOB	jdDateOfBirth	Date	6	Date - Birth
CCPR	szCountryCode	String	3	Country Code

## Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060116 table only, from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTPIOUT event is a container event activated within the employee master business function and contains a specific subset of columns, the specific columns from the employee master for the Enterprise message PERSON\_BASIC\_SYNC, from the modified employee master record (F060116) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116 and F060117) is modified, the corresponding record from the other table is automatically fetched and included in the container.

## Objects that Can Initiate the Event

These objects can initiate the RTPIOUTB event:

- B0500575 - Employee Master Business Function
- B0500881 - Person Information RTE Notification

## RTPIOUTC

RTPIOUTC is a realtime event notification used by the JD Edwards EnterpriseOne system to notify external systems of changes to employee master records (F060117). This message is similar to the message issued by RTEMOUTC and is required for integration with PeopleSoft Enterprise Learning Management from Oracle.

<b>Event Name</b>	<i>RTPIOUTC</i>
<b>Event Description</b>	<i>F060117 Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500881C: Person Information RTE Notification C Structure</i>
<b>Relationship</b>	Included in container event RTPIOUT.

### Event Fields

The RTPIOUTC event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Number	8	Address Number
LNGP	szLanguage	String	2	Language
SALU	szSalutation	String	5	Salutation
SUFF	szSuffix	String	5	Suffix
PRNM	szPreferredName	String	20	Preferred Name

### Conceptual Approach

When a user adds, modifies, or deletes employee master data, F060117 table only, from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTPIOUT event is a container event activated within the employee master business function and contains a specific subset of columns, the specific columns from the employee master for the Enterprise message PERSON\_BASIC\_SYNC, from the modified employee master record (F060117) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F060116 and F060117) is modified the corresponding record from the other table is automatically fetched and included in the container.

## Objects that Can Initiate the Event

These objects can initiate the RTPIOUTC event:

- B0500575 - Employee Master Business Function
- B0500881 - Person Information RTE Notification

## Equipment

This section discusses the realtime events generated by the Equipment system.

### RTEQPOUT

RTEQPOUT is a container event that is generated by the JD Edwards EnterpriseOne system to provide equipment information.

<b>Event Name</b>	<i>RTEQPOUT</i>
<b>Event Description</b>	<i>Equipment</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTEQPHDR (D1702940 ).
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the realtime event that is contained by this event for information about the fields, conceptual approach, and processes that can initiate this event.

### RTEQPHDR

RTEQPHDR is a single event that is generated by the JD Edwards EnterpriseOne system to provide equipment information.

<b>Event Name</b>	<i>RTEQPHDR</i>
<b>Event Description</b>	<i>Equipment Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>

**Delivery Timeout Threshold**                    0

**Data Structure**                    *D1702940*: Equipment Real Time Template

**Event Relationship**                Included in container event RTEQPOUT.

### Event Fields

The RTEQPHDR event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cEventNotificationActionCode	Char	1	Action Code
NUMB	mnF1201NUMB	Numeric	8	Asset Item Number
CO	szF1201CO	String	5	Company
APID	szF1201APID	String	12	Unit or Tag Number
AAID	mnF1201AAID	Numeric	8	Parent Number
ASID	szF1201ASID	String	25	Serial Number
SEQ	mnF1201SEQ	Numeric	6,6	Sequence Number
ACL1	szF1201ACL1	String	3	Major Accounting Class
ACL2	szF1201ACL2	String	3	Major Equipment Class
ACL3	szF1201ACL3	String	3	Manufacturer
ACL5	szF1201ACL5	String	3	Usage Miles or Hours
ACL4	szF1201ACL4	String	3	Model Year
MCU	szF1201MCU	String	12	Business Unit
DL01	szF1201DL01	String	30	Description
DL02	szF1201DL02	String	30	Description 02
DL03	szF1201DL03	String	30	Description 03
DSCC	szF1201DSCC	String	40	Description - Compressed
DAJ	jdF1201DAJ	Date	6	Date - Acquired
DSP	jdF1201DSP	Date	6	Date - Disposed or Retired
EQST	szF1201EQST	String	2	Equipment Status
NORU	cF1201NORU	Char	1	New or Used on Acquisition

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AESV	mnF1201AESV	Numeric	15,15[2]	Amount - Estimated Salvage Value
ARPC	mnF1201ARPC	Numeric	15,15[2]	Amount - Replacement Cost
ALRC	mnF1201ALRC	Numeric	15.15[2]	Amount - Last Years Replacement Cost
AMCU	szF1201AMCU	String	12	Asset Cost Account - Business Unit
AOBJ	szF1201AOBJ	String	6	Asset Cost Account - Object
ASUB	szF1201ASUB	String	8	Asset Cost Account - Subsidiary
DMCU	szF1201DMCU	String	12	Accumulated Depreciation Account - BU
DOBJ	szF1201DOBJ	String	6	Accumulated Depreciation Account - Object
DSUB	szF1201DSUB	String	8	Accumulated Depreciation Account - Sub
XMCU	szF1201XMCU	String	12	Depreciation Expense - BU
XOBJ	szF1201XOBJ	String	6	Depreciation Expense - Object
XSUB	szF1201XSUB	String	8	Depreciation Expense - Subsidiary
ROBJ	szF1201ROBJ	String	6	Asset Revenue - Object
RMCU	szF1201RMCU	String	12	Asset Revenue - Business Unit
RSUB	szF1201RSUB	String	8	Asset Revenue - Subsidiary
ARCQ	mnF1201ARCQ	Numeric	15,15[2]	Asset Item Current Quantity
AROQ	mnF1201AROQ	Numeric	15,15[2]	Asset Item Original Quantity
TXJS	mnF1201TXJS	Numeric	8	Tax Entity
AITY	mnF1201AITY	Numeric	15,15[2]	Amount - Investment Tax Credit
AITP	mnF1201AITP	Numeric	15,15[2]	Amount - Investment Tax Credit PYE
FINC	cF1201FINC	Char	1	Financing Method
ITCO	cF1201ITCO	Char	1	ITC Owned - (Y/N)

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PURO	cF1201PURO	Char	1	Purchase Option
APUR	mnF1201APUR	Numeric	15,15[2]	Amount - Purchase Option Price
PURP	mnF1201PURP	Numeric	3,3[3]	Purchase Option Credit Percentage
APOM	mnF1201APOM	Numeric	15,15[2]	Amount - Purchase Option Maximum Credit
LANO	mnF1201LANO	Numeric	8	Address Number - Lessor/Rentor/Mortgagor
JCD	jdF1201JCD	Date	6	Date - Contract Date
DEXJ	jdF1201DEXJ	Date	6	Date - Expired (Julian)
AMF	mnF1201AMF	Numeric	15,15[2]	Amount - Monthly Payment
RMK	szF1201RMK	String	30	Name - Remark
RMK2	szF1201RMK2	String	30	Name - Remark
INSP	szF1201INSP	String	25	Insurance Policy Number
INSC	szF1201INSC	String	25	Insurance Company
INSM	mnF1201INSM	Numeric	2	Policy Renewal Month
INSA	mnF1201INSA	Numeric	15,15[2]	Amount - Insurance Premium
AIV	mnF1201AIV	Numeric	15,15[2]	Amount - Insurance Value
INSI	mnF1201INSI	Numeric	7,7	Insurance Value Index (future use)
USER	szF1201USER	String	10	User ID
LCT	jdF1201LCT	Date	6	Date - Last Changed
LOC	szF1201LOC	String	12	Business Unit - Location
ADDS	szF1201ADDS	String	3	State
PID	szF1201PID	String	10	Program ID
EFTB	jdF1201EFTB	Date	6	Date - Beginning Effective
DER	jdF1201DER	Date	6	Date - Expected Return
MSGA	cF1201MSGA	Char	1	Action - Message Control

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
EX	szF1201EX	String	30	Name - Explanation
EXR	szF1201EXR	String	30	Name - Remark Explanation
AN8	mnF1201AN8	Numeric	8	Address Number
ACL6	szF1201ACL6	String	3	Category Code - F/A 6
ACL7	szF1201ACL7	String	3	Category Code - F/A 7
ACL8	szF1201ACL8	String	3	Category Code - F/A 8
ACL9	szF1201ACL9	String	3	Category Code - F/A 9
ACL0	szF1201ACL0	String	3	Category Code - F/A 10 (Rate Group)
SFC	mnF1201SFC	Numeric	15,15[2]	Standard Fuel Consumption
DADC	szF1201DADC	String	12	Disposal Accumulated Depreciation - BU
DADO	szF1201DADO	String	6	Disposal Accumulated Depreciation - Obj
DADS	szF1201DADS	String	8	Disposal Accumulated Depreciation - Sub
UNIT	szF1201UNIT	String	8	Unit
KIT	mnF1201KIT	Numeric	8	Parent (short) Item Number
KITL	szF1201KITL	String	25	Kit - 2nd Item Number
AFE	szF1201AFE	String	12	AFE Number
JBCD	szF1201JBCD	String	6	Job Type (Craft) Code
JBST	szF1201JBST	String	4	Job Step
UN	szF1201UN	String	6	Union Code
SBLI	cF1201SBLI	Char	1	Subledger Inactive Code
UPMJ	jdF1201UPMJ	Date	6	Date - Updated
JOBN	szF1201JOBN	String	10	Work Station ID
UPMT	mnF1201UPMT	Numeric	6	Time - Last Updated
FA0	szF1201FA0	String	3	Category Code - F/A 20

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
FA1	szF1201FA1	String	3	Category Code - F/A 11
FA2	szF1201FA2	String	3	Category Code - F/A 12
FA3	szF1201FA3	String	3	Category Code - F/A 13
FA4	szF1201FA4	String	3	Category Code - F/A 14
FA5	szF1201FA5	String	3	Category Code - F/A 15
FA6	szF1201FA6	String	3	Category Code - F/A 16
FA7	szF1201FA7	String	3	Category Code - F/A 17
FA8	szF1201FA8	String	3	Category Code - F/A 18
FA9	szF1201FA9	String	3	Category Code - F/A 19
FA21	szF1201FA21	String	10	Category Code - F/A 21
FA22	szF1201FA22	String	10	Category Code - F/A 22
FA23	szF1201FA23	String	10	Category Code - F/A 23
WOYN	cF1201WOYN	Char	1	Allow Work Order (Y/N)
CRTL	mnF1201CRTL	Numeric	2	Criticality
WRFL	cF1201WRFL	Char	1	Warranty Flag
WARJ	jdF1201WARJ	Date	6	Date - Warranty Expiration (Julian)
CTR	szF1217CTR	String	3	Country
COOWN	cF1217COOWN	Char	1	Company Owned
MMCU	szF1217MMCU	String	12	Branch
DOCO	mnF1217DOCO	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szF1217DCTO	String	2	Order Type
KCOO	szF1217KCOO	String	5	Order Company (Order Number)
LNID	mnF1217LNID	Numeric	6,6[3]	Line Number
ORDJ	jdF1217ORDJ	Date	6	Date - Ordered (Julian)
SHPJ	jdF1217SHPJ	Date	6	Date - Shipped (Julian)

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ADDJ	jdF1217ADDJ	Date	6	Date - Actual Ship Date
SHAN	mnF1217SHAN	Numeric	8	Address Number - Ship To
PA8	mnF1217PA8	Numeric	8	Address Number - Parent
SLSM	mnF1217SLSM	Numeric	8	Salesperson 01
ANOB	mnF1217ANOB	Numeric	8	Address Number - Owner Billing
RORN	szF1217RORN	String	8	Related PO/SO/WO Number
RCTO	szF1217RCTO	String	2	Related PO/SO/WO Order Type
STRX	jdF1217STRX	Date	6	Date - Completion (Julian)
VEND	mnF1217VEND	Numeric	8	Primary / Last Supplier Number
OORN	szF1217OORN	String	8	Original Order Number
OCTO	szF1217OCTO	String	2	Original Order Type
OKCO	szF1217OKCO	String	5	Document Company (Original Order)
SFXO	szF1217SFXO	String	3	Order Suffix
OGNO	mnF1217OGNO	Numeric	7,7[3]	Original Line Number
PRODF	szF1217PRODF	String	8	Product Family
PRODM	szF1217PRODM	String	8	Product Model
PRODC	szF1217PRODC	String	10	Product Component
CMOD	szF1217CMOD	String	25	Configured Model
SYEM	szF1217SYEM	String	36	Install Key
VINNU	szF1217VINNU	String	30	Vehicle Identification Number
REFN	szF1217REFN	String	30	Reference Number
ZE01	szF1217ZE01	String	10	Category Code - Equipment 01
ZE02	szF1217ZE02	String	10	Category Code - Equipment 02
ZE03	szF1217ZE03	String	10	Category Code - Equipment 03
ZE04	szF1217ZE04	String	10	Category Code - Equipment 04
ZE05	szF1217ZE05	String	10	Category Code - Equipment 05

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ZE06	szF1217ZE06	String	10	Category Code - Equipment 06
ZE07	szF1217ZE07	String	10	Category Code - Equipment 07
ZE08	szF1217ZE08	String	10	Category Code - Equipment 08
ZE09	szF1217ZE09	String	10	Category Code - Equipment 09
ZE10	szF1217ZE10	String	10	Category Code - Equipment 10
URCD	szF1217URCD	String	2	User Reserved Code
URDT	jdF1217URDT	Date	6	User Reserved Date
URAT	mnF1217URAT	Numeric	15,15[2]	User Reserved Amount
URAB	mnF1217URAB	Numeric	8	User Reserved Number
URRF	szF1217URRF	String	15	User Reserved Reference
CRTU	szF1217CRTU	String	10	Created by user
USER	szF1217USER	String	10	User ID
PID	szF1217PID	String	10	Program ID
JOBN	szF1217JOBN	String	10	Work Station ID
UPMJ	jdF1217UPMJ	Date	6	Date - Updated
UPMT	mnF1217UPMT	Numeric	6	Time - Last Updated
LOTN	szF1217LOTN	String	30	Lot/Serial Number
LOCN	szF1217LOCN	String	20	Location
WOD	mnF1217WOD	Numeric	8	Work Order Number
BREV	szF1217BREV	String	3	Bill Revision Level
EFFF	jdF1217EFFF	Date	6	Effective - From Date
AN8DL	mnF1217AN8DL	Numeric	8	Default Dealer
TERMYN	cF1217TERMYN	Char	1	Terms Accepted Flag
SATYP	szF1217SATYP	String	3	Sales Type
AN8AS	mnF1217AN8AS	Numeric	8	Assessor Number
INSDTE	jdF1217INSDTE	Date	6	In Service Date

Data Item / Alias	Structure Member Name	Data Type	Size	Description
MCU	szF1217MCU	String	12	Business Unit
MRRYN	cF1217MRRYN	Char	1	Meter Reading Required
REGSTS	szF1217REGSTS	String	3	Registration Status
VMRS31	szF1217VMRS31	String	2	Component Code - System
VMRS32	szF1217VMRS32	String	8	Component Code - Assembly
VMRS34	szF1217VMRS34	String	10	Manufacturer
AN8DR	mnF1217AN8DR	Numeric	8	Distributor
EQPN	mnF1217EQPN	Numeric	8	Equipment Parts Number

### Conceptual Approach

An equipment record added, modified or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Asset Master File table (F1201) and the Equipment Master Extension table (F1217).

### Objects that Can Initiate the Event

These objects can initiate the RTEQPHDR event:

- N120010 - F1201 Process Master Data
- N120090 - F1217 Process Master Data

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## Financials

This section discusses the realtime events generated by the Financial Management system.

### RTAMOUT

RTAMOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems of item additions, changes, or deletions of accounts in order to keep the two systems synchronized.

<b>Event Name</b>	<i>RTAMOUT</i>
<b>Event Description</b>	<i>RTAMOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H09</i>
<b>Reliable Delivery</b>	<i>1</i>

**Delivery Timeout Threshold**                    0

**Data Structure**                                    *D0900170B*: GL Account Real Time Event Notification Outbound Data

### Event Fields

The RTAMOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
EV01	cEventAction	Char	1	JD Edwards EnterpriseOne Event Point 01
CO	szCompany	String	5	Company
AID	szAccountId	String	8	Account ID
MCU	szBusinessUnit	String	12	Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
DL01	szDescription	String	30	Description
PEC	cPostingEditCode	Char	1	Posting Edit
LNGP	szLanguageCode	String	2	Language
DL01	szAlternateDescription	String	30	Description
EV01	cFutureUseFlag	Char	1	J.D. JD Edwards EnterpriseOne Event Point 01
INT01	nFutureUseInteger	Integer	4	Integer 01 - JD Edwards EnterpriseOne
MATH01	mnFutureUseMathNumeric	Numeric	15	Math Numeric 01
VC30A	szFutureUseString	String	30	Video Constant A - length 30
ANS	szAccountNumber3rd	String	25	Account Number - 3rd
LDA	cLevelOfDetailAcctCode	Char	1	Account Level of Detail
BPC	szBudgetPatternCode	String	3	Budget Pattern Code
BILL	vBillableYN	Char	1	Billable (Y/N)
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From
UM	UnitOfMeasure	String	2	Unit of Measure

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
R001	szCategoryCodeGl001	String	3	Category Code G/L1
R002	szCategoryCodeGl002	String	3	Category Code - G/L2
R003	szCategoryCodeGl003	String	3	Category Code G/L3
R004	szCategoryCodeGl004	String	3	Category Code G/L4
R005	szCategoryCodeGl005	String	3	Category Code G/L5
R006	szCategoryCodeGl006	String	3	Category Code G/L6
R007	szCategoryCodeGl007	String	3	Category Code G/L7
R008	szCategoryCodeGl008	String	3	Category Code G/L8
R009	szCategoryCodeGl009	String	3	Category Code G/L9
R010	szCategoryCodeGl010	String	3	Category Code G/L10
R011	szCategoryCodeGl011	String	3	Category Code G/L11
R012	szCategoryCodeGl012	String	3	Category Code G/L12
R013	szCategoryCodeGl013	String	3	Category Code G/L13
R014	szCategoryCodeGl014	String	3	Category Code G/L14
R015	szCategoryCodeGl015	String	3	Category Code G/L15
R016	szCategoryCodeGl016	String	3	Category Code G/L16
R017	szCategoryCodeGl017	String	3	Category Code G/L17
R018	szCategoryCodeGl018	String	3	Category Code G/L18
R019	szCategoryCodeGl019	String	3	Category Code G/L19
R020	szCategoryCodeGl020	String	3	Category Code G/L20
R021	szCategoryCodeGl021	String	10	Category Code G/L 021
R022	szCategoryCodeGl022	String	10	Category Code G/L 022
R023	szCategoryCodeGl023	String	10	Category Code G/L 023
OBJA	szObjectAccountAlternate	String	6	Object Account - Alternate
SUBA	szSubsidiaryAlternate	String	8	Subsidiary - Alternate
WCMP	szWorkersCompInsurCode	String	4	Worker's Comp. Insurance Code

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CCT	cMethodOfComputation	Char	1	Method of Computation
ERC	szEquipmentRateCode	String	2	Equipment Rate Code
HTC	cHeaderTypeCode	Char	1	Header Type Code
QLDA	cLodQuantityRollupCode	Char	1	Quantity Roll-Up Level
CCC	cCostCodeComplete	Char	1	Cost Code Complete (Y/N)
FMOD	cModelAccountsandConsolid	Char	1	Model Accounts and Consolidation
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time - Last Updated
CEC1	cCostObjectEditCode01	Char	1	Cost Object Edit Code 01
CEC2	cCostObjectEditCode02	Char	1	Cost Object Edit Code 02
CEC3	cCostObjectEditCode03	Char	1	Cost Object Edit Code 03
CEC4	cCostObjectEditCode04	Char	1	Cost Object Edit Code 04
IEC	cItemEditCode	Char	1	Item Edit Code
FPEC	cFixeddAssetPostingEditCode	Char	1	Fixed Asset Posting Edit Code
STPC	cTypeCode9	Char	1	Type Code
TXGL	cGLAccountTaxable	Char	1	GL Account Taxable Flag
TOBJ	szTargetObjectAccount	String	6	Target Object Account
TSUB	szTargetSubsidiary	String	8	Target Subsidiary
PRGF	cPurgeFlag	Char	1	Purge Flag
TXA1	szTaxArea1	String	10	Tax Rate/Area
R024	szCategoryCodeGl024	String	10	Category Code G/L 024
R025	szCategoryCodeGl025	String	10	Category Code G/L 025
R026	szCategoryCodeGl026	String	10	Category Code G/L 026

Data Item / Alias	Structure Member Name	Data Type	Size	Description
R027	szCategoryCodeGl027	String	10	Category Code G/L 027
R028	szCategoryCodeGl028	String	10	Category Code G/L 028
R029	szCategoryCodeGl029	String	10	Category Code G/L 029
R030	szCategoryCodeGl030	String	10	Category Code G/L 030
R031	szCategoryCodeGl031	String	10	Category Code G/L 031
R032	szCategoryCodeGl032	String	10	Category Code G/L 032
R033	szCategoryCodeGl033	String	10	Category Code G/L 033
R034	szCategoryCodeGl034	String	10	Category Code G/L 034
R035	szCategoryCodeGl035	String	10	Category Code G/L 035
R036	szCategoryCodeGl036	String	10	Category Code G/L 036
R037	szCategoryCodeGl037	String	10	Category Code G/L 037
R038	szCategoryCodeGl038	String	10	Category Code G/L 038
R039	szCategoryCodeGl039	String	10	Category Code G/L 039
R040	szCategoryCodeGl040	String	10	Category Code G/L 040
R041	szCategoryCodeGl041	String	10	Category Code G/L 041
R042	szCategoryCodeGl042	String	10	Category Code G/L 042
R043	szCategoryCodeGl043	String	10	Category Code G/L 043

## Conceptual Approach

A new general ledger account added in the JD Edwards EnterpriseOne system creates a new record in the Account Master (F0901) table. The user can create an alternate description for this account by language preference that is stored in the Account Master - Alternate Description (F0901D) table. If an account is added or modified in a system, the information is sent to a third-party system for add or update. If an account is deleted, the pertinent information is sent to the third-party, which will take the appropriate action. If applicable, the third-party integration must update the cross-reference table in the process in order to tie together the key values from both systems.

## Objects that Can Initiate the Event

These objects can initiate the RTAMOUT event:

- P0901 - Accounts
- R0006QD - Update F0901 as Model Base on Table F0006
- R09803 - Global Account Number Update

- R09805 - Global Subsidiary Update
- R09813 - Change Account Information
- R09814 - Delete Account Master Records
- R10861 - Delete Prior Consolidation
- B0900053 - Duplicate Business Unit
- B0900073 - Dynamic Account Creation
- B0900075 - F0901D Update Account Translation
- B0900077 - F0901D Edit Account Translation
- B0900155 - Delete Account F0901/F0901D/F0902/F0911 Records
- B1400009 - Global Budget Pattern Code Update

## RTCROUT

RTCROUT is used by the JD Edwards EnterpriseOne system to notify third-party systems of currency exchange rate additions, changes, or deletions.

**Event Name** *RTCROUT*

**Event Description** *RTCROUT*

**Event Type** *RTE*

**Event Category** *SINGLE*

**Product Code** *H09*

**Reliable Delivery** *1*

**Delivery Timeout Threshold** *0*

**Data Structure** *D0900200B: Currency Exchange Rates Real Time Event Notification - B*

### Event Fields

The RTCROUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
CRCD	szCurrencyCodeFrom	String	3	Currency Code From
CRDC	szCurrencyCodeTo	String	3	Currency Code To
AN8	mnAddressNumber	Numeric	8	Address Number
RTTYP	szCurrencyRateType	String	2	Currency Rate Type
EFT	jdDateEffective	Date	6	Date Effective

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CLMETH	cCalculationMethod	Char	1	Calculation Method
CRCM	cCurrencyConversionMethod	Char	1	Currency Conversion Method Y/Z
TRCR	szTriangulationCurrency	Char	3	Triangulation Currency Code
CRR	mnCurrencyConverRateMultOv	Numeric	15[7]	Currency Conversion Rate - Multiplier
CRRD	mnCurrencyConverRateDiv	Numeric	15[7]	Currency Conversion Rate - Divisor
CSR	cCurrencySpotRate	Char	1	Currency Spot Rate Flag
USER	szUserID	String	10	User ID
PID	szProgramID	String	10	Program ID
JOBN	szWorkStationID	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated

## Conceptual Approach

When a user adds, modifies, or deletes a currency exchange rate in the JD Edwards EnterpriseOne system, the system updates the Currency Exchange Rate table (F0015) and publishes the RTCROUT event to the WSG system. This event contains all columns from the modified currency exchange rate record and an action code specifying what action was performed on the data (add, change, or delete).

## Objects that Can Initiate the Event

These objects can initiate the RTCROUT event:

- F0015 - Currency Exchange Rates table trigger
- P0015A - Currency Exchange Rates
- R11153 - Calculate Currency Cross Rate
- B0900200 - Currency Exchange Rates Real Time Event Notification

## RTRAOUT

RTRAOUT is a container event that provides AP Payment Remittance information to third-party system. RTRAOUT is an aggregate event that contains these single events:

RTRAHDR - contains AP Payment Remittance Advice header information that can be used by another system.

RTRADTL - contains AP Payment Remittance Advice detail information that can be used by another system.

**Event Name** *RTRAOUT*

<b>Event Description</b>	<i>RTRAOUT Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for: <ul style="list-style-type: none"> <li>• RTRAHDR (D0400169A)</li> <li>• RTRADTL (D0400169B)</li> </ul>
<b>Product Code</b>	<i>04</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the appropriate realtime events that are contained by this event for information about the event fields.

### Conceptual Approach

An payment made in the JD Edwards EnterpriseOne system updates new records in the Accounts Payable - Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables. A realtime notification event is triggered in the payments system after this payment is made in JD Edwards EnterpriseOne tables.

The Send Method field (A6CRMD) in the Supplier Master (F0401) table controls whether JD Edwards EnterpriseOne sends a RemittanceAdviceNotify realtime event notification when RTRAOUT is enabled. A realtime event notification is sent only if the supplier has a value of 5 in the Send Method field.

### Objects that Can Initiate the Event

These objects can initiate the RTRAOUT event:

- B0400016 - A/P Payments Master Business Function
- B0400169 - Remittance Advice Real-Time Event Notification
- B0400047 - Voucher Entry Master Business Function
- P0413M - A/P Manual Payments
- N0400061 - Remittance Advice Notification For Manual Payments

### Special Setup

Suppliers who want to receive remittance advice notification must be set up to receive external events. To receive external events, set Send Methods equal to 5 (External Events) on the EDI information tab in the Supplier Master program (P04012).

## RTRAHDR

RTRAHDR is a single event that contains payment remittance advice header information that can be used by another system.

<b>Event Name</b>	<i>RTRAHDR</i>
<b>Event Description</b>	<i>RA Header</i>

<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>04</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0400169A: Remittance Advice - Header</i>
<b>Event Relationship</b>	Included in container event RTRAOUT.

### Event Fields

The RTRAHDR event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PYID	mnPaymentID	Numeric	15	Payment
AN8	mnBillTo	Numeric	8	Bill To
ALKY	szBillToDescriptive	String	20	Bill To Descriptive
PA8	mnParentPayee	Numeric	8	Parent Payee
ALKY	szParentPayeeDescriptive	String	20	Parent Payee Descriptive
AN8	mnPayee	String	8	Payee
ALKY	szPayeeDescriptive	String	20	Payee Descriptive
CRCO	szCurrencyCode	String	3	Currency Code
PAAP	mnTotalPaymentAmount	Numeric	15	Total Payment Amount
ADSA	mnTotalDiscountAmount	Numeric	15	Total Discount Amount
DGJ	jdPaymentDate	Date	6	Payment Date
DOCM	mnCheckNumber	Numeric	8	Check Number
CBNK	szFromAccountNumber	String	20	From Bank Account Number
TSNT	szFromTransitNumber	String	20	From Transit Number
PYIN	cPaymentInstrument	String	1	Payment Instrument
CBNK	szToAccountNumber	String	20	To Bank Account Number
TSNT	szToTransitNumber	String	20	To Transit Number

## Conceptual Approach

A payment made in the JD Edwards EnterpriseOne system updates new records in the Accounts Payable - Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables. A realtime notification event is triggered in the payments system after payment is made in JD Edwards EnterpriseOne tables.

## Objects that Can Initiate the Event

These objects can initiate the RTRAHDR event:

- B0400016 - A/P Payments Master Business Function
- B0400169 - Remittance Advice Real-Time Event Notification
- B0400047 - Voucher Entry Master Business Function
- P0413M - A/P Manual Payments
- N0400061 - Remittance Advice Notification For Manual Payments

## RTRADTL

RTRADTL is a single event that contains payment remittance advice detail information that can be used by another system.

<b>Event Name</b>	<i>RTRADTL</i>
<b>Event Description</b>	<i>RA Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>04</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0400169B: Remittance Advice - Detail</i>
<b>Event Relationship</b>	Included in container event RTRAOUT.

## Event Fields

The RTRADTL event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PYID	mnPaymentID	Numeric	15	Payment ID
RC5	mnPaymentLineNumber	Numeric	5	Payment Line Number
VINV	szSupplierInvoiceNumber	String	25	Supplier Invoice Number
RMK	szRemark	String	30	Remark

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DOC	mnDocumentNumber	Numeric	8	Document Number
DCT	szDocumentType	String	2	Document Type
KCO	szDocumentCompany	String	5	Document Co.
PAAP	mnPaymentAmount	Numeric	15	Payment Amount
ADSA	mnDiscountAmount	Numeric	15	Discount Amount
DGJ	jdInvoiceDate	Date	6	Date - For G/L (and Voucher) - Julian
MCU	szBranchPlant	Char	12	Business Unit

### Conceptual Approach

A payment made in the JD Edwards EnterpriseOne system updates new records in the Accounts Payable - Matching Document (F0413) and Accounts Payable Matching Document Detail (F0414) tables. A detailed realtime notification event is triggered in the payments system after a payment is made in JD Edwards EnterpriseOne tables.

### Objects that Can Initiate the Event

These objects can initiate the RTRADTL event:

- B0400016 - A/P Payments Master Business Function
- B0400169 - Remittance Advice Real Time Event Notification
- B0400047 - Voucher Entry Master Business Function
- P0413M - A/P Manual Payments
- N0400061 - Remittance Advice Notification For Manual Payments

### RTDAOUT

RTDAOUT is used by the JD Edwards EnterpriseOne system to provide Accounts Receivable deduction information to third-party systems.

<b>Event Name</b>	<i>RTDAOUT</i>
<b>Event Description</b>	<i>RTDAOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for: RTDADTL (D03B0208B)
<b>Product Code</b>	<i>H03B</i>
<b>Reliable Delivery</b>	<i>1</i>

**Delivery Timeout Threshold**                    *0*

Please see the realtime event that is contained by this event for information about the event fields.

## Conceptual Approach

Deduction processing creates a new record in the A/R Deduction Management table (F03B40). The R45730 program is run to select the appropriate deduction records and to trigger a realtime notification for the WSG integration. The WSG integration then publishes a notify event indicating that deductions were created in the A/R Deduction Management table. This event contains the recently selected deduction and its pertinent information.

## Objects that Can Initiate the Event

Extract and Export Open Siebel Deductions (R45730) calls the realtime event wrapper, Deductions Activity Real Time Event Notification (B03B0208), to initiate the realtime event.

## RTDADTL

RTDADTL is used by the JD Edwards EnterpriseOne system to provide Accounts Receivable deduction information to third-party systems.

**Event Name**                                    *RTDADTL*  
**Event Description**                         *RTDADTL*  
**Event Type**                                    *RTE*  
**Event Category**                             *SINGLE*  
**Product Code**                                *H03B*  
**Reliable Delivery**                           *1*  
**Delivery Timeout Threshold**             *0*  
**Data Structure**                               *D03B0208B: Deductions Activity Record*  
**Event Relationship**                         Included in container event RTDAOUT.

## Event Fields

The RTDADTL event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DCID	DeductionId	Numeric	15	Deduction ID of record
DDDO	Deduction Opened Date	Date	6	Deduction Opened Date
DDOA	Deduction Open Amount	Numeric	15	Deduction Open Amount
CRCD	Currency Code	String	3	Currency Code

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN8	Address Book Number	Numeric	8	Address Book Number
DDEX	Deduction Reason Code	String	2	Deduction Reason Code
SPHD	Special Handling Reason Code	String	10	Special Handling Code - User Def Codes
ACTN	cActionCode	Char	1	Action Code

## Conceptual Approach

Deduction processing creates a new record in the A/R Deduction Management table (F03B40). The R45730 program is run to select the appropriate deduction records and to trigger a realtime notification for the WSG integration. The WSG integration then publishes a notify event indicating that deductions were created in the A/R Deduction Management table. This event contains the recently selected deduction and its pertinent information.

## Objects that Can Initiate the Event

Extract and Export Open Siebel Deductions (R45730) calls the realtime event wrapper, Deductions Activity Real Time Event Notification (B03B0208), to initiate the realtime event.

## RTBJESOUT

RTBJESOUT is used by the JD Edwards EnterpriseOne system to notify third-party systems of the status of batch journal entries being processed through the Journal Entry Batch Processor (R09110Z).

**Event Name** *RTBJESOUT*

**Event Description** *RTBJESOUT*

**Event Type** *RTE*

**Event Category** *SINGLE*

**Product Code** *00*

**Reliable Delivery** Blank

**Delivery Timeout Threshold** *0*

**Data Structure** *D0900210B: Batch Journal Entry Status RTE Notification Message*

## Event Fields

The RTBJESOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code  <b>Note.</b> For the integration with PeopleSoft Enterprise Treasury Management from Oracle, this field always contains a value of C.
EDUS	szEDIUserID	String	10	EDI - User ID
EDBT	szEDIBatchNumber	String	15	EDI - Batch Number
EDTN	szEDITransactionNumber	String	22	EDI - Transaction Number
R2	szReference2	String	8	Reference 2  <b>Note.</b> This field contains as many as eight characters of the business unit.
DL01	szEnterpriseAccountIDBatchID	String	30	Description
DOC	mnDocumentNumber	Numeric	8	Document (Voucher, Invoice, etc.)
DGJ	jdGLDate	Date	6	Date - For G/L (and Voucher) - Julian
EV01	cStatus	Char	1	J.D. PeopleSoft Enterprise Event Point 01  <b>Note.</b> This field contains a value of 2 if the batch journal entry contains errors, 1 if there are warnings, or 0 if there are no errors.

## Conceptual Approach

This event delivers a real time event notification of the status of batch journal entries being processed through the Journal Entry Batch Processor (R09110Z). The status indicates whether the journal entry document was created successfully. The reason for the failure is not included. The notification also includes the journal entry document number and general ledger date if the document is successfully added to the Account Ledger table (F0911).

## Objects that Can Initiate the Event

The B0900210 – Batch Journal Entry Status Real Time Event Notification business function can initiate the RTBJESOUT event.

## RTPOSTOUT

RTPOSTOUT is used by the JD Edwards EnterpriseOne system to notify third-party systems when a batch has been successfully posted to the Account Balances table (F0902).

<b>Event Name</b>	<i>RTPOSTOUT</i>
<b>Event Description</b>	<i>RTPOSTOUT</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>00</i>
<b>Reliable Delivery</b>	Blank
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0900220B: Journal Entry Post RTE Notification Message</i>

### Event Fields

The RTPOSTOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code <b>Note.</b> This field is hard-coded to a value of <i>C</i> for change.
ICU	mnBatchNumber	Numeric	8	Batch Number
ICUT	szBatchType	String	2	Batch Type
DL01	szEnterpriseAccountIDBatchID	String	30	Description <b>Note.</b> This field contains the concatenated account ID and batch ID from PeopleSoft Enterprise, separated by a pipe character ( ).
EV01	cStatus	Char	1	J.D PeopleSoft Enterprise Event Point 01 <b>Note.</b> This field is hard-coded to a value of <i>P</i> for posted.

### Conceptual Approach

This event delivers a real time event notification when a batch has been successfully posted to the Account Balances table (F0902) using the General Ledger Post program (R09801). The status indicates only that the batch of journal entries has been successfully posted. If the batch fails to post, this event is not generated.

### Objects that Can Initiate the Event

The B0900220 – Journal Entry Post Real Time Event Notification business function can initiate the RTPOSTOUT event.

## Human Resources

This section discusses the realtime events generated by the Human Resources system.

### RTSLOUT

RTSLHDR is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to competency scales records.

<b>Event Name</b>	<i>RTSLOUT</i>
<b>Event Description</b>	<i>Scales Real Time Event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for: <ul style="list-style-type: none"> <li>• RTSLHDR (D0500871B)</li> <li>• RTSLOUT (D0500871C)</li> </ul>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the related single events for lists of event fields.

### Conceptual Approach

When a user adds, modifies, or deletes scales data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. This container event, RTSLOUT, contains two single events RTSLHDR and RTSLOUT.

### Objects that Can Initiate the Event

These objects can initiate the RTSLOUT event:

- P05103 - Scale Information
- B0500871 - Scales Real Time Event Notification

### RTSLHDR

RTSLHDR is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to competency scales header records (F05103).

<b>Event Name</b>	<i>RTSLHDR</i>
<b>Event Description</b>	<i>Scales Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>

<b>Product Code</b>	05
<b>Reliable Delivery</b>	1
<b>Delivery Timeout Threshold</b>	0
<b>Data Structure</b>	D0500871B: Scales Real Time Event Notification B Structure (F05103)
<b>Relationship</b>	Included in container event RTSLOUT.

## Event Fields

The RTSLHDR event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code
SCLE	szScale	String	10	Scale
SCLL	mnLowValue	Numeric	6	Low Value
SCLH	mnHighValue	Numeric	6	High Value
DL01	szDescription001	String	30	Description
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated

## Conceptual Approach

When a user adds, modifies, or deletes scales data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. This container event, RTSLOUT, contains two single events RTSLHDR and RTSLDL. The RTSLHDR event contains all columns from the modified scales header record (F05103) and an action code specifying what action was performed on the data (added, changed, deleted).

## Objects that Can Initiate the Event

These objects can initiate the RTSLHDR event:

- P05103 - Scale Information
- B0500871 - Scales Real Time Event Notification

## RTSLDTL

RTSLDTL is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to competency scales detail records (F05119).

<b>Event Name</b>	<i>RTSLDTL</i>
<b>Event Description</b>	<i>Scales Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0500871C: Scales Real Time Event Notification C Structure (F05119)</i>
<b>Relationship</b>	Included in container event RTSLOUT.

### Event Fields

The RTSLDTL event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
SCLE	szScale	String	10	Scale
SCLL	mnLowValue	Numeric	6	Low Value
SCLH	mnHighValue	Numeric	6	High Value
DL01	szDescription001	String	30	Description
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated

### Conceptual Approach

When a user adds, modifies, or deletes scales data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. The container event RTSLOUT contains two single events RTSLHDR and RTSLDTL. The RTSLDTL event contains all columns from the modified scales detail record (F05119) and an action code specifying what action was performed on the data.

## Objects that Can Initiate the Event

These objects can initiate the RTSLDTL event:

- P05103 - Scale Information
- B0500871 - Scales Real Time Event Notification

## RTRCOUT

RTRCOUT is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to resource competency header records.

<b>Event Name</b>	<i>RTRCOUT</i>
<b>Event Description</b>	<i>Resource Comp. Real Time Event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTRCHDR (D0500872B ).
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

## Conceptual Approach

When a user adds, modifies, or deletes resource competency data from the JD Edwards EnterpriseOne Human Resources system, the system publishes the RTRCOUT event to the WSG system. The container event RTRCOUT contains one single event RTRCHDR.

## Objects that Can Initiate the Event

These objects can initiate the RTCROUT event:

- F05100 - Resource Competency
- B0500872 - Resource Competency Real Time Event Notification

## RTRCHDR

RTRCHDR is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to resource competency header records (F05100).

<b>Event Name</b>	<i>RTRCHDR</i>
<b>Event Description</b>	<i>Resource Competency Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>

<b>Product Code</b>	05
<b>Reliable Delivery</b>	1
<b>Delivery Timeout Threshold</b>	0
<b>Data Structure</b>	D0500872B: Resource Competency Real Time Event Notification B Structure
<b>Relationship</b>	Included in container event RTRCOUT.

## Event Fields

The RTRCHDR event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
RRTY	szResourceType	String	2	Resource Type
AN8	mnAddressNumber	Numeric	8	Address Number
CMPE	szCompetencyType	String	3	Competency Type
CMPC	szCompetencyCode	String	10	Competency Code
CMPV	mnCompetencyLevel	Numeric	6	Competency Level
CMPX	jdExpirationDate	Date	6	Expiration Date
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated
ACTN	cActionCode	Char	1	Action Code

## Conceptual Approach

When a user adds, modifies, or deletes resource competency data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. The container event RTRCOUT contains one single event RTRCHDR. The RTRCHDR event contains all columns from the modified resource competency header record (F05100) and an action code specifying what action was performed on the data (added, changed, deleted). Current integrations do not require synchronization of detail data. However, realtime event business function (B0500872) has been designed to implement this functionality in the future if required.

## Objects that Can Initiate the Event

These objects can initiate the RTRCHDR event:

- F05100 - Resource Competency

- B0500872 - Resource Competency Real Time Event Notification

## RTCPOUT

RTCPOUTB is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to competency master records (F05104).

<b>Event Name</b>	<i>RTCPOUT</i>
<b>Event Description</b>	<i>Competency Real Time Event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTCPOUTB (D0500870B ).
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

When a user adds, modifies, or deletes competency master data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. The container event RTCPOUT contains one single event RTCPOUTB.

### Objects that Can Initiate the Event

These objects can initiate the RTCPOUT event:

- F05104 - Competency Master
- B0500870 - Competency Real Time Event Notification

## RTCPOUTB

RTCPOUTB is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to competency master records (F05104).

<b>Event Name</b>	<i>RTCPOUTB</i>
<b>Event Description</b>	<i>Competency Real Time Event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>05</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

**Data Structure** *D0500870B: Competency Real Time Event Notification Structure B*  
**Relationship** Included in container event RTCPOUT.

### Event Fields

The RTCPOUTB event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code
CMPE	szCompetencyType	String	3	Competency Type
CMPC	szCompetencyCode	String	10	Competency Code
CCLS	szCompetencyClass	String	10	Competency Class
DL01	szDescription001	String	30	Description
SCLE	szScale	String	10	Scale
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Workstation ID
UPMJ	jdDateUpdated	Date	6	Data Updated
UPMT	mnTimeLastUpdated	Numeric	6	Time Last Updated
ACCOMP	cAutoCalculateCompetency	Char	1	Auto Calculate Competency

### Conceptual Approach

When a user adds, modifies, or deletes competency master data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. The container event RTCPOUT contains one single event RTCPOUTB. The RTCPOUTB event contains all columns from the modified competency master record (F05104) and an action code specifying what action was performed on the data (added, changed, deleted).

### Objects that Can Initiate the Event

These objects can initiate the RTCPOUTB event:

- F05104 - Competency Master
- B0500870 - Competency Real Time Event Notification

### RTJBOUT

RTJBOUT is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to job information records (F08001).

<b>Event Name</b>	<i>RTJBOUT</i>
<b>Event Description</b>	<i>Jobs Real Time Event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTJBOUTB (D0800630B ).
<b>Product Code</b>	<i>08</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

When a user adds, modifies, or deletes job information data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. The container event RTJBOUT contains one single event RTJBOUTB.

### Objects that Can Initiate the Event

These objects can initiate the RTJBOUT event:

- P08001 - Job Entry and Evaluation
- P08JC - Category Codes Window
- P08001US - Job Entry U.S. Legislative/Regulatory Data
- P08001CA- Job Entry Canadian Legislative/Regulatory Data
- P050011 - Job Evaluation
- B0800630 - Jobs Real Time Event Notification

## RTJBOUTB

RTJBOUTB is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to job information records (F08001).

<b>Event Name</b>	<i>RTJBOUTB</i>
<b>Event Description</b>	<i>Jobs Real Time Event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>08</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0800630B: Jobs Real Time Event Notification Structure B</i>

**Relationship** Included in container event RTJBOUT.

### Event Fields

The RTJBOUTB event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code
JGRP	szJobGroup	String	6	Job Group
JBCD	szJobCategory	String	6	Job Type (Craft) Code
JBST	szJobStep	String	4	Job Step
DL01	szDescription001	String	30	Description
SALY	cPayClassHSP	Char	1	Pay Class (H/S/P)
PGRD	szPayGrade	String	6	Pay Grade
PFRQ	cPayFrequency	Char	1	Pay Frequency
EEOJ	szJobCategoryEeo	String	3	Job Category (EEO)
WCMP	szWorkersCompInsurCode	String	4	Worker's Comp. Insurance Code
WET	cFloatCode	Char	1	Sub Class - Workers Comp
FLSA	cFlsaExemptYN	Char	1	FLSA Exempt Y/N
DIVC	szBenefitGroup	String	6	Benefit Group
UN	szUnionCode	String	6	Union Code
EMET	szJobEvaluationMethod	String	4	Job Evaluation Method
EVD	jdDateJobEvaluationPoints	Date	6	Date - Job Evaluation (Julian)
EPNT	mnJobEvaluationPoints	Number	5	Job Evaluation Points
D001	mnEvalFactorDegrees001	Number	5	Job Evaluation Factor-Points in Degr 001
D002	mnEvalFactorDegrees002	Number	5	Job Evaluation Factor-Points in Degr 002
D003	mnEvalFactorDegrees003	Number	5	Job Evaluation Factor-Points in Degr 003
D004	mnEvalFactorDegrees004	Number	5	Job Evaluation Factor-Points in Degr 004

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
D005	mnEvalFactorDegrees005	Number	5	Job Evaluation Factor-Points in Degr 005
D006	mnEvalFactorDegrees006	Number	5	Job Evaluation Factor-Points in Degr 006
D007	mnEvalFactorDegrees007	Number	5	Job Evaluation Factor-Points in Degr 007
D008	mnEvalFactorDegrees008	Number	5	Job Evaluation Factor-Points in Degr 008
D009	mnEvalFactorDegrees009	Number	5	Job Evaluation Factor-Points in Degr 009
D010	mnEvalFactorDegrees010	Number	5	Job Evaluation Factor-Points in Degr 010
PT01	mnJobEvalFactorPnts001	Number	5	Job Evaluation Points per Factor 01
PT02	mnJobEvalFactorPnts002	Number	5	Job Evaluation Points per Factor 02
PT03	mnJobEvalFactorPnts003	Number	5	Job Evaluation Points per Factor 03
PT04	mnJobEvalFactorPnts004_2	Number	5	Job Evaluation Points per Factor 04
PT05	mnJobEvalFactorPnts005	Number	5	Job Evaluation Points per Factor 05
PT06	mnJobEvalFactorPnts006	Number	5	Job Evaluation Points per Factor 06
PT07	mnJobEvalFactorPnts007	Number	5	Job Evaluation Points per Factor 07
PT08	mnJobEvalFactorPnts008	Number	5	Job Evaluation Points per Factor 08
PT09	mnJobEvalFactorPnts009	Number	5	Job Evaluation Points per Factor 09
PT10	mnJobEvalFactorPnts010	Number	5	Job Evaluation Points per Factor 10
P001	szReportingCodesPayro001	String	3	Category Codes - Payroll1
P002	szReportingCodesPayro002	String	3	Category Codes - Payroll2
P003	szReportingCodesPayro003	String	3	Category Codes - Payroll3

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
P004	szReportingCodesPayro004	String	3	Category Codes - Payroll4
P005	szReportingCodesPayro005	String	3	Category Codes - Payroll5
P006	szReportingCodesPayro006	String	3	Category Codes - Payroll6
P007	szReportingCodesPayro007	String	3	Category Codes - Payroll7
P008	szReportingCodesPayro008	String	3	Category Codes - Payroll8
P009	szReportingCodesPayro009_2	String	3	Category Codes - Payroll9
P010	szReportingCodesPayro010	String	3	Category Codes - Payroll10
FE01	szFactorEvaluationCode01	String	10	Factor Evaluation Code 1
FE02	szFactorEvaluationCode02	String	10	Factor Evaluation Code 2
FE03	szFactorEvaluationCode03_2	String	10	Factor Evaluation Code 3
FE04	szFactorEvaluationCode04_2	String	10	Factor Evaluation Code 4
FE05	szFactorEvaluationCode05	String	10	Factor Evaluation Code 5
FE06	szFactorEvaluationCode06	String	10	Factor Evaluation Code 6
FE07	szFactorEvaluationCode07	String	10	Factor Evaluation Code 7
FE08	szFactorEvaluationCode08	String	10	Factor Evaluation Code 8
FE09	szFactorEvaluationCode09	String	10	Factor Evaluation Code 9
FE10	szFactorEvaluationCode010	String	10	Factor Evaluation Code 10
FW01	mnFactorWeightPercent01	Number	5	Factor Weight % 1
FW02	mnFactorWeightPercent02	Number	5	Factor Weight % 2
FW03	mnFactorWeightPercent03	Number	5	Factor Weight % 3
FW04	mnFactorWeightPercent04	Number	5	Factor Weight % 4
FW05	mnFactorWeightPercent05	Number	5	Factor Weight % 5
FW06	mnFactorWeightPercent06	Number	5	Factor Weight % 6
FW07	mnFactorWeightPercent07	Number	5	Factor Weight % 7
FW08	mnFactorWeightPercent08	Number	5	Factor Weight % 8
FW09	mnFactorWeightPercent09	Number	5	Factor Weight % 9

Data Item / Alias	Structure Member Name	Data Type	Size	Description
FW10	mnFactorWeightPercent10	Number	5	Factor Weight % 10
JSTA	szJobStatusCode	String	3	Job Status Code
EFTB	jdDateBeginningEffective	Date	6	Date - Beginning Effective
EFTE	jdDateEndingEffective	Date	6	Date - Ending Effective
USER	szUserID	String	10	User ID
PID	szProgramID	String	10	Program ID
JOBN	szWorkStationID	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
PGRS	szPayGradeStep	String	4	Job information
CENC	szNOCCanEmpEquity	String	4	NOC - Can Emp Equity
STCR	szStatusChangeReason	String	3	Status Change Reason

## Conceptual Approach

When a user adds, modifies, or deletes job information data from the JD Edwards EnterpriseOne Human Resources system, the system publishes an event to the WSG system. The container event RTJBOUT contains one single event RTJBOUTB. The RTJBOUTB event contains all columns from the modified job information record (F08001) and an action code specifying what action was performed on the data (added, changed, deleted).

## Objects that Can Initiate the Event

These objects can initiate the RTJBOUTB event:

- P08001 - Job Entry and Evaluation
- P08JC - Category Codes Window
- P08001US - Job Entry U.S. Legislative/Regulatory Data
- P08001CA- Job Entry Canadian Legislative/Regulatory Data
- P050011 - Job Evaluation
- B0800630 - Jobs Real Time Event Notification

## RTJDOUT

RTJDOUT is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to competency based job description records.

**Event Name** *RTJDOUT*

**Event Description** *Job Description RTE*

<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTJDOUTB (D0800740B).
<b>Product Code</b>	<i>08</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

When a user adds, modifies, or deletes competency based job description data in the JD Edwards EnterpriseOne Human Resources system and then runs R080025, Incremental Job Description Changes Outbound Integration program, the system publishes an event to the WSG system. The container event RTJDOUT contains one single event RTJDOUTB.

### Objects that Can Initiate the Event

The R080025 - Incremental Job Description Changes Outbound Integration object can initiate the RTJDOUT event.

## RTJDOUTB

RTJDOUTB is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to competency based job description records.

<b>Event Name</b>	<i>RTJDOUTB</i>
<b>Event Description</b>	<i>Job Description RTE</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>08</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0800740B: Competency Based Job Desc RTE Notify</i>
<b>Relationship</b>	Included in container event RTJDOUT.

### Event Fields

The RTJDOUTB event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code
OTPS	szOrganizationType	String	3	Organization Type
ORMCU	szOrganizationalBusinessUnit	String	12	Organizational Business Unit
JBCD	szJobType	String	6	Job Type
JBST	szJobStep	String	4	Job Step
JCC	szJobCompetencyCode	String	10	Job Competency Code
COPTN	szOptionNumber	String	3	Option Number
CMPE	szCompetencyType	String	3	Competency Type
CMPC	szCompetencyCode	String	10	Competency Code
LVWT	mnCompetencyLevelRuleWeight	Number	5	Competency Level Rule Weight
REQL	mnRequiredLevel	Number	6	Required Level
HIGHC	mnCompLevelAcceptableHigh	Number	6	Comp Level Acceptable High
LOWC	mnCompLevelAcceptableLow	Number	6	Comp Level Acceptable Low
RULEN	mnRuleNumber	Number	6	Rule Number
EFTB	jdEffectiveBeginDate	Date	6	Effective Begin Date
EFTE	jdEffectiveEndDate	Date	6	Effective End Date
PFMTH	cPreferredMethod	Char	1	Preferred Method
JCCS	szJobCompetencyCodeSource	String	63	Job Competency Code Source
OVREX	cOverridesExistFlag	Char	1	Overrides Exist Flag
INCLG	mnIncludeInGapFlag	Number	1	Include in Gap Flag
ACCOMP	cAutoCalculateCompetency	Char	1	Auto Calculate Competency
EFT	jdEffectiveDate	Date	6	Date - Effective

## Conceptual Approach

When a user adds, modifies, or deletes competency based job description data in the JD Edwards EnterpriseOne Human Resources system and then runs R080025, Incremental Job Description Changes Outbound Integration program, the system publishes an event to the WSG system. The container event RTJDOUT contains one single event RTJDOUTB. The RTJDOUTB event contains all columns from the modified competency based job description record and an action code specifying what action was performed on the data (added, changed, deleted).

## Objects that Can Initiate the Event

The R080025 - Incremental Job Description Changes Outbound Integration object can initiate the RTJDOUTB event.

## RTJBUOUT

RTJBUOUT is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to the organizational business unit/jobs cross reference (F0800601).

<b>Event Name</b>	<i>RTJBUOUT</i>
<b>Event Description</b>	<i>Jobs in Business Unit RTE</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTJBUOUTB (D0800770B).
<b>Product Code</b>	<i>08</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

## Conceptual Approach

When a user adds, modifies, or deletes organizational business unit/jobs cross reference data (F0800601) from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTJBUOUT event is a container event activated on the F0800601 table trigger and contains the single event RTJBUOUTB.

## Objects that Can Initiate the Event

These objects can initiate the RTJBUOUT event:

- F0800601 - Organizational Business Unit/Job Cross Reference table trigger
- B0800770 - Job in Business Unit Real Time Event Notification

## RTJBUOUTB

RTJBUOUTB is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to the organizational business unit/jobs cross reference (F0800601).

<b>Event Name</b>	<i>RTJBUOUTB</i>
<b>Event Description</b>	<i>Jobs in Business Unit RTE</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>08</i>
<b>Reliable Delivery</b>	<i>1</i>

**Delivery Timeout Threshold**                    0

**Data Structure**                            *D0800770B*: Data Structure for B0800770 RTE

**Relationship**                            Included in container event RTJBUOUT.

## Event Fields

The RTJBUOUTB event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode_ACTN	Char	1	Action Code
ORMCU	szOrgBusinessUnit_ORMCU	String	12	Organizational Business Unit
JBCD	szJobType_JBCD	String	6	Job Type (Craft) Code
JBST	szJobStep_JBST	String	4	Job Step
EFTB	jdDateBeginningEffective_EFTB	Date	6	Date - Beginning Effective
EFTE	jdDateEndingEffective_EFTE	Date	6	Date - Ending Effective
OTPS	szOrganizationType_OT	String	3	Organization Type Structure
PID	PS szProgramID_PID	String	10	Program ID
JOBN	szWorkStationID_JOBN	String	10	Workstation ID
UPMJ	jdDateUpdated_UPMJ	Date	6	Data - Updated
UPMT	mnTimeLastUpdated_UPMT	Number	6	Time - Last Updated

## Conceptual Approach

When a user adds, modifies, or deletes organizational business unit/jobs cross reference data (F0800601) from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTJBUOUT event is a container event activated on the F0800601 table trigger and contains the single event RTJBUOUTB. The RTJBUOUTB event contains all columns from the modified organizational business unit/jobs cross reference record (F0800601) and an action code specifying what action was performed on the data (added, changed, deleted).

## Objects that Can Initiate the Event

These objects can initiate the RTJBUOUTB event:

- F0800601 - Organizational Business Unit/Job Cross Reference table trigger
- B0800770 - Job in Business Unit Real Time Event Notification

## Inventory

This section discusses the realtime events generated by the Inventory Management system.

### RTIMOUT

RTIMOUT is used by the JD Edwards EnterpriseOne system to notify third-party systems of item additions, changes, or deletions in order to keep the two systems synchronized.

<b>Event Name</b>	<i>RTIMOUT</i>
<b>Event Description</b>	<i>Item Master Manage Notify</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTIMOUTA (D4102150B).
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

A new item master or item branch added in the JD Edwards EnterpriseOne system creates a new record in the Item Master (F4101) table or the Item Branch (F4102) table. A realtime notification event is triggered in the maintenance application after item master or item branch information is added to either table.

### Objects that Can Initiate the Event

These objects can initiate the RTIMOUT event:

- B4102150 - Item Master Real-Time Event Notify
- B4102151 - Item Master Real Time Event Notify 2
- N4101070 - Update Item Process Data
- B4100340 - Update Item Branch Item
- B4100290 - Insert Item Master Row
- N4101130 - Workflow Update Approved Item Master Change
- B4100840 - F4102 Update Item Branch Record
- P4101N - Non Stock Item Master
- R4101P - Item Master Purge (F4101)
- P4690 - Warehouse Speed Group Maintenance
- R4690 - Update Process and Item Dimens
- XT4111Z1 - Inventory Transactions

## RTIMOUTA

RTIMOUTA is used by the JD Edwards EnterpriseOne system to notify third-party systems of item additions, changes, or deletions in order to keep the two systems synchronized.

<b>Event Name</b>	<i>RTIMOUTA</i>
<b>Event Description</b>	<i>ItemMasterManageNotify Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4102150B: Item Master Real Time Event Notify Load Data</i>
<b>Relationship</b>	Included in container event RTIMOUT.

### Event Fields

The RTIMOUTA event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cOrderAction	Char	1	Action Code
ITM	mnShortItemNumber	Numeric	8	Item Number
MCU	szBusinessUnit	String	12	Business Unit
STKT	cStockingType	Char	1	Stocking Type
LITM	szProductItem	String	25	Product Item Number
AITM	szCatalogItem	String	25	Catalog Item Number
DSC1	szDescription1	String	30	Item Description
DSC2	szDescription2	String	30	Item Description
UOM1	szPrimaryUnitofMeasure	String	2	Unit of Measure
SRP1	szSalesReportingCode1	String	3	Sales Catalog Section
SRP2	szSalesReportingCode2	String	3	Sub Section
SRP3	szSalesReportingCode3	String	3	Sales Category Code 3
SRP4	szSalesReportingCode4	String	3	Sales Category Code 4

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SRP5	szSalesReportingCode5	String	3	Sales Category Code 5
SRP6	szSalesReportingCode6	String	6	Category Code 6
SRP7	szSalesReportingCode7	String	6	Category Code 7
SRP8	szSalesReportingCode8	String	6	Category Code 8
SRP9	szSalesReportingCode9	String	6	Category Code 9
SRP0	szSalesReportingCode10	String	6	Category Code 10
PRP1	szPurchasingReportCode1	String	3	Commodity Class
PRP2	szPurchasingReportCode2	String	3	Commodity Sub Class
PRP3	szPurchasingReportCode3	String	3	Supplier Rebate Code
PRP4	szPurchasingReportCode4	String	3	Master Planning Family
PRP5	szPurchasingReportCode5	String	3	Purchasing Category Code 5
PRP6	szPurchReportingCode6	String	6	Group - Item Dimension
PRP7	szPurchReportingCode7	String	6	Group - Warehouse Process 1
PRP8	szPurchReportingCode8	String	6	Group - Warehouse Process 2
PRP9	szPurchReportingCode9	String	6	Group - Warehouse Process 3
PRP0	szPurchReportingCode10	String	6	Item Pool
GLPT	szGICateogry	String	4	Category - G/L
SAFE	mnSafetyStockDaysSupply	Numeric	15	Safety Stock
SHCM	szShippingCommodityClass	String	3	Shipping Commodity Class
SHCN	szShippingConditionsCode	String	3	Shipping Conditions Code
LNTY	szLineType	String	2	Line Type
CYCL	szCycleCountCateogry	String	3	Cycle Count Category
CDCD	szCommodityCode	String	15	Commodity Code
PDGR	szProductGroupFrom	String	3	Product Group
DSGP	szDispatchGrp	String	3	Dispatch Group
VEND	mnPrimaryLastVendorNo	Numeric	8	Primary Last Vendor

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ANPL	mnAddressNumberPlanner	Numeric	8	Address Number Planner
BUYR	mnBuyer	Numeric	8	Buyer
ORIG	szCountryOfOrigin	String	3	Country Of Origin
ROPI	mnReorderPointInput	Numeric	15	Reorder Point Input
ROQI	mnReorderQuantityInput	Numeric	15	Reorder Quantity Input
RQMN	mnReorderQuantityMinimum	Numeric	15	Reorder Quantity Minimum
RQMX	mnReorderQuantityMaximum	Numeric	15	Reorder Quantity Maximum
WOMO	mnOrderMultiples	Numeric	7	Order Multiples
SERV	mnServiceLevel	Numeric	7	Service Level
SLD	mnShelfLifeDays	Numeric	6	Shelf Life Days
CKAV	cCheckAvailabilityYN	Char	1	Check Availability
SRCE	cLayerCodeSource	Char	1	Layer Code Source
LOTS	cLotStatusCode	Char	1	Lot Status Code
OT1Y	cConstantFutureUse1	Char	1	Constant Future Use 1
QT2Y	cConstantFutureUse2	Char	1	Constant Future Use 2
STDP	mnStandardPotency	Numeric	7	Standard Potency
FRMP	mnFromPotency	Numeric	7	From Potency
THRP	mnThruPotency	Numeric	7	Thru Potency
STDG	szStandardGrade	String	3	Standard Grade
FRGD	szFromGrade	String	3	From Grade
THGD	szThruGrade	String	7	Thru Grade
COTY	cComponentType	Char	1	Component Type
MMPC	mnMarginMaintenancePer	Numeric	7	Margin Maintenance Per
PRGR	szPricingCategory	String	8	Pricing Category
RPRC	szRepriceBasketPriceCat	String	8	Reprice Basket Price
ORPR	szOrderRepriceCategory	String	8	Order Reprice Category

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
BACK	cBackordersAllowedYN	Char	1	Backorders Allowed
IFLA	szItemFlashMessage	String	2	Item Flash Message
ABCS	cAbcCode1SalesInv	Char	1	Abc Code 1 Sales Inv
ABCM	cAbcCode2MarginInv	Char	1	Abc Code 2 Margin Inv
ABCI	cAbcCode3InvestInv	Char	1	Abc Code 3 Invest Inv
OVR	cAbcCodeOverrideIndica	Char	1	Abc Code Override
CARS	mnCarrier	Numeric	8	Carrier
CARP	mnPreferCarrierPurchasing	Numeric	8	Prefer Carrier Purchasing
FIFO	cFifoProcessing	Char	1	Fifo Processing
INMG	szPrintMessage1	String	10	Print Message 1
WARR	szTypeWarranty	String	8	Type Warranty
SRNR	cSerialNumberRequired	Char	1	Serial Number Required
PCTM	mnPercentMargin	Numeric	7	Percent Margin
CMCG	szCommissionCategory	String	8	Commission Category
FUF1	cApplyFrieght	Char	1	Apply Freight
TX	cTaxableYN1	Char	1	Purchasing Sales Taxable
TAX1	cTaxableYN	Char	1	Sales Taxable
MPST	cPlanningCode	Char	1	Planning Code
MRPD	cItemDisplayCode	Char	1	Item Display Code
MRPC	cNetChangeFlag	Char	1	Net Change Flag
UPC	mnUnitsPerContainer	Numeric	15	Units Per Container
SNS	cStockNonstock	Char	1	Round to Whole Number
MERL	szMeRevisionLevel	String	3	Item Revision Level
LTLV	mnLeadtimeLevel	Numeric	5	Leadtime Level
LTMF	mnLeadtimeMfg	Numeric	5	Leadtime MFG
LTCM	mnLeadtimeCum	Numeric	5	Leadtime Cumulative

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
OPC	cOrderPolicyCode	Char	1	Order Policy Code
OPV	mnOrderPolicyValue	Numeric	15	Value - Order Policy
ACQ	mnAcctingCostQty	Numeric	15	Quantity - Accounting Cost
MLQ	mnMfgLeadtimeQty	Numeric	15	Quantity - MFG Leadtime
LTPU	mnLeadtimePerUnit	Numeric	5	Leadtime Per Unit
MPSP	cPlanTimeFenceRule	Char	1	Planning Time Fence Rule
MRPP	cFixedVariableLeadtime	Char	1	Fixed or Variable Leadtime
ITC	cIssueTypeCode	Char	1	Issue Type Code
ECO	szEngineerChngOrderNo	String	12	ECO Number
ECTY	szEngineeringChngReason	String	2	Engineering Change Reason
ECOD	jdDateEngineerChgeDate	Date	6	Date - Engineering Change Date
MTF1	mnPlanningTimeFenceDays	Numeric	5	Planning Time Fence Days
MTF2	mnFreezeTimeFenceDays	Numeric	5	Freeze Time Fence Days
MTF3	mnMsgTimeFenceDays	Numeric	5	Message Time Fence Days
MTF4	mnTimeFence4	Numeric	5	MPS/MRP Time Fence 4
MTF5	mnTimeFence5	Numeric	5	Shipment Leadtime Offset
MOVD	mnMoveHours	Numeric	5	Move Hours - Standard
QUED	mnQueueHours	Numeric	5	Queue Hours - Standard
SETL	mnSetupLaborHrsStdr	Numeric	15	Setup Labor - Standard
SRNK	mnShrinkFactor	Numeric	15	Shrink Factor
SRKF	cShrinkFactorMethod	Char	1	Shrink Factor Method
TIMB	cTimeBasisCode	Char	1	Time Basis Code
BQTY	mnUnitsBatchQuantity	Numeric	15	Units - Batch Quantity
ORDW	cOrderWithYN	Char	1	Order With
EXPD	mnExpediteDamperDays	Numeric	5	Expedite Damper Days
DEFD	mnDeferDamperDays	Numeric	5	Defer Damper Days

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
MULT	mnQtyOrderMultiples	Numeric	15	Quantity - Order Multiples (MRP)
SFLT	mnSafetyLeadtime	Numeric	5	Safety Leadtime
MAKE	cMakeBuyCode	Char	1	Make/Buy Code
LFDJ	jdDateLifo	Date	6	Date - Future Use
LLX	mnLowLevelCode	Numeric	3	Low Level Code
CMGL	cAllocateByLot	Char	1	Commitment Method
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeOfDay	Numeric	6	Time of Day
TFLA	szTemporaryItemFlashMessag	String	2	Standard Unit of Measure Conversion
COMH	mnCommitmentSpecificDays	Numeric	3	Commitment - Specific (Days)
AVRT	mnAverageQueueTimeHours	Numeric	15	Replenishment Hours - Standard
POC	cPayonconsumption	Char	1	Issue and Receipt
AING	cActiveIngredientFlag	Char	1	Active Ingredient Flag
BBDD	mnBestBeforeDefaultDays	Numeric	6	Best Before Default Days
CMDM	cCommitmentDateMethod	Char	1	Commitment Date Method
LECM	cLotExpirationDateCalculat	Char	1	Lot Expiration Date Calculation Method
LEDD	mnLotEffectiveDefaultDays	Numeric	6	Lot Effective Default Days

Data Item / Alias	Structure Member Name	Data Type	Size	Description
MLOT	cItemMultipleDates	Char	1	Mix Dates / Lots (Y/N)
PEFD	mnPurchasingEffectiveDays	Numeric	6	Purchasing Effective Days
SBDD	mnSellByDefaultDays	Numeric	6	Sell By Default Days
U1DD	mnUserLotDate1DefaultDays	Numeric	6	User Lot Date 1 Default Days
U2DD	mnUserLotDate2DefaultDays	Numeric	6	User Lot Date 2 Default Days
U3DD	mnUserLotDate3DefaultDays	Numeric	6	User Lot Date 3 Default Days
U4DD	mnUserLotDate4DefaultDays	Numeric	6	User Lot Date 4 Default Days
U5DD	mnUserLotDate5DefaultDays	Numeric	6	User Lot Date 5 Default Days
XDCK	cCrossDockFlag	Char	1	Cross-Docking Flag
LAF	cLotAuditFlag	Char	1	Lot Audit Flag
LTFM	cSpecialLotFormat	Char	1	Special Lot Format
RWLA	cRestrictWoLotAssignment	Char	1	Restrict Work Order Lot Assignment
LNPA	cLotNumberPreAssignment	Char	1	Lot Number Pre-Assignment
LOTC	szLotStatusCodeExpanded	String	3	Lot Status Code Expanded
APSC	cConstraintsFlag	Char	1	Constraints Flag
PRI1	mnPriorityOneAlertLevel	Numeric	15	Priority One Alert Level
PRI2	mnPriorityTwoAlertLevel	Numeric	15	Priority Two Alert Level
LTCV	mnLeadtimeConversionFactor	Numeric	15	Leadtime Conversion Factor
ASHL	cAllowShippingHeldLots	Char	1	Allow Shipping of Held Lots

## Conceptual Approach

A new item master or item branch added in the JD Edwards EnterpriseOne system creates a new record in the Item Master (F4101) table or the Item Branch (F4102) table. A realtime notification event is triggered in the maintenance application after item master or item branch information is added to either table.

## Objects that Can Initiate the Event

These objects can initiate the RTIMOUTA event:

- B4102150 - Item Master Real-Time Event Notify
- B4102151 - Item Master Real Time Event Notify 2

- N4101070 - Update Item Process Data
- B4100340 - Update Item Branch Item
- B4100290 - Insert Item Master Row
- N4101130 - Workflow Update Approved Item Master Change
- B4100840 - F4102 Update Item Branch Record
- P4101N - Non Stock Item Master
- R4101P - Item Master Purge (F4101)
- P4690 - Warehouse Speed Group Maintenance
- R4690 - Update Process and Item Dimens
- XT4111Z1 - Inventory Transactions

## RTIBOUT

RTIBOUT is used by the JD Edwards EnterpriseOne system to notify third-party systems when an item location has been added, changed, or deleted in order to keep the two systems synchronized. Adding an Item Balance record that does not have quantity information or deleting an Item Balance record will not be published.

<b>Event Name</b>	<i>RTIBOUT</i>
<b>Event Description</b>	<i>ItemBalanceManageNotify</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTIBHDR (D4101660A).
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4101660A</i> : Item Balance Real Time Event Notification Template

Please see the associated single event for a list of event fields.

### Conceptual Approach

An inventory location that has been added, changed, or deleted in the JD Edwards EnterpriseOne system updates the Item Location (F41021) table. When an item balance record is modified, an RTIBOUT realtime event notification is published.

Currently, this realtime event is used only by the APS integration.

### Objects that Can Initiate the Event

These objects can initiate the RTIBOUT event:

- B4101630 - Item Balance Real-Time Event Notify
- XT4111Z1 - Inventory Transactions

- XF41021 - Update F41021 Locations
- B3100160 - Adjust Quantity on Work Order
- B4100220 - Update Primary Location
- B4100430 - Update Misc F41021 Fields
- B4100630 - Update Item Commits To Zero
- B4101370 - F41021 Update Quantities
- B4200370 - Commit Sales Order to Inventory
- N3101470 - R3190 Update Item Location and Parts List
- N4202100 - F41021 Commitments Processing
- R31420 - Automatic Work Order Inventory Issues
- R3190 - Repost Open Work Orders

## RTIBHDR

RTIBHDR is used by the JD Edwards EnterpriseOne system to notify third-party systems when an item location has been added, changed, or deleted in order to keep the two systems synchronized. Adding an Item Balance record that does not have quantity information or deleting an Item Balance record will not be published.

<b>Event Name</b>	<i>RTIBHDR</i>
<b>Event Description</b>	<i>Inventory Balance Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4101660A: Item Balance Real Time Event Notification Template</i>
<b>Relationship</b>	Included in container event RTIBOUT

### Event Fields

The RTIBHDR event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
LOCN	szLocation	String	20	Location
PBIN	cPrimaryBinPS	Char	1	Primary Location (P/S)
LOTS	cLotStatusCode	Char	1	Lot Status Code

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PBCK	mnQtyBackorderedInPri	Numeric	15	Quantity on Backorder
PREQ	mnQtyOnPurchaseOrderPr	Numeric	15	Quantity on PO - Primary Units
QWBO	mnQuantityOnWoReceipt	Numeric	15	Quantity on WO Receipt
OT1P	mnQty1OtherPrimaryUn	Numeric	15	Quantity 1 - Other Primary Units
OT2P	mnQty2OtherPrimaryUn	Numeric	15	Quantity 2 - Other Primary Units
OT1A	mnQtyOtherPurchasing1	Numeric	15	Quantity - Other Purchasing 1
HCOM	mnQtyHardCommitted	Numeric	15	Quantity - Hard Committed
PCOM	mnQuantitySoftCommitted	Numeric	15	Quantity - Soft Committed
FCOM	mnQtyOnFutureCommit	Numeric	15	Quantity on Future Commit
FUN1	mnWorkOrderSoftCommit	Numeric	15	Quantity - WO Soft Commit
QOWO	mnQuantityOnWorkorder	Numeric	15	Quantity - WO Hard Commit
QTTR	mnQtyInTranPrimaryUn	Numeric	15	Units In Transit - Primary Units
QTIN	mnQtyInInspPrimaryUn	Numeric	15	Units In Inspection - Primary Units
QONL	mnQuantityOnLoanToMa	Numeric	15	Quantity on Loan to Manufacturing
QTRI	mnQuantityInboundWareh	Numeric	15	Quantity Inbound - Warehouse
QTRO	mnQuantityOutboundWare	Numeric	15	Quantity Outbound - Warehouse
QTY1	mnFutureUseQuantity	Numeric	15	Future Use Quantity
QTY2	mnFutureUseQuantity2	Numeric	15	Future Use Quantity 2
TRQT	mnPlanningQuantity	Numeric	15	Used for APS
DCT	szTransactionDocumentType	String	2	Document Type
UPMJ	jdDateUpdated	Date	6	Used for APS
TDAY	mnTimeUpdated	Numeric	6	Used for APS
CMUM	szPlanningUOM	String	2	Used for APS
TRQT	mnPlanningQuantity	Numeric	15	Planning Quantity
EV01	cAPSFlag	Char	1	Use 1 if it is an APS transaction

Data Item / Alias	Structure Member Name	Data Type	Size	Description
EV01	cAPSSupplyDemandFlag	Char	1	Use 1 if it is verified through inclusion rules
ITM	mnItemNumberShort	Numeric	8	Populate with short item number
MCU	szBranchPlant	String	12	Business Unit
PQOH	mnQtyOnHandPrimaryU	Numeric	15	Quantity on Hand - Primary Units
QT01	mnQtyInOperation01	Numeric	15	Units in Operation 1 - Primary Units
QT02	mnQtyInOperation02	Numeric	15	Units in Operation 1 - Primary Units
LOTN	szLotNumber	String	30	Lot/Serial Number
DL01	szPlanningLotStatus	String	30	Planning Lot Status

### Conceptual Approach

An inventory location that has been added, changed, or deleted in the JD Edwards EnterpriseOne system updates the Item Location (F41021) table. When an item balance record is modified, an RTIBOUT realtime event notification is published. The RTIBOUT realtime event notification contains the RTIBHDR event.

Currently, this realtime event is used only by the APS integration.

### Objects that Can Initiate the Event

These objects can initiate the RTIBHDR event:

- B4101630 - Item Balance Real-Time Event Notify
- XT4111Z1 - Inventory Transactions
- XF41021 - Update F41021 Locations
- B3100160 - Adjust Quantity on Work Order
- B4100220 - Update Primary Location
- B4100430 - Update Misc F41021 Fields
- B4100630 - Update Item Commits To Zero
- B4101370 - F41021 Update Quantities
- B4200370 - Commit Sales Order to Inventory
- N3101470 - R3190 Update Item Location and Parts List
- N4202100 - F41021 Commitments Processing
- R31420 - Automatic Work Order Inventory Issues
- R3190 - Repost Open Work Orders

## RTCOSTOUT

RTCOSTOUT is a container event generated by the JD Edwards EnterpriseOne system to notify third-party systems of changes to the unit cost of an item. Any adds or changes to a unit cost are generated as a change realtime event. Deletes are not supported.

<b>Event Name</b>	<i>RTCOSTOUT</i>
<b>Event Description</b>	<i>RTE COST</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Contains the RTCOSTOUTA (D4102180B).
<b>Product Code</b>	<i>41</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

A unit cost is added or changed in the item cost table (F4105). The JD Edwards EnterpriseOne system sends out item cost realtime events with unit cost information.

### Objects that Can Initiate the Event

The P4105 - Work with Item Cost program can initiate the RTCOSTOUT event.

## RTCOSTOUTA

RTCOSTOUTA is a single event that is generated by the JD Edwards EnterpriseOne system to provide item information about changes to the unit cost of an item. Any adds or changes to a unit cost are generated as a change realtime event. Deletes are not supported.

<b>Event Name</b>	<i>RTCOSTOUTA</i>
<b>Event Description</b>	<i>RTE COST</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4102180B</i> : Item Cost Real Time Wrapper
<b>Event Relationship</b>	Included in container event RTCOSTOUT.

## Event Fields

The RTCOSTOUTA event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTION	cEventAction	Char	1	Action Type
ITM	mnIdentifierShortItem	Math Numeric	8	Item Number - Short
LITM	szIdentifier2ndItem	String	25	2 <sup>nd</sup> Item Number
AITM	szIdentifier3rdItem	String	25	3 <sup>rd</sup> Item Number
MCU	szBranchPlant	String	12	Business Unit
LOCN	szLocation	String	20	Location
LOTN	szLot	String	30	Lot/Serial Number
LOTG	szLotGrade	String	3	Lot Grade
LEDG	szCostMethod	String	2	Cost Method
AA	mnAmountUnitCost	Math Numeric	15(2)	Amount
CSPO	cPurchasingCostingSelection	Char	1	Costing Selection - Purchasing
CSIN	cInventoryCostingSelection	Char	1	Costing Selection - Inventory
CCFL	cCostChangedFlag	Char	1	Cost Changed Flag
CRCS	mnCarryingCost	Math Numeric	15(4)	Carrying Cost
OSTC	mnOverstockCost	Math Numeric	15(4)	Overstock Cost
STOC	mnStockoutCost	Math Numeric	15(4)	Stockout Cost
CLEV	cCostLevel	Char	1	Level - Inventory Cost
LOC	szPrimaryLocation	String	12	Business Unit - Location

## Conceptual Approach

A unit cost is added or changed in the item cost table (F4105). The JD Edwards EnterpriseOne system sends out item cost realtime events with unit cost information.

## Objects that Can Initiate the Event

The P4105 - Work with Item Cost program can initiate the RTCOSTOUTA event.

## RTUOMOUT

RTUOMOUT is a container event generated by the JD Edwards EnterpriseOne system to notify third-party systems of adds and changes to unit of measure conversions.

<b>Event Name</b>	<i>RTUOMOUT</i>
<b>Event Description</b>	<i>Notify Item UOM event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for RTUOMDTL (D4102170A).
<b>Product Code</b>	<i>H41</i>
<b>Reliable Delivery</b>	Blank
<b>Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

Unit of measure conversion information that is added or modified for a given item in the Unit of Measure table F41002 is sent out in a realtime event.

### Special Setup

If the system constant Unit of Measure Conversion by Branch is Off, all unit of measure (UOM) conversions for the item and a blank branch plant are sent in the realtime event.

If the system constant Unit of Measure Conversion by Branch is On and the Default Branch Plant processing option on version ZJDE0001 of UOM Conversion Real Time Wrapper Application (P4102170) is blank, the UOM conversions for the item and all branch plants are sent in the realtime event.

If the system constant Unit of Measure Conversion by Branch is On and the Default Branch Plant processing option on version ZJDE0001 of UOM Conversion Real Time Wrapper Application (P4102170) is 1, the UOM conversions for the item and the current branch plant are sent in the realtime event.

### Objects that Can Initiate the Event

The P41002 - Unit of Measure Conversions - Item program can initiate the RTUOMOUT event.

## RTUOMDTL

RTUOMDTL is a single event that is generated by the JD Edwards EnterpriseOne system to provide unit of measure conversion information.

<b>Event Name</b>	<i>RTUOMDTL</i>
<b>Event Description</b>	<i>UOM conversion single event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H41</i>

<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4102170A: UOM Conversion Real Time Data</i>
<b>Event Relationship</b>	Included in container event RTUOMOUT.

### Event Fields

The RTUOMDTL event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	String	1	Action Code
ITM	mnIdentifierShortItem	Numeric	8	Short Item
MCU	szCostCenter	String	12	Cost Center
UOM1	szUnitOfMeasurePrimary	String	3	Unit Of Measure Primary
UM	szUnitOfMeasureFrom	String	3	Unit Of Measure From
RUM	szUnitOfMeasureTo	String	3	Unit Of Measure To
USTR	cUnitOfMeasureStructure	String	1	Unit Of Measure Structure
CONV	mnConversionFactor	Numeric	15	Conversion Factor
CNV1	mnConvFactorToPrimary	Numeric	15	Conv Factor To Primary
EXPO	cExcludeFromPO	String	1	Exclude From PO
EXSO	cExcludeFromSO	String	1	Exclude From SO
PUPC	nPurchasePriceCode	Integer	11	Purchase Price Code
SEPC	nSalesPriceCode	Integer	11	Sales Price Code
PID	szCallingApplication	String	10	Calling Application

### Conceptual Approach

Unit of measure conversion information added or modified for a given item in the Unit of Measure table F41002 is sent out in a realtime event.

### Objects that Can Initiate the Event

The P41002 - Unit of Measure Conversions - Item program can initiate the RTUOMDTL event.

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## Manufacturing

This section discusses the realtime events generated by the Manufacturing system.

### RTWOOUT

RTWOOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems when a work order has been added, changed, or deleted in order to keep the two systems synchronized.

<b>Event Name</b>	<i>RTWOOUT</i>
<b>Event Description</b>	<i>Work Order</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Contains the RTWOHDR (D3102360A) event.
<b>Product Code</b>	<i>H31</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D3102360A: Work Order Event Notification Canonical</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

A work order that has been added, changed, or deleted in the JD Edwards EnterpriseOne system updates the Work Order Header (F4801) table. When a work order record has been modified, a RTWOOUT realtime event notification is published.

### Objects that Can Initiate the Event

These objects can initiate the RTWOOUT event:

- B3102360 - Work Order Real-Time Event Notification
- B3100790 - Work Order Inventory Issues
- B3101030 - Purge Work Order Data
- B3101060 - F3112, F31122 Super Backflush
- N4202020 - F4211 Update Work Order Status
- P31225 - Manufacturing Scheduling Workbench
- X4801 - X4801 Work Order Entry

### RTWOHDR

RTWOHDR is used by the JD Edwards EnterpriseOne system to pass work order information to third-party systems when a work order has been changed.

<b>Event Name</b>	<i>RTWOHDR</i>
<b>Event Description</b>	<i>Work Order Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H31</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D3102360A: Work Order Event Notification Canonical</i>
<b>Event Relationship</b>	Included in container event RTWOOUT.

### Event Fields

The RTWOOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	3	Order Type
MMCU	szBranchPlant	String	12	Branch
SRST	szWOSTatus	String	2	Status Code W.O.
STRT	jdStartDate	Date	6	Date - Start (Julian)
DRQJ	jdRequestDate	Date	6	Date - Requested
TRDJ	jdTransactionDate	Date	6	Date - Order/Transaction
ITM	mnShortItemNumber	Numeric	8	Item Number - Short
LITM	szSecondItemNumber	String	25	2nd Item Number
AITM	szThirdItemNumber	String	25	3rd Item Number
UORG	mnQuantityOrdered	Numeric	15	Units - Order/Transaction Quantity
SOQS	mnQuantityCompletedShipped	Numeric	15	Quantity Shipped
SOCN	mnQuantityScrappedCanceled	Numeric	15	Units - Quantity Canceled /Scrapped

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SOBK	mnQuantityBackorderedHeld	Numeric	15	Units - Qty Backordered/Held
TRQT	mnTransactionOpenQuantity	Numeric	15	Quantity Available
UOM	szTransactionUOM	String	2	Unit Of Measure as Input
UNCD	cFreezeCode	Char	1	Work Order Freeze Code
SFXO	szOrderSuffix	String	3	Order Suffix
DCT	szDocumentType	String	3	Document Type
TYPS	cTypeWO	Char	1	Type - W.O.
PRTS	cPriorityWO	Char	1	Priority - W.O.
LOCN	szLocation	String	20	Location
LOTN	szLotNumber	String	30	Lot/Serial Number
SHNO	szMessageNumber	String	10	Message Number
VR01	szReference	String	25	Reference
RORN	szRelatedOrderNumber	String	8	Related PO/SO/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SO/WO Order Type
RKCO	szRelatedOrderCompany	String	5	Company - Key (Related Order)
LNID	mnRelatedLineNumber	Numeric	6	Line Number
DL01	szWorkOrderDescription	String	30	Description
PARS	szParentOrderNumber	String	8	Number - Parent WO Number
WR01	szWOCategoryCode001	String	4	Categories - Work Order 01
WR02	szWOCategoryCode002	String	4	Categories - Work Order 02
WR03	szWOCategoryCode003	String	4	Categories - Work Order 03
WR04	szWOCategoryCode004	String	4	Categories - Work Order 04
WR05	szWOCategoryCode005	String	4	Categories - Work Order 05
VFWO	cFirmWorkOrder	Char	1	Firm Work Order
UPJM	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeUpdated	Numeric	6	Time of Day

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CMUM	szPlanningUOM	Numeric	15	Future Use Unit of Measure
TRQT	mnPlanningQuantity	Numeric	15	Quantity Available
EV01	cWOChangeAllowed	Char	1	J.D. PeopleSoft Enterprise Event Point 01
EV01	cWOStatusFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01
EV01	cAPSFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01 <b>Note.</b> Use 1 if it is an SCP transaction.
EV01	cAPSSupplyDemandFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01 <b>Note.</b> Use 1 if it is verified through inclusion rules.
TBM	szWorkOrderBillType	String	3	Type Bill of Material
TRT	szWorkOrderRoutingType	String	3	Type of Routing
GS2A	szPlanningOrderType	String	20	Generic String x 20
MMCU	szParentWOBranchPlant	String	12	Branch

### Conceptual Approach

This realtime event is triggered when a work order header is changed.

### Objects that Can Initiate the Event

Any process that changes the event fields on a work order header can initiate the realtime event. For example:

- Work Order Entry
- Inventory Issues
- Shop Floor Workbench

### OPBOMROUT

OPBOMROUT is used by the JD Edwards EnterpriseOne system to inform third-party systems when a work orders parts list and routing is added, changed, or deleted.

<b>Event Name</b>	<i>OPBOMROUT</i>
<b>Event Description</b>	<i>Transaction BOMR</i>
<b>Event Type</b>	<i>RTE</i>

**Event Category**                    *CONTAINER*

Contains these data structures:

- *D34A1140A*: Transactional RLR Header Event Notification Canonical
- *D34A1140B*: Transactional RLR Routing Event Notification Canonical
- *D34A1140C*: Transactional RLR Resource List Event Notification Canonical

**Product Code**                    *34A***Reliable Delivery**                *1***Delivery Timeout  
Threshold**                        *0***Event Fields - D34A1140A**

The D34A1140A data structure contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
EV01	cEventNotificationActionCode	Char	1	J.D. PeopleSoft Enterprise Event Point 01  <b>Note.</b> 1 = Add (Needed for OP Commit) 2 = Update/Change 3 = Delete
DOCO	mnOrderNumber	Numeric	15	Document (Order No, Invoice, etc.)  <b>Note.</b> Value of 1, 2, or 3. 1 is Add 2 is Change 3 is Delete
DCTO	szOrderType	String	2	Order Type
EV01	cWOChangeAllowed	Char	1	J.D. PeopleSoft Enterprise Event Point 01  <b>Note.</b> 0 = No 1 = Yes
MCU	szBranchPlant	String	12	Business Unit
ITM	mnShortItemNumber	Numeric	15	Item Number - Short
LITM	szSecondItemNumber	String	25	2nd Item Number
AITM	szThirdItemNumber	String	25	3rd Item Number
STRT	jdDateStart	Date	6	Date - Start (Julian)
DRQJ	jdDateRequestedJulian	Date	6	Date - Requested
UORG	mnQuantityOrdered	Numeric	15	Units - Order/Transaction Quantity

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
UOM	szUnitOfMeasure	String	2	Unit of Measure as Input
RORN	szRelatedOrderNumber	String	8	Related PO/SO/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SO/WO Order Type
RKCO	szRelatedKeyCompany	String	5	Company - Key (Related Order)
LNID	mnRelatedLineNumber	Numeric	15	Line Number
PARS	szParentWoNumber	String	8	Number - Parent WO Number
UM	szPlanningUnitofMeasure	String	2	Unit Of Measure
UORG	mnQuantityPlanned	Numeric	15	Units - Order/Transaction Quantity
UORG	mnPlanningMultiple	Numeric	15	Units - Order/Transaction Quantity
EV01	cPlanningEnabled	Char	1	J.D. PeopleSoft Enterprise Event Point 01
EV01	cPlanningSupplyDemand	Char	1	J.D. PeopleSoft Enterprise Event Point 01
GS2A	szPlanningOrderType	String	20	Generic String x 20
EV01	cPlanningOrderStatus	Char	1	J.D. PeopleSoft Enterprise Event Point 01

### Event Fields - D34A1140B

The D34A1140B data structure contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DOCO	mnOrderNumber	Numeric	15	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
OPSQ	mnOperationSequenceNumber	Numeric	15	Sequence Number - Operations
MCU	szWorkCenter	String	12	Business Unit
OPSQ	mnSuccessiveOperation	Numeric	15	Sequence Number - Operations
SETL	mnSetupHours	Numeric	15	Setup Labor - Standard
MOVD	mnMoveHours	Numeric	15	Move Hours - Standard

Data Item / Alias	Structure Member Name	Data Type	Size	Description
QUED	mnQueueHours	Numeric	15	Queue Hours - Standard
POVR	mnPercentOfOverlap	Numeric	15	Percent - Overlap
DL01	szPrecedenceType	String	30	Description
MATH01	mnPrecedenceOffset	Numeric	15	Math Numeric 01
OPSC	szTypeOperationCode	String	3	Type Operation Code
EV01	cActionType	Char	1	J.D. PeopleSoft Enterprise Event Point 01 <b>Note.</b> Value of 1, 2, or 3 1 is Add. 2 is Change. 3 is Delete.
DRQJ	jdRequestedDate	Date	6	Date - Requested
ASJ	jdPlannedStartDate	Date	6	Actual Start Date
DRQJ	jdPlannedFinishDate	Date	6	Date - Requested

### Event Fields - D34A1140C

The D34A1140C data structure contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
DOCO	mnOrderNumber	Numeric	15	Docuemnt (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
OPSQ	mnOperationSequenceNumber	Numeric	15	Sequence Number - Operations
ATSQ	szResourceID	String	23	Configurator Sequence Number
DOCO	mnSubassemblyWorkOrderNumber	Numeric	15	Docuemnt (Order No, Invoice, etc.)
GS3A	szResourceType	String	30	Generic String x 30
CPIT	mnShortItemNumber	Numeric	15	Component Item Number - Short
CPIL	szSecondItemNumber	String	25	Component 2nd Item Number
CPIA	szThirdItemNumber	String	25	Component 3rd Item Number
GS1A	szUnitOfMeasure	String	10	Generic String x 10

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
UORG	mnQuantityPer	Numeric	15	Units - Order/Transaction Quantity
UORG	mnQuantityPlanned	Numeric	15	Units - Order/Transaction Quantity
UORG	mnQuantityPerPlanned	Numeric	15	Units - Order/Transaction Quantity
UORG	mnPlanningMultiple	Numeric	15	Units - Order/Transaction Quantity
OPSC	szTypeOperationCode	String	3	Type Operation Code
MCU	szWorkCenter	String	13	Business Unit
UORG	mnExtendedQuantity	Numeric	15	Units - Order/Transaction Quantity
EV01	cActionType	Char	1	J.D. PeopleSoft Enterprise Event Point01
DESC	szItemDescription	String	30	Description
CMCU	szComponentBranch	String	12	Component Branch
RESCD	szResourceCode	String	12	Resource Code
GS1A	szPlanningUnitOfMeasure	String	10	Generic String x 10

### Conceptual Approach

A work order parts list or routing that has been added, changed, or deleted in the JD Edwards EnterpriseOne system updates the Work Order Parts List (F3111) and the Work Order routing (F3112) tables. When a work order parts list or routing record is modified, an OPBOMROUT realtime event notification is published.

### Objects that Can Initiate the Event

These objects can initiate the OPBOMROUT event:

- B3101250 - Work Order Routings Master Business Function
- B3101260 - F3111 Parts List Master Business Function
- R31410 - Order Processing

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## Procurement

This section discusses the realtime events generated by the Procurement and Subcontract Management system.

## RTPOOUT

RTPOOUT is a container event used by the JD Edwards EnterpriseOne system that notifies third-party systems when purchase order information changes.

<b>Event Name</b>	<i>RTPOOUT</i>
<b>Event Description</b>	<i>Purchase Order</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>

Container event for:

- RTPOHDR (D4302470A)
- RTPODTL (D4302470B)
- RTPODIST (D4302470C)

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**Note.** RTPODIST is included in RTPOOUT if the multiple accounts flag is selected for the order line.

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<b>Product Code</b>	<i>H43</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

### Event Fields

Please see the appropriate single events (identified in the preceding table) for the fields.

### Conceptual Approach

A new purchase order creates a new record in the Purchase Order Header table (F4301) and the Purchase Order Detail table (F4311). It also creates a new record in Purchase Order Multiple Accounts (F4316) file multiple account records are associated with the purchase order. A realtime notification is triggered whenever there is an insert in these tables. Also, this event is triggered whenever an exiting purchase order is updated and there is an update to the Purchase Order Header and Purchase Order Detail tables.

### Objects that Can Initiate the Event

These objects can initiate the RTPOOUT event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions
- R43500 - Purchase Order Print

### Special Setup

To activate the RTPOOUT event, these three important areas are required for data setup:

- The Suppliers Correspondence Method (F0401.CRMD, sometimes called Send Method) must be set to 5.
- The Document Type of the purchase order must be set up to publish externally. Use the P40040 application to inquire on a document type and select the publish externally check box on the Purchasing tab of the Document Type Revisions form.
- Currently all procurement integrations that need processing options use the processing options for P43XPI-ZJDE0001. This event uses the first two processing options on the Order Statuses tab. With these options you can set the range of allowed order statuses that can be published externally. Order Status 999 is valid outside of the dictated range. The canonical has a grouping titled Miscellaneous, which is inside the Header grouping. Within this grouping there is an element named ExternalEvent. This element is set to 1 if these three conditions are met when the purchase order is being processed. This in turn enables WSG to process it as an order that will be sent to the supplier electronically.

## RTPOHDR

RTPOHDR is used by the JD Edwards EnterpriseOne system to notify third-party systems about purchase order changes.

<b>Event Name</b>	<i>RTPOHDR</i>
<b>Event Description</b>	<i>Purchase Order Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H43</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4302470A: Purchase Order Header</i>
<b>Event Relationship</b>	Included in container event RTPOOUT.

### Event Fields

The RTPOHDR event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cOrderAction	Char	1	Action Code
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
SFXO	szOrderSuffix	String	3	Order Suffix
MCU	szBranchPlant	String	12	Business Unit

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN8	mnSupplierAddressNumber	Numeric	8	Address Number
SHAN	mnShipToAddressNumber	Numeric	8	Address Number - Ship to
MLNM	szShipToMailingName	String	40	Name - Mailing
ADD1	szShipToAddressLine1	String	40	Address Line1
ADD2	szShipToAddressLine2	String	40	Address Line2
ADD3	szShipToAddressLine3	String	40	Address Line3
ADD4	szShipToAddressLine4	String	40	Address Line4
CTY1	szShipToCity	String	23	City
COUN	szShipToCounty	String	23	County
ADDS	szShipToState	String	3	State
ADDZ	szShipToPostalCode	String	12	Postal Code
CTR	szShipToCountry	String	3	Country
CRCD	szCurrencyCode	String	3	Currency Code - From
TRDJ	jdOrderDate	Date	6	Order Date
ORBY	szOrderedBy	String	10	Ordered By
TKBY	szOrderTakenBy	String	10	Order Taken By
OORN	szOriginalPOSONumber	String	8	Original Order Number
HOLD	szHoldCode	String	2	Hold Orders Code
CRR	mnExchangeRate	Numeric	15	Currency Conversion Rate - Spot Rate
PTC	szPaymentTerms	String	3	Payment Terms Code
TXA1	szTaxArea1	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode	String	2	Tax Expl Code 1
MLNM	szSupplierMailingName	String	40	Name - Mailing
ADD1	szSupplierAddressLine1	String	40	Address Line 1
ADD2	szSupplierAddressLine2	String	40	Address Line 2
ADD3	szSupplierAddressLine3	String	40	Address Line 3

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ADD4	szSupplierAddressLine4	String	40	Address Line 4
CTY1	szSupplierCity	String	25	City
COUN	szSupplierCounty	String	25	County
ADDS	szSupplierState	String	3	State
ADDZ	szZipCodePostalCode	String	12	Postal Code
CTR	szSupplierCountry	String	3	Country
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date;
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URRF	szUserReservedReference	String	15	User Reserved Reference
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
CRRM	cCurrencyMode	Char	1	Currency Mode Foreign or Domestic Entry
CORD	mnOrderRevisionNumber	Numeric	3	Change Order Number
TXLN	szOrderTextAttachment	String	60	Message Text Line
TAX	szShipToTaxID	String	20	Tax ID
MLNM	szBillToMailingName	String	40	Name - Mailing
ADD1	szBillToAddressLine1	String	40	Address Line 1
ADD2	szBillToAddressLine2	String	40	Address Line 2
ADD3	szBillToAddressLine3	String	40	Address Line 3
ADD4	szBillToAddressLine4	String	40	Address Line 4
CTY1	szBillToCity	String	25	City
COUN	szBillToCounty	String	25	County
ADDS	szBillToState	String	3	State
ADDZ	szBillToPostalCode	String	12	Postal Code
CTR	szBillToCountry	String	3	Country
DEL1	szDeliveryInstructLine1	String	30	Delivery Instructions Line 1

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DEL2	szDeliveryInstructLine2	String	30	Delivery Instructions Line 2
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
EV01	cExternalEventType	Char	1	Event Point 01
ALKY	szSupplierDescriptive	String	20	Long Address Number
ALKY	szShipToDescriptive	String	20	Long Address Number
OKCO	szOriginalDocumentCompany	String	5	Document Company (Original Order)
OCTO	szOriginalOrderType	String	2	Original Order Type
RKCO	szRelatedOrderCompany	String	5	Company - Key (Related Order)
RORN	szRelatedPoSoNumber	String	8	Related PO/SO/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SO/WO Order Type
DRQJ	jdDateRequested	Date	6	Date - Requested
PDDJ	jdScheduledPickDate	Date	6	Date - Scheduled Pick
OPDJ	jdOriginalPromisedDeliveryDate	Date	6	Date - Original Promised Delivery
ADDJ	jdActualShipDate	Date	6	Date - Actual Ship Date
CNDJ	jdCancelDate	Date	6	Date - Cancel
PEFJ	jdPriceEffectiveDate	Date	6	Date - Price Effective Date
PPDJ	jdPromisedShipDate	Date	6	Date - Promised Shipment
PSDJ	jdFutureDate2	Date	6	Date - Future Date 2
VR01	szReference1	String	25	Reference
VR02	szReference2Vendor	String	25	Reference 2
RMK	szNameRemark	String	30	Name - Remark
DESC	szDescription	String	30	Description
TXLN	szPrintMessageText	String	60	Message Text Lin
TXCT	szCertificateTaxExempt	String	20	Certificate, Tax Exemption
CNID	szContainerID	String	20	Container I.D.

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ANBY	mnBuyerNumber	Numeric	8	Buyer Number
ANCR	mnCarrierNumber	Numeric	8	Carrier Number
PCRT	mnRetainagePercent	Numeric	7	Percent - Retainage
PRP5	szLandedCostRule	String	3	Purchasing Category Code 5
DOC1	mnDocumentOrderInvoice	Numeric	8	Document (Order #, Invoice, etc.)
DCT4	szDocumentType	String	2	Document Type
FAP	mnAmountForeignOpen	Numeric	15	Amount - Foreign Open
SIGNON	szLogInID	String	30	Sign On ID
PASSWD	szSharedSecret	String	50	Signon Password
AUTHURL	szAuthenticationURL	String	3000	Authentication URL
ALPH	szUserAgent	String	40	Name - Alpha
XMLSCH	szXMLSchema	String	30	XML Schema
FRMDMN	szFromDomain	String	31	Buyer organization's Credential Domain
FRMIDEN	szFromIdentity	String	31	Buyer organization's Credential Identity
TODMN	szToDomain	String	31	Supplier Credential Domain
TOIDEN	szToIdentity	String	31	Supplier Credential Identity
SENDDMN	szSenderDomain	String	31	Sender's Credential Domain
SENDIDEN	szSenderIdentity	String	31	Sender's Credential Identity
MACALGO	szMACAlgorithm	String	31	MAC Algorithm
MACTYPE	szMACCredentialType	String	31	Credential MAC TYPE
CREATEDT	szDateCreated	String	30	Creation Date
EXPIREDT	szDateExpired	String	30	Expiration Date
MACVALUE	szMACValue	String	301	MAC Credential Value
EMAL	szShipToEmail	String	256	Electronic Address
EMAL	szBillToEmail	String	256	Electronic Address

## Conceptual Approach

This realtime event is contained in the RTPOOUT event and is triggered whenever that event is triggered. The RTPOHDR event contains information from the Purchase Order Header table (F4301).

## Objects that Can Initiate the Event

These objects can initiate the RTPOHDR event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions
- P43360 - Release Open Quotations
- R43500 - Purchase Order Print
- R43510 - Purchase Receiver Print
- R47021 - EDI Inbound PO Acknowledgement
- R47132 - EDI Purchase Order Change Extraction
- R47141 - EDI Inbound PO Change Acknowledgement
- B3100200 - Update Routing Quantity and Date
- B3100410 - Update Purchase Order Hold Code
- B4300250 - Release Held Order
- B4300330 - Update PO Next Status
- B4301230 - F4311-Update Original PO Line
- B4300870 - F43092, Update Disposition Information
- N4002540 - F4211 Direct Ship Order Integrity
- N4301240 - Reverse Matched Voucher
- N4900330 - F4215 Approve Shipment
- N4900570 - Update F4211 and F49211 with Shipment Number
- N4900640 - F4215 Unapprove Shipment
- N4901130 - F4311 Update Purchase Order Detail with Routing
- XT4311Z1 - Purchase Order Entry Master Business Function
- XT4312Z1 - Purchase Order Receipts Master Business Function
- XT4314ZN - Voucher Match Master Business Function

## RTPODTL

RTPODTL is used by the JD Edwards EnterpriseOne system to notify third-party systems about purchase order changes.

<b>Event Name</b>	<i>RTPODTL</i>
<b>Event Description</b>	<i>Purchase Order Detail</i>

<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H43</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4302470B: Purchase Order Detail</i>
<b>Event Relationship</b>	Included in container event RTPOOUT.

### Event Fields

The RTPODTL event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number
MCU	szBranchPlant	String	12	Business Unit
AN8	mnSupplierAddressNumber	Numeric	8	Address Number
SHAN	mnShipToAddressNumber	Numeric	8	Address Number - Ship To
PRRC	mnPurchasingUnitCost	Numeric	15	Amount - Unit Cost
FRRC	mnForeignPurchasingUnitCost	Numeric	15	Amount - Foreign Unit Price
CRCD	szCurrencyCode	String	3	Currency Code - From
UORG	mnTransactionQuantity	Numeric	15	Units - Order/Transaction Quantity
UOM	szTransactionUnitOfMeasure	String	2	Unit of Measure as Input
UOM1	szPrimaryUnitOfMeasure	String	2	Unit of Measure - Primary
UOM3	szPurchasingUnitOfMeasure	String	2	Unit of Measure - Purchasing
DRQJ	jdRequestedDate	Date	6	Date - Requested
PDDJ	jdPromisedDeliveryDate	Date	6	Date - Scheduled Pick

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DSVJ	jdServiceTaxDate	Date	6	Date - Service/Tax
DSC1	szItemDescription	String	30	Description
UITM	szItemNumber	String	26	Item Number - Unknown Format Entered
ANI	szAccountNumber	String	29	Account Number - Input (Mode Unknown)
TX	cTaxableYN	Char	1	Purchasing Taxable (Y/N)
TXA1	szTaxRateArea	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode	String	2	Tax Exp Code1
TORG	szTransactionOriginator	String	10	Transaction Originator
VR02	szReference2Vendor	String	25	Reference 2
OORN	szOriginalPOSONumber	String	8	Original Order Number
VR01	szReference	String	25	Reference
PPDJ	jdPromisedShipDate	Date	6	Date - Promised Shipment
AEXP	mnExtendedCost	Numeric	15	Amount - Extended Price
FEA	mnForeignExtendedCost	Numeric	15	Amount - Foreign Extended Price
ASID	szAssetID	String	25	Serial Number
SBL	szSubledger	String	8	Sub ledger - G/L
SBLT	cSubledgerType	Char	1	Sub ledger Type
MOT	szModeOfTransport	String	3	Mode of Transport
ANCR	mnCarrier	Numeric	8	Carrier Number
PDP5	szLandedCostRule	String	3	Reporting Code 5 - Purchasing
OCTO	szOriginalOrderType	String	2	Original Order Type
OKCO	szOriginalOrderCompany	String	5	Document Company Original Order)
OGNO	mnOriginalOrderLineNumber	Numeric	7	Original Line Number
URCD	szUserReservedCode	String	2	User Reserved Code

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
OSFX	szOriginalOrderSuffix	String	3	Document Pay Item - Original
LITM	szSecondItemNumber	String	25	2nd Item Number
AITM	szThirdItemNumber	String	25	3rd Item Number
CITM	szSupplierItemNumber	String	25	Item Number - Customer /Supplier
UPCN	szUPCItemNumber	String	13	UPC Number
ALKY	szShipToDescriptive	String	20	Long Address Number
LOCN	szLocation	String	20	Location
LOTN	szLotNumber	String	30	Lot/Serial Number
UNCD	cWoOrderFreezeCode	Char	1	Work Order Freeze Code
PS01	cTransferDirectShipFlag	Char	1	Transfer/Direct Ship Flag
PDS1	szReportingCodeSales1	String	3	Reporting Code 1 - Sales
PDS2	szReportingCodeSales2	String	3	Reporting Code 2 - Sales
PDS3	szReportingCodeSales3	String	3	Reporting Code 3 - Sales
PDS4	szReportingCodeSales4	String	3	Reporting Code 4 - Sales
PDS5	szReportingCodeSales5	String	3	Reporting Code 5 - Sales
PDP1	szReportingCodePurchasing1	String	3	Reporting Code 1 - Purchasing
PDP2	szReportingCodePurchasing2	String	3	Reporting Code 2 - Purchasing
PDP3	szReportingCodePurchasing3	String	3	Reporting Code 3 - Purchasing
PDP4	szReportingCodePurchasing4	String	3	Reporting Code 4 - Purchasing
PDP5	szReportingCodePurchasing5	String	3	Reporting Code 5 - Purchasing
RORN	szRelatedOrderNumber	String	8	Related PO/SP/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SP/WO Order Type

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
RKCO	szRelatedOrderKeyCompany	String	5	Company - Key (Related Order)
RLLN	mnRelatedOrderLineNumber	Numeric	7	Related PO/SO Line Number
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeUpdated	Numeric	6	Time of Day
UOM	szPlanningUOM	String	2	Unit of Measure as Input
UOPN	mnPlanningQuantity	Numeric	15	Units - Open
MCU	szShippingBranchPlant	String	12	Business Unit
EV01	cAPSFlag	Char	1	APS Flag
EV01	cAPSSupplyDemandFlag	Char	1	APS Supply Demand Flag
ALPH	szAlphaName	String	40	Name - Alpha
UOPN	mnOpenQuantity	Numeric	15	Units - Open
ACTN	cOrderAction	Char	1	Order Action
NXTR	szNext Status	String	4	Order Next Status
LTTR	szLast Status	String	4	Order Last Status
LNTY	szLine Type	String	3	Line Type
CO	szCompany	String	5	Company
DMCT	szAgreementNumberDistribution	String	12	Agreement Number - Distribution
DMCS	mnAgreementSuppleDistribution	Numeric	3	Agreement Supplement - Distribution
TRDJ	jdOrderDate	Date	6	Date - Order/Transaction
OPDJ	jdDateOriginalPromisedDelivery	Date	6	Date - Original Promised Delivery
ADDJ	jdActualShipDate	Date	6	Date - Actual Ship Date
CNDJ	jdCancelDate	Date	6	Date - Cancel
DGL	jdGLDate	Date	6	Date - For G/L (and Voucher)
FRGD	szFromGrade	String	3	From Grade
THGD	szThruGrade	String	3	Thru Grade

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
FRMP	mnFromPotency	Numeric	7	From Potency
THRP	mnThruPotency	Numeric	7	Thru Potency
DSC2	szDescriptionLine2	String	30	Description - Line 2
RLIT	szItemNumberRelatedKit	String	8	Item Number - Related (Kit)
UCHG	mnUnitsOnHold	Numeric	15	Units - On Hold
UREC	mnUnitsReceived	Numeric	15	Units - Received
CREC	mnCumulativeReceived	Numeric	15	Units - Cumulative Received
URLV	mnUnitsRelieved	Numeric	15	Units - Relieved
OTQY	cOtherQuantity	Char	1	Other Quantity (1/2)
ACHG	mnAmountOnHold	Numeric	15	Amount - On Hold
AREC	mnAmountReceived	Numeric	15	Amount - Received
ARLV	mnAmountRelieved	Numeric	15	Amount - Relieved
FTN1	mnAmountTaxCommitment	Numeric	15	Amount - Tax Commitment
TRLV	mnTaxAmountRelieved	Numeric	15	Amount - Tax Relieved
AMC3	mnUnitCostPurchasing	Numeric	15	Unit Cost - Purchasing
ECST	mnAmountExtendedCost	Numeric	15	Amount - Extended Cost
TXLN	szPrintMessageText	String	60	Message Text Line
DSPR	mnDiscountFactor	Numeric	7	Discount Factor
PTC	szPaymentTermsCode	String	3	Payment Terms Code
CNID	szContainerID	String	20	Container I.D.
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
ANBY	mnBuyerNumber	Numeric	8	Buyer Number
PQOR	mnUnitsPrimaryQtyOrder	Numeric	15	Units - Primary Quantity Ordered
UOM2	szUnitOfMeasureSecondary	String	2	Unit of Measure - Secondary
SQOR	mnUnitsSecondaryQtyOrdered	Numeric	15	Units - Secondary Quantity Ordered
ITWT	mnAmountUnitWeight	Numeric	15	Unit Weight

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
WTUM	szWeightUnitOfMeasure	String	2	Weight Unit of Measure
ITVL	mnAmountUnitVolume	Numeric	15	Unit Volume
VLUM	szVolumeUnitOfMeasure	String	2	Volume Unit of Measure
RCD	szReasonCode	String	3	Reason Code
OMCU	szProjectBusinessUnit	String	12	Project Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
WR01	szCategoriesWorkOrder001	String	4	Categories - Work Order 01
PL	szPlan	String	4	Plan Number
ELEV	szElevation	String	3	Elevation
AVCH	cCodeAutomaticVoucher	Char	1	Code - Evaluated Receipt Settlement
RTGC	cRoutingProcessYN	Char	1	Routing Process (Y/N)
CORD	mnChangeOrderNumber	Numeric	3	Change Order Number
CHLN	mnChangeOrderLineNumber	Numeric	7	Change Order Line Number
CRR	mnCurrencyConverRate	Numeric	15	Currency Conversion Rate - Spot Rate
FUC	mnAmountForeignUnitCost	Numeric	15	Amount - Foreign Unit Cost
FEC	mnAmountForeignExtCost	Numeric	15	Amount - Foreign Extended Cost
FCHG	mnForeignChangedAmount	Numeric	15	Amount - Foreign Changed Amount
FAP	mnAmountForeignOpen	Numeric	15	Amount - Foreign Open
FREC	mnAmountReceivedForeign	Numeric	15	Amount - Received Foreign
VR05	szOutsideReverence2	String	25	Outside Reference 2
VR04	szOutsideReverence1	String	25	Outside Reference 1
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
PRJM	mnProjectNumber	Numeric	8	Project Number
MCLN	mnMatrixControlLine	Numeric	6	Matrix Control Line Number

Data Item / Alias	Structure Member Name	Data Type	Size	Description
MACT	cMultipleAccounts	Char	1	Multiple Accounts
KTLN	mnLineNumberKitMaster	Numeric	6	Kit Master Line Number
FTRL	mnTaxForeignAmountRelieved	Numeric	15	Amount - Foreign Tax Relieved
DUAL	cDualUnitOfMeasureItem	Char	1	Dual Unit Of Measure Item
DLEJ	jdLotEffectivityDate	Date	6	Lot Effectivity Date
CPNT	mnComponentLineNumber	Numeric	4	Component Line Number
VR03	szReferenceUCISNo	String	25	Reference
PMTN	szPromotionID	String	12	Promotion ID
UNSPSC	szUNSPSCCode	String	8	UNSPSC Commodity Code
CMDCDE	szCommodityCode	String	15	Commodity Code
UREC	mnQuantityReceivedPlanning	Numeric	15	Units - Received

### Conceptual Approach

This realtime event is contained in the RTPOOUT event and is triggered whenever that event is triggered. The RTPOHDR event contains information from the Purchase Order Detail table (F4311).

### Objects that Can Initiate the Event

These objects can initiate the RTPODTL event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions
- P43360 - Release Open Quotations
- R43500 - Purchase Order Print
- R43510 - Purchase Receiver Print
- R47021 - EDI Inbound PO Acknowledgement
- R47132 - EDI Purchase Order Change Extraction
- R47141 - EDI Inbound PO Change Acknowledgement
- B3100200 - Update Routing Quantity and Date
- B3100410 - Update Purchase Order Hold Code
- B4300250 - Release Held Order
- B4300330 - Update PO Next Status

- B4301230 - F4311-Update Original PO Line
- B4300870 - F43092, Update Disposition Information
- N4002540 - F4211 Direct Ship Order Integrity
- N4301240 - Reverse Matched Voucher
- N4900330 - F4215 Approve Shipment
- N4900570 - Update F4211 and F49211 with Shipment Number
- N4900640 - F4215 Unapprove Shipment
- N4901130 - F4311 Update Purchase Order Detail with Routing
- XT4311Z1 - Purchase Order Entry MBF
- XT4312Z1 - Purchase Order Receipts MBF
- XT4314ZN - Voucher Match MBF

## RTPODIST

RTPODIST is used by the JD Edwards EnterpriseOne system to notify third-party systems when purchase order header and detail information is created or changed.

<b>Event Name</b>	<i>RTPODIST</i>
<b>Event Description</b>	<i>PO MULTIPLE ACCOUNTS</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>43</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4302470C: Purchase Order Multiple Accounts</i>
<b>Event Relationship</b>	Included in container event RTPOOUT.

### Event Fields

The RTPODIST event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
KCOO	szOrderCompany	String	5	Order Company (Order Number)
DOCO	mnOrderNumber	Number	8	Document (Order No, Invoice)
DCTO	szOrderType	String	2	Order Type
SFXO	szOrderSuffix	String	3	Order Suffix

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
LNID	mnLineNumber	Number	6	Line Number
DLNID	mnDistributionLineNumber	Number	6	Distribution Line Number
ANI	szAccountNo	String	29	Account Number - Input (Mode)
AID	szAccountId	String	8	Account ID
OMCU	szProjectBusinessUnit	String	12	Project Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
DL01	szDescription	String	30	Description
SBL	szSubledger	String	8	Subledger - G/L
SBLT	cSubledgerType	Char	1	Subledger Type
DGL	jdGLDate	Date	6	Date - For G/L (and Voucher)
R001	szCategoryCodeGl001	String	3	Category Code - G/L1
CO	szCompany	String	5	Company
MAST	cSplitType	Char	1	Split Type
MASP	mnSplitPercentage	Number	7	Split - Percentage
MASA	mnSplitAmount	Number	15	Split - Amount
MASU	mnSplitQuantity	Number	15	Split - Quantity
UOVR	cSplitQuantityOverride	Char	1	Split Quantity Override
MASF	mnSplitForeignAmount	Number	15	Split - Foreign Amount
UORG	mnUnitsTransactionQty	Number	15	Units - Order/Transaction
UCHG	mnUnitsOnHold	Number	15	Units - On Hold
UOPN	mnUnitsOpen	Number	15	Units - Open
UREC	mnUnitsReceived	Number	15	Units - Received
URLV	mnUnitsRelieved	Number	15	Units - Relieved
AEXP	mnAmountExtendedPrice	Number	15	Amount - Extended Price
ACHG	mnAmountOnHold	Number	15	Amount - On Hold

Data Item / Alias	Structure Member Name	Data Type	Size	Description
AOPN	mnAmountOpen	Number	15	Amount - Open
AREC	mnAmountReceived	Number	15	Amount - Received
ARLV	mnAmountRelieved	Number	15	Amount - Relieved
FTN1	mnAmountTaxCommitment	Number	15	Amount - Tax Commitment
TRLV	mnTaxAmountRelieved	Number	15	Amount - Tax Relieved
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From
FEA	mnAmountForeignExtPrice	Number	15	Amount - Foreign Extended
FCHG	FomnreignChangedAmount	Number	15	Amount - Foreign Changed
FAP	mnAmountForeignOpen	Number	15	Amount - Foreign Open
FREC	mnAmountReceivedForeign Order	Number	15	Amount - Received Foreign
CTAM	mnForeignTaxAmount	Number	15	Amount - Foreign Tax
FTRL	mnTaxForeignAmountRelieved	Number	15	Amount - Foreign Tax Relieved
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Number	15	User Reserved Amount
URAB	mnUserReservedNumber	Number	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
ACTN	cOrderAction	Char	1	Order Action

### Conceptual Approach

This realtime event is contained in the RTPOOUT event and is triggered whenever that event is triggered. The RTPOHDR event contains information from the Purchase Order Multiple Accounts table (F4316).

### Objects that Can Initiate the Event

These objects can initiate the RTPODIST event:

- P43025 - PO Speed Status Update
- P43060 - Blanket Order Release
- P43081 - Purchase Order Approvals
- P43100 - Purchasing Date Revisions
- P43360 - Release Open Quotations

- R43500 - Purchase Order Print
- R43510 - Purchase Receiver Print
- R47021 - EDI Inbound PO Acknowledgement
- R47132 - EDI Purchase Order Change Extraction
- R47141 - EDI Inbound PO Change Acknowledgement
- B3100200 - Update Routing Quantity and Date
- B3100410 - Update Purchase Order Hold Code
- B4300250 - Release Held Order
- B4300330 - Update PO Next Status
- B4301230 - F4311-Update Original PO Line
- B4300870 - F43092, Update Disposition Information
- N4002540 - F4211 Direct Ship Order Integrity
- N4301240 - Reverse Matched Voucher
- N4900330 - F4215 Approve Shipment
- N4900570 - Update F4211 and F49211 with Shipment Number
- N4900640 - F4215 Unapprove Shipment
- N4901130 - F4311 Update Purchase Order Detail with Routing
- XT4311Z1 - Purchase Order Entry MBF
- XT4312Z1 - Purchase Order Receipts MBF
- XT4314ZN - Voucher Match MBF

## RTRECOUT

RTRECOUT is used by the JD Edwards EnterpriseOne system to notify third-party systems when a purchase order receipt is created.

<b>Event Name</b>	<i>RTRECOUT</i>
<b>Event Description</b>	<i>Receipt Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>43B</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4303420: Receipt Realtime Event Template</i>

### Event Fields

The RTRECOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
EV01	cReceiptAction	Char	1	JD Edwards EnterpriseOne Event Point 01
MATC	cMatchType	Char	1	Type - Match Record Type
AN8	mnSupplierNumber	Numeric	8	Address Number
KCOO	szOrderCompany	String	5	Order Company (Order Number)
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnLineNumber	Numeric	6	Line Number
NLIN	mnReceiptLineNumber	Numeric	5	Number of Lines
ALIN	mnAssociatedLine	Numeric	5	Line - Associated
RTBY	szWrittenByProgram	String	2	Written By Program
DMCT	szAgreementNumberDistribution	String	12	Agreement Number - Distribution
DMCS	mnAgreementSuppDistribution	Numeric	3	Agreement Supplement - Distribution
ITM	mnIdentifierShortItem	Numeric	8	Item Number - Short
LITM	szIdentifier2ndItem	String	25	2nd Item Number
AITM	szIdentifier3rdItem	String	25	3rd Item Number
IMCU	szItemBusinessUnit	String	12	Item Business Unit
LOCN	szLocation	String	20	Location
LOTN	szLotSerialNumber	String	30	Lot/Serial Number
LOTG	szLotGrade	String	3	Lot Grade
LOTP	mnLotPotency	Numeric	15	Lot Potency
VRMK	szVendorRemark	String	30	Supplier Remark
CNID	szContainerID	String	20	Container I.D.
NXTR	szStatusCodeNext	String	3	Status Code - Next
LTTR	szStatusCodeLast	String	3	Status Code - Last

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TRDJ	jdTransactionDate	Date	6	Date - Order/Transaction
RCDJ	jdDateReceived	Date	6	Date - Received
DRQJ	jdDateRequested	Date	6	Date - Requested
PDDJ	jdPromisedDeliveryDate	Date	6	Date - Scheduled Pick
OPDJ	jdDateOriginalPromised	Date	6	Date - Original Promised Delivery
RCD	szReasonCode	String	3	Reason Code
VINV	szVendorInvoiceNumber	String	25	Supplier Invoice Number
PTC	szPaymentTermsCode	String	3	Payment Terms Code
LAND	cLandedCostCode	Char	1	Code - Landed Cost
PRP5	szPuchasingCategoryCode5	String	3	Purchasing Category Code 5
ILOG	cInvoiceLoggingCode	Char	1	Code - Invoice Logging
DLOG	cFinalReceiptFlag	Char	1	Final Receipt Flag (Y or BLANK)
RTGC	cRoutingProcessYN	Char	1	Routing Process (Y/N)
RCPF	cLeadtimeRecalculated	Char	1	Leadtime Recalculated (Y/N)
AVCH	cEvaluatedReceiptSettlement	Char	1	Code - Evaluated Receipt Settlement
LNTY	szLineType	String	2	Line Type
MCU	szBusinessUnit	String	12	Business Unit
CO	szCompany	String	5	Company
AID	szAccountId	String	8	Account ID
ANI	szAcctNoInputMode	String	29	Account Number - Input (Mode Unknown)
OMCU	szProjectBusinessUnit	String	12	Project Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
ASID	szSerialNumber	String	25	Serial Number
SBL	szSubledger	String	8	Subledger - G/L

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SBLT	cSubledgerType	Char	1	Subledger Type
KCO	szDocumentCompany	String	5	Document Company
DOC	mnDocVoucherInvoiceNumber	Numeric	8	Document (Voucher, Invoice, etc.)
DCT	szDocumentType	String	2	Document Type
SFX	szDocumentPayItem	String	3	Document Pay Item
DGL	jdDateForGLAndVoucher	Date	6	Date - For G/L (and Voucher)
JELN	mnJournalEntryLineNo	Numeric	7	Journal Entry Line Number
VANI	szRecNotVoucherAccount	String	29	Account Number - Received Not Vouchered
TX	cTaxableYN	Char	1	Purchasing Taxable (Y/N)
EXR1	szTaxExplanationCode	String	2	Tax Expl Code 1
TXA1	szTaxArea	String	10	Tax Rate/Area
UOM	szUnitOfMeasureAsInput	String	2	Unit of Measure as Input
UORG	mnUnitsTransactionQty	Numeric	15	Units - Order/Transaction Quantity
UPTD	mnQuantityPaidToDate	Numeric	15	Units - Paid to Date
UOPN	mnUnitsOpenQuantity	Numeric	15	Units - Open
UREC	mnUnitsReceived	Numeric	15	Units - Received
UCLO	mnUnitsClosed	Numeric	15	Units - Closed
QTYS	mnQuantityStocked	Numeric	15	Units - Stocked
QTYR	mnQuantityReturned	Numeric	15	Units - Returned
QTYW	mnQuantityReworked	Numeric	15	Units - Reworked
QTYC	mnQuantityScrapped	Numeric	15	Units - Scrapped
QTYJ	mnQuantityRejected	Numeric	15	Units - Rejected
QTYA	mnQuantityAdjusted	Numeric	15	Units - Adjusted
UOM3	szUnitOfMeasurePurchasing	String	2	Unit of Measure - Purchasing
PRRC	mnUnitCost	Numeric	15	Amount - Unit Cost

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ECST	mnAmountExtendedCost	Numeric	15	Amount - Extended Cost
APTD	mnAmountPaidToDate	Numeric	15	Amount - Paid to Date
AOPN	mnAmountOpen	Numeric	15	Amount - Open
AREC	mnAmountReceived	Numeric	15	Amount - Received
ACLO	mnAmountClosed	Numeric	15	Amount - Closed
AVCO	mnAverageCostDifference	Numeric	15	Amount - Average Cost Difference
VARC	mnCostVariance	Numeric	15	Amount - Cost Variance
CRCD	szCurrencyCodeFrom	String	3	Currency Code - From
CRR	mnCurrencyConverRate	Numeric	15	Currency Conversion Rate - Spot Rate
FRRC	mnForeignUnitCost	Numeric	15	Amount - Foreign Unit Price
FEC	mnAmountForeignExtCost	Numeric	15	Amount - Foreign Extended Cost
FAP	mnAmountForeignOpen	Numeric	15	Amount - Foreign Open
FAPT	mnAmountForeignPaidTd	Numeric	15	Amount - Foreign Amount Paid to Date
FREC	mnAmountReceivedForeign	Numeric	15	Amount - Received Foreign
FCLO	mnForeignAmountClosed	Numeric	15	Amount - Foreign Closed
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
TORG	szTransactionOriginator	String	10	Transaction Originator
USER	szUserId	String	10	User ID
PID	szProgramId	String	10	Program ID
JOBN	szWorkStationId	String	10	Work Station ID
TERM	szTerminalIdentification	String	10	terminal identification

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeOfDay	Numeric	6	Time of Day
BCRC	szCurrencyCodeBase	String	3	Currency Code - Base
STAM	mnAmtTax	Numeric	15	Amount - Tax
CTAM	mnForeignTaxAmount	Numeric	15	Amount - Foreign Tax
MACT	cMultipleAccounts	Char	1	Multiple Accounts
PLT	szSSCCNumberTareLevel	String	18	SSCC Number - Tare Level
PAK	szSSCCNumberPackLevel	String	18	SSCC Number - Pack Level
SCCN	szSCCNumber	String	14	SCC Number
SCCQ	mnSCCQuantity	Numeric	15	SCC Quantity
SCUM	szSCCUnitofMeasure	String	2	SCC Unit of Measure
UPCN	szUPCNumber	String	13	UPC Number
UPQT	mnUPCQuantity	Numeric	15	UPC Quantity
UPUM	szUPCUnitofMeasure	String	2	UPC Unit of Measure
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
VR01	szReference	String	25	Reference
VR02	szReference2Vendor	String	25	Reference 2
FUF3	szFutureUseFuf3	String	1	Future Use
FUF4	szFutureUseFuf4	String	1	Future Use
FUF5	szFutureUseFuf5	String	1	Future Use
FUF6	szFutureUseFuf6	String	1	Future Use
MERL	szItemRevisionLevel	String	3	Item Revision Level
KTLN	mnLinNumberKitMaster	Numeric	6	Kit Master Line Number
CPNT	mnComponentLineNumber	Numeric	4	Component Line Number
VR04	szOutsideReverence1	String	25	Outside Reference 1
VR05	szOutsideReverence2	String	25	Outside Reference 2

Data Item / Alias	Structure Member Name	Data Type	Size	Description
UOM2	szUnitOfMeasureSecondary	String	2	Unit of Measure - Secondary
DUAL	cDualUnitOfMeasureItem	Char	1	Dual Unit Of Measure Item
SQOR	mnUnitsSecondaryQtyOrdered	Numeric	15	Units - Secondary Quantity Ordered
XDCK	cCrossDockFlag	Char	1	Cross-Docking Flag
POE	szPortOfEntryExit	String	6	Port of Entry or Exit
VR03	szReferenceUCISNo	String	25	Reference
LDNM	mnLoadNumber	Numeric	8	Load Number

### Conceptual Approach

This event is triggered when a purchase order receipt is created in the JD Edwards EnterpriseOne system.

### Objects that Can Initiate the Event

These objects can initiate the RTRECOU event:

- B4301300 - F43121 Update Landed Cost Records
- B4301440 - F43121 Copy Row With New Receipt Line Number
- B7600400 - Receive NF Records - Brazil
- B7602020 - Add Lines to Receipt File - Brazil
- NXT43092 - Receipt Routing
- X43091 - Receipt Routing Initiator
- XF43121 - Purchase Order Item Ledger Functions
- N4301430 - F43121 Update Line Split In Receipt Routing
- B4300720 - F43121, Update Receipt Date
- P4312 - PO RECEIPTS

### RTPOHLDOUT

RTPOHLDOUT is used by the JD Edwards EnterpriseOne system to notify third-party systems when a purchase order hold is released.

<b>Event Name</b>	<i>RTPOHLDOUT</i>
<b>Event Description</b>	<i>PO Hold Status Real Time Event</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>43</i>

**Reliable Delivery** *1*

**Delivery Timeout Threshold** *0*

**Data Structure** *D4302700B: PO Hold Status Real Time Event*

### Event Fields

The RTPOHLDOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
KCOO	szOrderCompany	String	5	Order Company (Order Number)
DOCO	mnOrderNumber	Number	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
SFXO	szOrderSuffix	String	3	Order Suffix
MCU	szOrderBusinessUnit	String	12	Business Unit
EV01	cOrderHoldStatus	Char	1	JD Edwards EnterpriseOne Event Point 01
HOLD	szHoldOrdersCode	String	2	Hold Orders Code

### Conceptual Approach

When a held purchase order is released from the Held Order Release application (P43070) in the JD Edwards EnterpriseOne system, the Release Held Order business function (B4300250) is called to removed the order hold code from the Purchase Order Header table (F4301) and the held order is released in the JD Edwards EnterpriseOne system. After the order hold code is removed from the F4301 table, the PO Hold Status Real Time Event Notification business function (B4302700) is called in B4300250 to generate a realtime notification event (PO Hold Status Real Time Event). This event contains purchase order key, PO business unit, and a hold status flag that indicates the held order is released.

### Objects that Can Initiate the Event

The Release Held Orders program (P4307070) can initiate the RTPOHLDOUT event.

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## Sales

This section discusses the realtime events generated by Sales Order Management system.

## RTINVOUT

RTINVOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems that an invoice has been created or changed. This transaction is for the publishing information required to meet the RosettaNet standards.

<b>Event Name</b>	<i>RTINVOUT</i>
<b>Event Description</b>	<i>InvoiceManageNotify</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Container event for: <ul style="list-style-type: none"> <li>• RTINVOUTA (D4202330B)</li> <li>• RTINVOUTB (D4202330C)</li> </ul>
<b>Product Code</b>	<i>H42</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Timeout Threshold</b>	<i>0</i>

### Event Fields

Please see the associated single events for lists of event fields.

### Conceptual Approach

When a new Invoice Number, Invoice Type, or Invoice Company is assigned to a sales order detail record in the Sales Order Detail (F4211) table, the RTINVOUT realtime event is published.

### Objects that Can Initiate the Event

These objects can initiate the RTINVOUT event:

- D4202330 - Invoice Real Time Event Notification
- R42565 - Invoice Print
- R42800 - Sales Update (This is published only when a new Invoice Number, Invoice Type, and Invoice Company is assigned to a sales order.)

## RTINVOUTA

RTINVOUTA is used by the JD Edwards EnterpriseOne system to inform third-party systems that an invoice has been created or changed. This transaction is for the publishing information required to meet the RosettaNet standards.

<b>Event Name</b>	<i>RTINVOUTA</i>
<b>Event Description</b>	<i>InvoiceManageNotify Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H42</i>

<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4202330B: Invoice Header for Invoice Real Time Event DS</i>
<b>Event Relationship</b>	Included in container event RTINVOUT.

### Event Fields

The RTINVOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
DOC	mnInvoiceNumber_DOC	Numeric	8	Document (Voucher, Invoice, etc.)
DCT	szInvoiceType_DCT	String	2	Document Type
KCO	szInvoiceCompan_KCO	String	5	Document Company
MCU	szHeaderBranchPlant_MCU	String	12	Business Unit
CO	szCompany	String	5	Company
AN8	mnSoldToAddressNumber_AN8	Numeric	8	Address Number
ALKY	szSoldToDescriptive_ALKY	String	20	Long Address Number
TAX	szSoldToTaxId_TAX	String	20	Tax ID
MLNM	szSoldToMainingName_MLNM	String	40	Name - Mailing
ADD1	szSoldToAddressLine1_ADD1	String	40	Address Line 1
ADD2	szSoldToAddressLine2_ADD2	String	40	Address Line 2
ADD3	szSoldToAddressLine3_ADD3	String	40	Address Line 3
ADD4	szSoldToAddressLine4_ADD4	String	40	Address Line 4
CTY1	szSoldToCity_CTY1	String	25	City
COUN	szSoldToCounty_COUN	String	25	County
ADDS	szSoldToState_ADDS	String	3	State
CTR	szSoldToCountry_CTR	String	3	Country
ADDZ	szSoldtoPostalCode_ADDZ	String	12	Postal Code
AN8	mnBillToAddressNumber_AN8	Numeric	8	Address Number
ALKY	szBillToAlternateAddress_ALKY	String	20	Long Address Number

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TAX	szBillToTaxId_TAX	String	20	Tax ID
MLNM	szBillToMailingName_MLNM	String	40	Name - Mailing
ADD1	szBillToAddressLine1_ADD1	String	40	Address Line 1
ADD2	szBillToAddressLine2_ADD2	String	40	Address Line 2
ADD3	szBillToAddressLine3_ADD3	String	40	Address Line 3
ADD4	szBillToAddressLine4_ADD4	String	40	Address Line 4
CTY1	szBillToCity_CTY1	String	25	City
ADDS	szBillToState_ADDS	String	3	State
COUN	szBillToCounty_COUN	String	25	County
CTR	szBillToCountry_CTR	String	3	Country
ADDZ	szBillToPostalCode_ADDZ	String	12	Postal Code
AN8	mnRemitToAddressNumber_AN8	Numeric	8	Address Number
ALKY	szRemitToDescriptive_ALKY	String	20	Long Address Number
TAX	szRemitToTaxId_TAX	String	20	TaxID
MLNM	szRemitToMailingName_MLNM	String	40	Name - Mailing
ADD1	szRemitToAddressLine1_ADD1	String	40	Address Line 1
ADD2	szRemitToAddressLine2_ADD2	String	40	Address Line 2
ADD3	szRemitToAddressLine3_ADD3	String	40	Address Line 3
ADD4	szRemitToAddressLine4_ADD4	String	40	Address Line 4
CTY1	szRemitToCity_CTY1	String	25	City
COUN	szRemitToCounty_COUN	String	25	County
ADDS	szRemitToState_ADDS	String	3	State
CTR	szRemitToCountry_CTR	String	3	Country
ADDZ	szRemitToPostalCode_ADDZ	String	12	Postal Code
MCU	szShipFrom_MCU	String	12	Business Unit
CRCD	szCurrencyCode_CRCD	String	3	Currency Code - From

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ITOL	mnInvoiceTotalAmount_ITOL	Numeric	15	Amount - Invoice
PTC	szPaymentTermsCode_PTC	String	3	Payment Terms Code
DDJ	jdPaymentDueDate_DDJ	Date	6	Date - Net Due
IDSC	mnPaymentDiscountAmount_IDSC	Numeric	15	Amount - Invoice Discount Available
IND	jdInvoiceDate_IND	Date	6	Date - Invoice
TAX1	cSalesTaxable_TAX1	Char	1	Sales Taxable (Y/N)
TXA1	szTaxRateArea_TXA1	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode_EXR1	String	2	Tax Expl Code 1
STAM	mnTaxAmount_STAM	Numeric	15	Amount - Tax
VR01	szTextAttachment_VR01	String	25	Reference
EV01	cReBill_EV01	Char	1	J.D. PeopleSoft Enterprise Event Point 01

## Conceptual Approach

When a new Invoice Number, Invoice Type, or Invoice Company is assigned to a sales order detail record in the Sales Order Detail (F4211) table, the RTINVOUT realtime event is published. The RTINVOUT includes the RTINVOUTA event. The RTINVOUTA event contains sales order header information.

## Objects that Can Initiate the Event

These objects can initiate the RTINVOUTA event:

- D4202330 - Invoice Real Time Event Notification
- R42565 - Invoice Print
- R42800 - Sales Update (This is published only when a new Invoice Number, Invoice Type, and Invoice Company is assigned to a sales order.)

## RTINVOUTB

RTINVOUTB is used by the JD Edwards EnterpriseOne system to inform third-party systems that an invoice has been created or changed. This transaction is for the publishing information required to meet the RosettaNet standards.

<b>Event Name</b>	<i>RTINVOUTB</i>
<b>Event Description</b>	<i>InvoiceManageNotify Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>

<b>Product Code</b>	<i>H42</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4202330C: Invoice Detail for Real Time Events DS</i>
<b>Event Relationship</b>	Included in container event RTINVOUT.

### Event Fields

The RTINVOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
LNID	mnInvoiceLineNumber_LNID	Numeric	6	Line Number
DOCO	mnDocumentOrderInvoice_DOCCO	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType_DCTO	String	2	Order Type
KCCO	szCompanyKeyOrderNo_KCCO	String	5	Order Company (Order Number)
SFXO	szOrderSuffix_SFXO	String	3	Order Suffix
LNID	mnOrderLineNumber_LNID	Numeric	6	Line Number
MCU	szDetailBranchPlant_MCU	String	12	Business Unit
SHAN	mnShipToAddressNumber_SHAN	Numeric	8	Address Number - ShipTo
ALKY	szShipToAlternateAddress_ALKY	String	20	Long Address Number
TAX	szShipToTaxId_TAX	String	2–	Tax ID
MLNM	szShipToMailingName_MLNM	String	40	Name - Mailing
ADD1	szShipToAddressLine1_ADD1	String	40	Address Line 1
ADD2	szShipToAddressLine2_ADD2	String	40	Address Line 2
ADD3	szShipToAddressLine3_ADD3	String	40	Address Line 3
ADD4	szShipToAddressLine4_ADD4	String	40	Address Line 4
CTY1	szShipToCity_CTY1	String	25	City
COUN	szShipToCounty_COUN	String	25	County
ADDS	szShipToState_ADDS	String	3	State
CTR	szShipToCountry_CTR	String	3	Country

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ADDZ	szShipToPostalCode_ADDZ	String	12	Postal Code
TRDJ	jdOrderDate_TRDJ	Date	6	Date - Order/Transaction
ADDJ	jdShipmentDate_ADDJ	Date	6	Shipment Date
ITM	mnShortItemNumber_ITM	Numeric	8	Item Number - Short
LITM	szIdentifier2ndItem_LITM	String	25	2 <sup>nd</sup> Item Number
AITM	szIdentifier3rdItem_AITM	String	25	3 <sup>rd</sup> Item Number
CITM	szPartnerItemNumber_CITM	String	25	Item Number - Customer /Supplier
UPCN	szUPCEANItemNumber_UPCN	String	13	UPC Number
CRCD	szCurrencyCode_CRCD	String	3	Currency Code - From
AEXP	mnAmountExtendedPrice_AEXP	Numeric	15	Amount - Extended Price
ATAT	mnPrepaymentAmount_ATAT	Numeric	15	Prepayment Amount
AEXP	mnAdjustmentAmount_AEXP	Numeric	15	Amount - Extended Price
TAX1	cSalesTaxableYN_TAX1	Char	1	Sales Taxable (Y/N)
TXA1	szTotalTaxRateArea_TXA1	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode_EXR1	String	2	Tax Expl Code 1
STAM	mnTotalTaxAmount_STAM	Numeric	15	Amount - Tax
TA1	mnTaxAuthority1_TA1	Numeric	8	Tax Authority
STAM	mnTaxAuthority1TaxAmount_STAM	Numeric	15	Amount - Tax
TXR1	mnTaxAuthority1TaxRate_TXR1	Numeric	7	Tax Rate 1
TA2	mnTaxAuthority2_TA2	Numeric	8	Tax Authority 2
STAM	mnTaxAuthority2TaxAmount_STAM	Numeric	15	Amount - Tax
TXR2	mnTaxAuthority2TaxRate_TXR2	Numeric	7	Tax Rate 2
TA3	mnTaxAuthority3_TA3	Numeric	8	Tax Authority 3
STAM	mnTaxAuthority3TaxAmount_STAM	Numeric	15	Amount - Tax
TXR3	mnTaxAuthority3TaxRate_TXR3	Numeric	7	Tax Rate 3
TA4	mnTaxAuthority4_TA4	Numeric	8	Tax Authority 4

Data Item / Alias	Structure Member Name	Data Type	Size	Description
STAM	mnTaxAuthority4TaxAmount_STAM	Numeric	15	Amount - Tax
TXR4	mnTaxAuthority4TaxRate_TXR4	Numeric	7	Tax Rate 4
TA5	mnTaxAuthority5_TA5	Numeric	8	Tax Authority 5
STAM	mnTaxAuthority5TaxAmount_STAM	Numeric	15	Amount - Tax
TXR5	mnTaxAuthority5TaxRate_TXR5	Numeric	7	Tax Rate 5
SOQS	mnQuantityShipped_SOQS	Numeric	15	Quantity Shipped
SOBK	mnQuantityBackorHeld_SOBK	Numeric	15	Units - Qty Backordered/Held
SOCN	mnQuantityCanceled_SOCN	Numeric	15	Units - Quantity Canceled /Scrapped
UORG	mnTransactionQuantity_UORG	Numeric	15	Units - Order/Transaction Quantity
UOM	szTransactionUnitOfMeasure_UOM	String	2	Unit of Measure as Input
SHPN	mnShipmentNumber_SHPN	Numeric	8	Shipment Number
MOT	szModeOfTransport_MOT	String	3	Mode of Transport
FRTH	szFreightHandlingCode_FRTH	String	3	Freight Handling Code
CARS	mnCarrier_CARS	Numeric	8	Carrier Number
ALKY	szCarrierDescriptive_ALKY	String	20	Long Address Number
PSN	mnPickSlipNumber_PSN	Numeric	8	Pick Slip Number
UPRC	mnUnitPrice_UPRC	Numeric	15	Amount - Price per Unit

## Conceptual Approach

When a new Invoice Number, Invoice Type, or Invoice Company is assigned to a sales order detail record in the Sales Order Detail (F4211) table, the RTINVOUT realtime event is published. The RTINVOUT includes the RTINVOUTB event. The RTINVOUTB event contains sales order detail information.

## Objects that Can Initiate the Event

These objects can initiate the RTINVOUTB event:

- D4202330 - Invoice Real Time Event Notification
- R42565 - Invoice Print
- R42800 - Sales Update (This is published only when a new Invoice Number, Invoice Type, and Invoice Company is assigned to a sales order.)

## RTSOOUT

The RTSOOUT event is used by the JD Edwards EnterpriseOne system to publish sales order header and detail information.

<b>Event Name</b>	<i>RTSOOUT</i>
<b>Event Description</b>	<i>Sales Order</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Container event for:
	<ul style="list-style-type: none"> <li>• RTSOHDR (D4202310A)</li> <li>• RTSODTL (D4202310B)</li> </ul>
<b>Product Code</b>	<i>H42</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

### Event Fields

Please refer to the list of fields defined for the RTSOHDR and RTSODTL single events.

### Conceptual Approach

When a user creates, modifies, or cancels a sales order, the system triggers a notification event for the WSG integration to publish. This notification event, RTSOOUT, contains two separate events: RTSOHDR and RTSODTL. The RTSOHDR event contains all information pertinent to the sales order header. The RTSODTL event contains all information pertinent to each sales order detail line. Supplemental to the primary RTSOOUT event, the WSG integration also publishes an RTSOAPS event, which will include supply and demand information as well as sales order quantities in a common unit of measure (defined in integration constants).

### Objects that Can Initiate the Event

These objects can initiate the RTSOOUT event:

- P4210 - Sales Order Entry
- P42101 - Sales Order Entry
- B4202320 - Sales Order Real-Time Event Notify Function
- B4200310 - Sales Order Entry Master Business Function
- P42040 - Sales Order Speed Status Update
- B4201220 - Update F4211 And F42199
- R42565 - Invoice Print
- R42800 - Sales Update
- B4003000 - XPILoadUnloadCache Business Function
- B4003000 - XPIPublishEvents Business Function
- B4003000 - XPIEIOEnabled Business Function

- B4003010 - XPILoadUnloadCache Business Function
- B4003010 - XPIPublishEvents Business Function
- B4003010 - XPIEIOEnabled Business Function
- R42520 - Print Pick Slip
- R42521 - Packaged Pick Slip
- R42522 - Control Pick Slip
- R42997 -Inventory Commitment
- R42995 - Repost Active Sales Order
- B4200250 -F4201 Update Order Totals
- B4200640 -F4211 Update Pick Slip Information
- B4200920 -F4211 Get Shipment Info Source File
- B4200380 - Inventory Availability and Commitment
- B4200450 - Advanced Sales Order Detail Line Split
- N4200790 - Shipment Confirmation
- P42117 - Backorder Release Online
- B4200860 - Backorder Release MBF
- B4200740 - Update Misc. F4201 Fields
- B4200970 - F4211 Update Backorder Info
- R42530 - Bill of Lading
- B4200330 - Update Misc F4211 Fields
- R42535 - Delivery Notes Print
- R49700 - Cycle Billing Program
- R42810 - Sales Journal
- B4201300 - F42UI130 F4211 SO Detail Line Split
- R47131 - EDI Inbound Purchase Order Change
- N4900330 - Update Sales Detail with Shipment Routing
- N4600455 - Change F4211 SO Detail File

## RTSOHDR

RTSOHDR is used by the JD Edwards EnterpriseOne system to publish sales order header information.

<b>Event Name</b>	<i>RTSOHDR</i>
<b>Event Description</b>	<i>Sales Order Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H42</i>

**Reliable Delivery** *1*

**Delivery Timeout Threshold** *0*

**Data Structure** *D4202310A: Sales Order Header*

**Event Relationship** Included in container event RTSOOUT.

### Event Fields

The RTSOHDR event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cOrderAction	Char	1	Action Code
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
MCU	szHeaderBranchPlant	String	12	Business Unit
CO	szCompany	String	5	Company
OORN	szOriginalPOSONumber	String	8	Original Order Number
ORBY	szOrderedBy	String	10	Ordered By
TKBY	szOrderTakenBy	String	10	OrderTaken By
HOLD	szHoldCode	String	2	Hold Orders Code
EV01	cQuoteFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01
AN8	mnSoldToAddressNumber	Numeric	8	Address Number
MLNM	szSoldToNameMailing	String	40	Name - Mailing
ADD1	szSoldToAddressLine1	String	40	Address Line 1
ADD2	szSoldToAddressLine2	String	40	Address Line 2
ADD3	szSoldToAddressLine3	String	40	Address Line 3
ADD4	szSoldToAddressLine4	String	40	Address Line 4
ADDZ	szSoldToZipCode	String	12	Postal Code
CTY1	szSoldToCity	String	25	City

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
COUN	szSoldToCounty	String	25	County
ADDS	szSoldToState	String	3	State
CTR	szSoldToCountry	String	3	Country
SHAN	mnShipToAddressNumber	Numeric	8	Address Number - Ship To
MLNM	szShipToMailingName	String	40	Name - Mailing
ADD1	szShipToAddressLine1	String	40	Address Line 1
ADD2	szShipToAddressLine2	String	40	Address Line 2
ADD3	szShipToAddressLine3	String	40	Address Line 3
ADD4	szShipToAddressLine4	String	40	Address Line 4
ADDZ	szShipToZipCode	String	12	Postal Code
CTY1	szShipToCity	String	25	City
COUN	szShipToCounty	String	25	County
ADDS	szShipToState	String	3	State
CTR	szShipToCountry	String	3	Country
TRDJ	jdTransactionDate	Date	6	Date - Order/Transaction
DRQJ	jdRequestDate	Date	6	Date - Requested
PDDJ	jdScheduledPickDate	Date	6	Date - Scheduled Pick
PPDJ	jdPromisedShipDate	Date	6	Date - Promised Shipment
OPDJ	jdOriginalPromisedDate	Date	6	Date - Original Promised Delivery
CNDJ	jdCancelDate	Date	6	Date - Cancel
VR01	szReference	String	25	Reference
DEL1	szDeliveryInstruction1	String	30	Delivery Instructions Line 1
DEL2	szDeliveryInstruction2	String	30	Delivery Instructions Line 2
INMG	szPrintMessage	String	10	Print Message
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
TRDC	mnDiscountTrade	Numeric	7	Discount - Trade

Data Item / Alias	Structure Member Name	Data Type	Size	Description
PTC	szPaymentTerms	String	3	Payment Terms Code
RYIN	cPaymentInstrument	Char	1	Payment Instrument
CRCD	szCurrencyCode	String	3	Currency Code - From
CRR	mnCurrencyConvertRate	Numeric	15	Currency Convert Rate - Spot Rate
TXA1	szTaxArea	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode	String	2	Tax Expl Code 1
OTOT	mnOrderTotal	Numeric	15	Amount - Order Gross
FAP	mnForeignOrderTotal	Numeric	15	Amount - Foreign Open
CRRM	cCurrencyMode	Char	1	Currency Mode—Foreign or Domestic Entry
EV01	cPublishToXPIxFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01
ALKY	szShipToDescriptive	String	20	Long Address Number
ALKY	szSoldToDescriptive	String	20	Long Address Number
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
ADDJ	jdActualShipDate	Date	6	Date - Actual Ship
OPBO	szOPBusinessObjective	String	30	OP Business Objective

## Conceptual Approach

When a user creates, modifies, or cancels a sales order, the system triggers a notification event for the WSG integration to publish. This notification event, RTSOOUT, contains two separate events: RTSOHDR and RTSODTL. The RTSOHDR event contains all information pertinent to the sales order header. The RTSODTL event contains all information pertinent to each sales order detail line. Supplemental to the primary RTSOOUT event, the WSG integration also publishes an RTSOAPS event, which will include supply/demand information as well as sales order quantities in a common unit of measure (defined in integration constants).

## Objects that Can Initiate the Event

These objects can initiate the RTSOHDR event:

- P4210 - Sales Order Entry
- P42101 - Sales Order Entry
- B4202320 - Sales Order Real Time Event Notify Function
- B4200310 - Sales Order Entry Master Business Function
- P42040 - Sales Order Speed Status Update
- B4201220 - Update F4211 And F42199
- R42565 - Invoice Print
- R42800 - Sales Update
- B4003000 - XPILoadUnloadCache Business Function
- B4003000 - XPIPublishEvents Business Function
- B4003000 - XPIEEnabled Business Function
- B4003010 - XPILoadUnloadCache Business Function
- B4003010 - XPIPublishEvents Business Function
- B4003010 - XPIEEnabled Business Function
- R42520 - Print Pick Slip
- R42521 - Packaged Pick Slip
- R42522 - Control Pick Slip
- R42997 -Inventory Commitment
- R42995 - Repost Active Sales Order
- B4200250 -F4201 Update Order Totals
- B4200640 -F4211 Update Pick Slip Information
- B4200920 -F4211 Get Shipment Info Source File
- B4200380 - Inventory Availability and Commitment
- B4200450 - Advanced Sales Order Detail Line Split
- N4200790 - Shipment Confirmation
- P42117 - Backorder Release Online
- B4200860 - Backorder Release MBF
- B4200740 - Update Misc. F4201 Fields
- B4200970 - F4211 Update Backorder Info
- R42530 - Bill of Lading
- B4200330 - Update Misc F4211 Fields
- R42535 - Delivery Notes Print
- R49700 - Cycle Billing Program
- R42810 - Sales Journal

- B4201300 - F42UI130 F4211 SO Detail Line Split
- R47131 - EDI Inbound Purchase Order Change
- N4900330 - Update Sales Detail with Shipment Routing
- N4600455 - Change F4211 SO Detail File

## RTSODTL

RTSODTL event is used by the JD Edwards EnterpriseOne system to publish sales order detail line information.

<b>Event Name</b>	<i>RTSODTL</i>
<b>Event Description</b>	<i>Sales Order Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H42</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4202310B: Sales Order Detail</i>
<b>Event Relationship</b>	Included in container event RTSOOUT.

### Event Fields

The RTSODTL event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cOrderAction	Char	1	Action Code
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
LNID	mnLineNumber	Numeric	6	Line Number
MCU	szDetailBranchPlant	String	12	Business Unit
VR02	szSupplierReference	String	25	Reference 2
SHAN	mnShipToAddressNumber	Numeric	8	Address Number - Ship To
TRDJ	jdTransactionDate	Date	6	Date - Order/Transaction
DRQJ	jdRequestedDate	Date	6	Date - Requested

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PDDJ	jdScheduledPickDate	Date	6	Date - Scheduled Pick
PPDJ	jdPromisedShipDate	Date	6	Date - Promised Shipment
RSDJ	jdPromisedDeliveryDate	Date	6	Date - Promised Delivery
OPDJ	jdOriginalPromisedDate	Date	6	Date - Original Promised Delivery
CNDJ	jdCancelDate	Date	6	Date - Cancel
PEFJ	jdPriceEffectiveDate	Date	6	Date - Price Effective Date
UORG	mnQuantityOrdered	Numeric	15	Units - Order/Transaction Quantity
SOQS	mnQuantityShipped	Numeric	15	Quantity Shipped
SOBK	mnQuantityBackOrdered	Numeric	15	Units - Qty Backordered/Held
SOCN	mnQuantityCancelled	Numeric	15	Units - Quantity Canceled /Scrapped
UOM	szTransactionUnitOfMeasure	String	2	Unit Of Measure as Input
UPRC	mnUnitPrice	Numeric	15	Amount - Price per Unit
AEXP	mnExtendedPrice	Numeric	15	Amount - Extended Price
FUP	mnForeignUnitPrice	Numeric	15	Amount - Foreign Price per Unit
FEA	mnForeignExtendedPrice	Numeric	15	Amount - Foreign Extended Price
PROV	cPriceOverrideCode	Char	1	Price Override Code
TAX1	cTaxableYN	Char	1	Sales Taxable (Y/N)
ASN	szAdjustmentSchedule	String	8	Price and Adjustment Schedule
AREV	mnAdjustmentRevisionLevel	Numeric	3	Adjustment Revision Level
DSPR	mnDiscountPercentage	Numeric	7	Discount Factor
LINX	mnLastIndex	Numeric	15	Last Index
PTC	szPaymentTerms	String	3	Payment Terms Code
RYIN	cPaymentInstrument	Char	1	Payment Instrument
CRCD	szCurrencyCode	String	3	Currency Code - From
UNCS	mnUnitCost	Numeric	15	Amount - Unit Cost

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ECST	mnExtendedCost_	Numeric	15	Amount - Extended Cost
FUC	mnForeignUnitCost	Numeric	15	Amount - Foreign Unit Cost
FEC	mnForeignExtCost	Numeric	15	Amount - Foreign Extended Cost
LITM	szItemNumber	String	25	2nd Item Number
ITM	mnShortItemNumber	Numeric	8	Item Number - Short
DSC1	szDescription1	String	30	Description
DSC2	szDescription2	String	30	Description - Line 2
LNTY	szLineType	String	2	Line Type
LTTR	szLastStatus	String	3	Status Code - Last
NXTR	szNextStatus	String	3	Status Code - Next
LOCN	szLocation	String	20	Location
LOTN	szLot	String	30	Lot/Serial Number
LOB	szLineOfBusiness	String	3	Line Of Business
EUSE	szEndUse	String	3	End Use
DTYS	szDutyStatus	String	2	Duty Status
INMG	szPrintMessage	String	10	Print Message
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
ITWT	mnItemWeight	Numeric	15	Unit Weight
WTUM	szWeightUnitOfMeasure	String	2	Weight Unit Of Measure
MOT	szModeOfTransport	String	3	Mode Of Transport
CARS	mnCarrier	Numeric	8	Carrier Number
SBL	szSubledger	String	8	Subledger G/L
SBLT	cSubledgerType	Char	1	Subledger Type
UPC1	szPriceCode1	String	3	Price Code 1
UPC2	szPriceCode2	String	3	Price Code 2
UPC3	szPriceCode3	String	3	Price Code 3

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SRP1	szSalesCategoryCode1	String	3	Sales Catalog Section
SRP2	szSalesCategoryCode2	String	3	Sub Section
SRP3	szSalesCategoryCode3	String	3	Sales Category Code 3
SRP4	szSalesCategoryCode4	String	3	Sales Category Code 4
SRP5	szSalesCategoryCode5	String	3	Sales Category Code 5
OORN	szOriginalPoSoNumber	String	8	Original Order Number
OCTO	szOriginalOrderType	String	2	Original Order Type
OKCO	szOriginalOrderCompany	String	5	Document Company (Original Order)
OGNO	mnOriginalOrderLineNumber	Numeric	7	Original Line Number
RORN	szRelatedPoSoNumber	String	8	Related PO/SO/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SO/WO Order Type
RKCO	szRelatedOrderCompany	String	5	Company - Key (Related Order)
RLLN	mnRelatedPoSoLineNo	Numeric	7	Related PO/SO Line Number
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeOfDay	Numeric	6	Time of Day
PSN	mnPickSlipNumber	Numeric	8	Pick Slip Number
DOC	mnInvoiceDocNumber	Numeric	8	Document (Voucher, Invoice, etc.)
DCT	szInvoiceDocType	String	2	Document Type
KCO	szInvoiceDocCompany	String	5	Document Company
URCD	szUserReservedCode	String	2	User Reserved Code
URDT	jdUserReservedDate	Date	6	User Reserved Date
URAT	mnUserReservedAmount	Numeric	15	User Reserved Amount
URAB	mnUserReservedNumber	Numeric	8	User Reserved Number
URRF	szUserReservedReference	String	15	User Reserved Reference
UOM4	szPricingUnitOfMeasure	String	2	Unit Of Measure - Pricing

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TXA1	szTaxArea	String	10	Tax Rate/Area
EXR1	szTaxExplanationCode	String	2	Tax Expl Code 1
CITM	szPartnerItemNo	String	25	Item Number - Customer /Supplier
AITM	szCatalogItem	String	25	3rd Item Number
UPCN	szUPCNumber	String	13	UPC Number
ALKY	szShipToDescriptive	String	20	Long Address Number
ALKY	szSoldToDescriptive	String	20	Long Address Number
LITM	szProductItem	String	25	2nd Item Number
ALPH	szAlphaName	String	40	Name - Alpha
PA8	mnParentAddressNumber	Numeric	8	Address Number - Parent
LITM	szSecondItemNumber	String	25	2nd Item Number
AITM	szThirdItemNumber	String	25	3rd Item Number
PRIO	cPriorityProcessing	Char	1	Priority - Processing
BACK	cBackOrdersAllowed	Char	1	Backorders Allowed (Y/N)
SO02	cOrderShippedFlag	Char	1	On Hand Updated
SO11	cTransferDirectShipFlag	Char	1	Transfer/Direct Ship /Intercompany Flag
COMM	cCommitted	Char	1	Committed (H/S)
EXDP	mnDaysBeforeExpiration	Numeric	5	Days Before Expiration
PRP1	szPurchaseCategoryCode1	String	3	Commodity Class
PRP2	szPurchaseCategoryCode2	String	3	Commodity Sub Class
PRP3	szPurchaseCategoryCode3	String	3	Supplier Rebate Code
PRP4	szPurchaseCategoryCode4	String	3	Master Planning Family
RORN	szRelatedOrderNumber	String	8	Related PO/SO/WO Number
RCTO	szRelatedOrderType	String	2	Related PO/SO/WO Order Type
RKCO	szRelatedOrderKeyCompany	String	5	Company - Key (Related Order)

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
UOM	szPlanningUnitOfMeasure	String	2	Unit Of Measure as Input
TRQT	mnPlanningQuantity	Numeric	15	Quantity Available
UMPJ	JdDateUpdatedAPS	Date	6	Date - Updated
TDAY	mnTimeUpdatedAPS	Numeric	6	Time of Day
EV01	cAPPSFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01
EV01	cAPSSupplyDemandFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01
DSC1	szShipComplete	String	30	Description
RLLN	mnRelatedOrderLineNumber	Numeric	7	Related PO/SO/WO Line Number
DOCO	mnRelatedWOOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
MMCU	szRelatedWOBranchPlant	String	12	Branch
ADDJ	jdActualShipDate	Date	6	Date - Actual Ship Date

### Conceptual Approach

When a user creates, modifies, or cancels a sales order, the system triggers a notification event for the WSG integration to publish. This notification event, RTSOOUT, contains two separate events: RTSOHDR and RTSODTL. The RTSOHDR event contains all information pertinent to the sales order header. The RTSODTL event contains all information pertinent to each sales order detail line. Supplemental to the primary RTSOOUT event, the WSG integration also publishes an RTSOAPS event, which will include supply/demand information as well as sales order quantities in a common unit of measure (defined in integration constants).

### Objects that Can Initiate the Event

These objects can initiate the RTSODTL event:

- P4210 - Sales Order Entry
- P42101 - Sales Order Entry
- B4202320 - Sales Order Real Time Event Notify Function
- B4200310 - Sales Order Entry Master Business Function
- P42040 - Sales Order Speed Status Update
- B4201220 - Update F4211 And F42199
- R42565 - Invoice Print
- R42800 - Sales Update
- B4003000 - XPILoadUnloadCache Business Function
- B4003000 - XPIPublishEvents Business Function

- B4003000 - XPIIEOEnabled Business Function
- B4003010 - XPILoadUnloadCache Business Function
- B4003010 - XPIPublishEvents Business Function
- B4003010 - XPIIEOEnabled Business Function
- R42520 - Print Pick Slip
- R42521 - Packaged Pick Slip
- R42522 - Control Pick Slip
- R42997 -Inventory Commitment
- R42995 - Repost Active Sales Order
- B4200250 -F4201 Update Order Totals
- B4200640 -F4211 Update Pick Slip Information
- B4200920 -F4211 Get Shipment Info Source File
- B4200380 - Inventory Availability and Commitment
- B4200450 - Advanced Sales Order Detail Line Split
- N4200790 - Shipment Confirmation
- P42117 - Backorder Release Online
- B4200860 - Backorder Release Master Business Function
- B4200740 - Update Misc. F4201 Fields
- B4200970 - F4211 Update Backorder Info
- R42530 - Bill of Lading
- B4200330 - Update Misc F4211 Fields
- R42535 - Delivery Notes Print
- R49700 - Cycle Billing Program
- R42810 - Sales Journal
- B4201300 - F42UI130 F4211 SO Detail Line Split
- R47131 - EDI Inbound Purchase Order Change
- N4900330 - Update Sales Detail with Shipment Routing
- N4600455 - Change F4211 SO Detail File

## RTLPOUT

The RTLPOUT event is used by the JD Edwards EnterpriseOne system to publish an item's list price information.

<b>Event Name</b>	<i>RTLPOUT</i>
<b>Event Description</b>	<i>List Price</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>

Container event for RTLPOUTDS (D4502700B).

<b>Product Code</b>	<i>45</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4502700B: F4106 List Price Real Time Event</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

When a user creates, modifies, or cancels an active price record (F4106) that does not involve a customer group or item group, the system triggers the RTLPOUT notification event for the WSG integration to publish.

### Objects that Can Initiate the Event

These objects can initiate the RTLPOUT event:

- P4106 - Work With Preference Base Price
- R41816 - Item Sales Price Level Conversion
- B4002270 - F4106 Update Base Price
- X4078 - Margin Maint Price Update
- X4106C - Copy/Write Price Records

## RTLPOUTDS

The RTLPOUTDS event is used by the JD Edwards EnterpriseOne system to publish an item's list price information.

<b>Event Name</b>	<i>RTLPOUTDS</i>
<b>Event Description</b>	<i>List Price DS</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H45</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4502700B: F4106 List Price Real Time Event</i>

### Event Fields

The RTLPOUTDS event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTION	cRecordAction	Char	1	Action Type
ITM	mnShortItemNumber	Numeric	8	Item Number - Short
LITM	sz2ndItemNumber	String	26	2nd Item Number
MCU	szCostCenter	String	12	Business Unit
LOCN	szLocation	String	21	Location
LOTN	szLot	String	31	Lot/Serial Number
AN8	mnAddressNumber	Numeric	8	Address Number
LOTG	szLotGrade	String	4	Lot Grade
FRMP	mnFromPotency	Numeric	7	From Potency
CRCD	szCurrencyCode	String	4	Currency Code - From
UOM	szUnitOfMeasure	String	3	Unit of Measure as Input
EFTJ	jdDateEffective	Date	6	Date - Effective
EXDJ	jdDateExpired	Date	6	Date - Expired
UPRC	mnAmtPricePerUnit	Numeric	15	Amount - Price Per Unit
ACRD	mnAmountCreditPrice	Numeric	15	Amount - Credit Price
UPMJ	jdDateUpdated	Date	6	Date - Updated
TDAY	mnTimeOfDay	Numeric	6	Time of Day

## RTSHPNOUT

RTSHPNOUT is used to inform or notify third-party systems of shipment confirmation in order to keep the two systems synchronized.

<b>Event Name</b>	<i>RTSHPNOUT</i>
<b>Event Description</b>	<i>Shipment Notice Manage Notify</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Container event for:
	<ul style="list-style-type: none"> <li>• RTSHPNOUTA (D4901400A)</li> <li>• RTSHPNOUTB (D4901400B)</li> <li>• RTSHPNOUTC (D4901400C)</li> </ul>

- RTSHPNOUTD (D4901400D)
- RTSHPNOUTE (D4901400E)
- RTSHPNOUTF (D4901400F)
- RTSHPNOUTG (D4901400G)
- RTSHPNOUTH (D4901400H)
- RTSHPNOUTI (D4901400I)
- RTSHPNOUTJ (D4901400J)
- RTSHPNOUTK (D4901400K)

<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

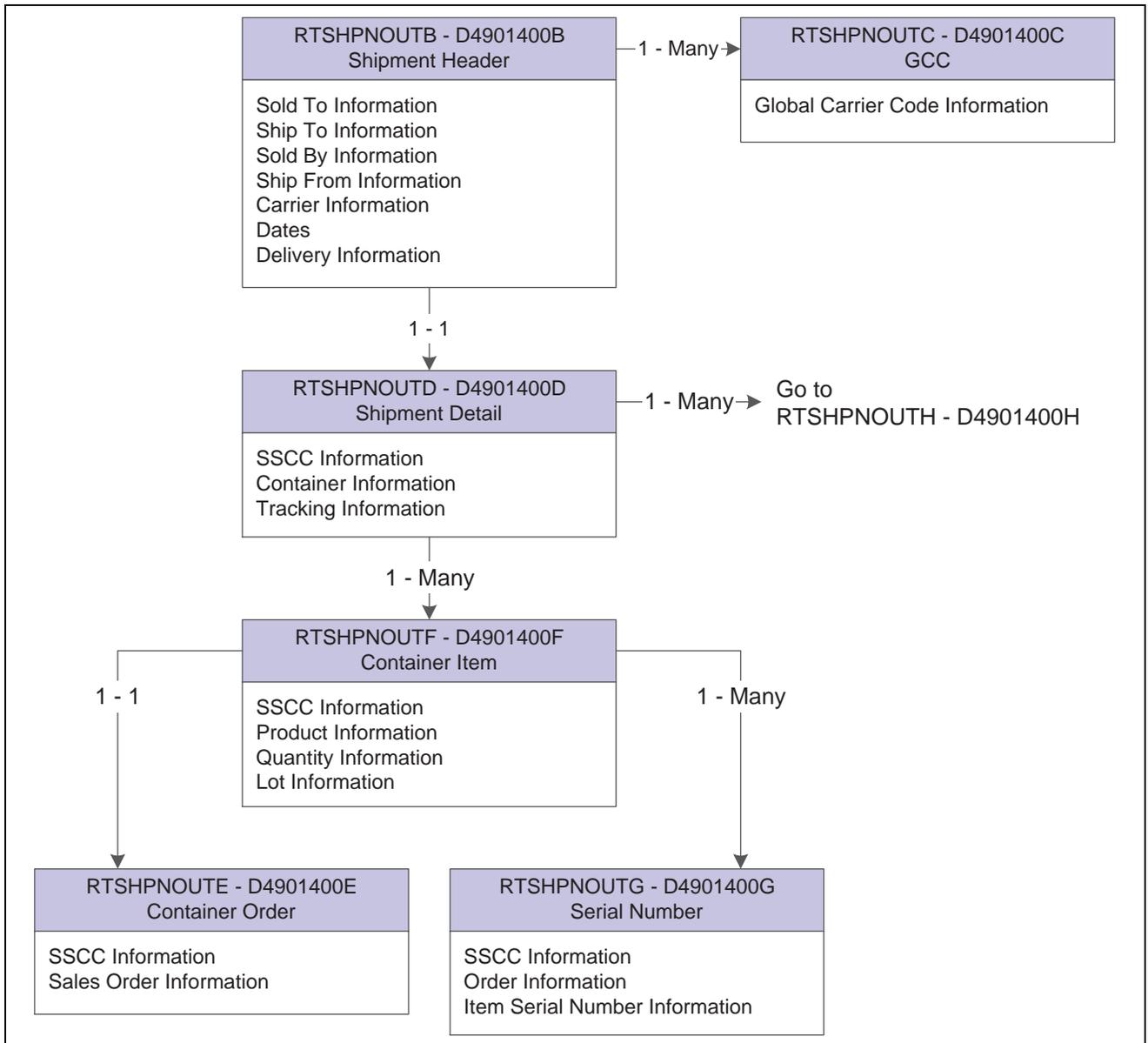
Please see the corresponding single events for lists of event fields.

### Conceptual Approach

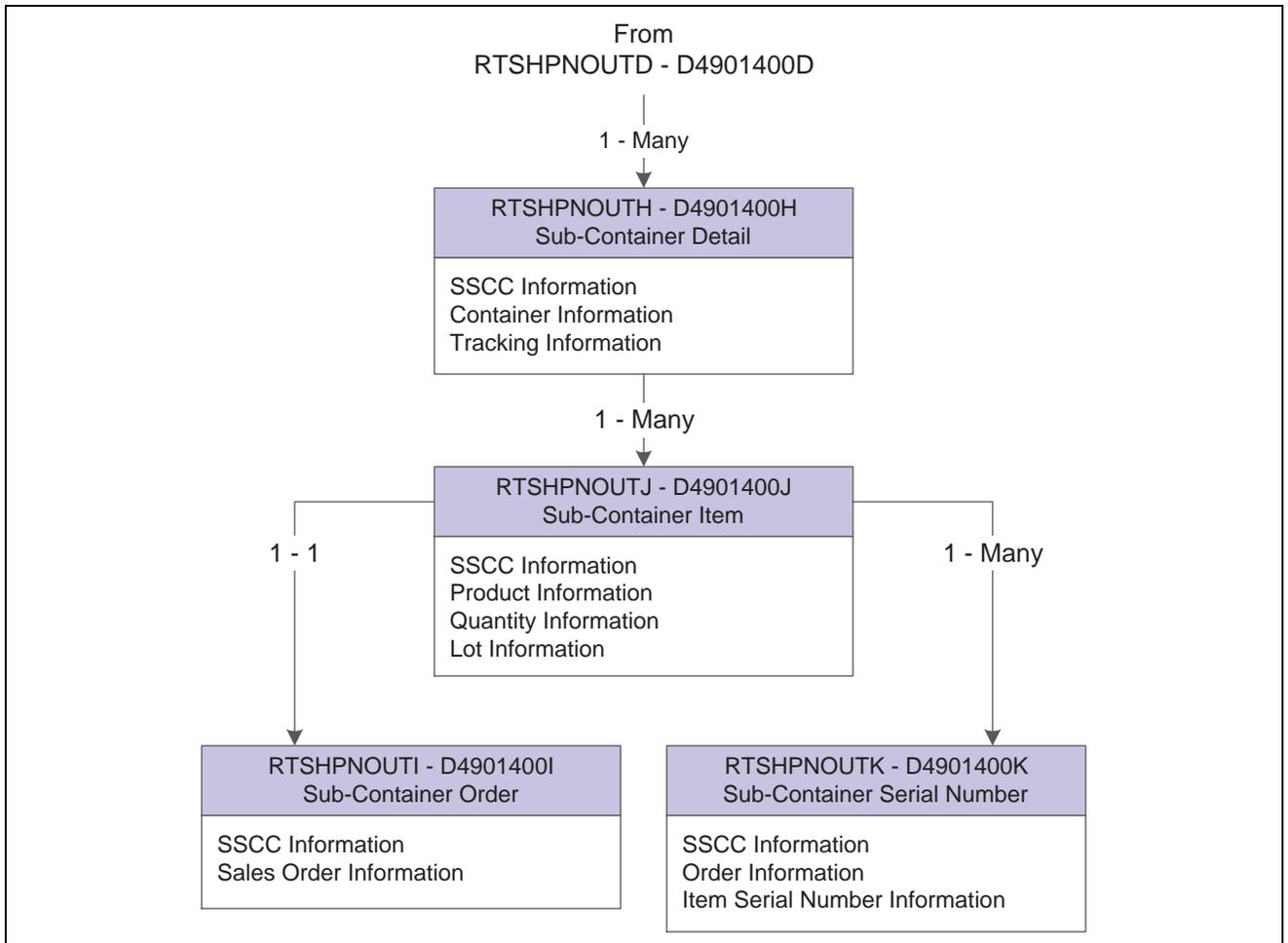
When a user confirms an outbound shipment within the JD Edwards EnterpriseOne system, the system triggers a notification for the WSG integration to publish. The RTSHPNOUT notification event contains eleven separate events:

- RTSHPNOUTA
- RTSHPNOUTB
- RTSHPNOUTC
- RTSHPNOUTD
- RTSHPNOUTE
- RTSHPNOUTF
- RTSHPNOUTG
- RTSHNNOUTH
- RTSHPNOUTI
- RTSHPNOUTJ
- RTSHPNOUTK

These diagrams illustrate the event flow for the RTSHPNOUTB realtime event:



RTSHPNOUTB Event Flow part 1



RTSHPNOUTB Event Flow part 2

### Objects that Can Initiate the Event

These objects can initiate the RTSHPNOUT event:

- N4200790 - Shipment Confirmation MBF
- P4205 - Ship Confirm
- P49645 - Transportation Shipment Confirmation
- R47500 - Inbound Transaction Processor
- R42500 - Ship Confirm Batch Application
- R49500 - Batch Transportation Shipment Confirmation

### Special Setup

To process UCC-128 information, you must set up processing options for P40XPI.

## RTSHPNOUTA

RTSHPNOUTA is used to supply shipment information to the RTSHPNOUT container event.

**Event Name** *RTSHPNOUTA*

<b>Event Description</b>	<i>Shipment Notice Main</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400A: Shipment Notice Real Time Event Notification</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTA

The RTSHPNOUTA event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cOrderAction	Char	1	Action Code
EV01	cEventAction	Char	1	J.D. PeopleSoft Enterprise Event Point 01
GENLNG	idEventID	ID	11	Generid Long ID - JD Edwards EnterpriseOne
EV01	cHeaderDetailFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01
JOBS	mnCacheID	Numeric	8	Job Number
CTID	szCacheComputerID	String	15	Computer ID
GENLNG	idHeaderPointer	ID	11	Generid Long ID - JD Edwards EnterpriseOne
GENLNG	idDetailPointer	ID	11	Generid Long ID - JD Edwards EnterpriseOne
EV01	cUCC128Processing	Char	1	J.D. PeopleSoft Enterprise Event Point 01
EV01	cErrorAPIEventReturn	Char	1	J.D. PeopleSoft Enterprise Event Point 01
EV01	cErrorStatus	Char	1	J.D. PeopleSoft Enterprise Event Point 01
EV01	cErrorID	Char	1	J.D. PeopleSoft Enterprise Event Point 01

Data Item / Alias	Structure Member Name	Data Type	Size	Description
VC10A	szEventName	String	10	Video Constant A - length 10
VC30A	szEventScope	String	30	Video Constant A - length 30
VC30A	szCallingFunction	String	30	Video Constant A - length 30
EV01	cFutureUseFlag	Char	1	J.D. PeopleSoft Enterprise Event Point 01
INT01	nFutureUseInteger	Integer	4	Integer 01 - JD Edwards EnterpriseOne
MATH01	mnFutureUseMathNumeric	Numeric	15	Math Numeric 01
VC30A	szFutureUseString	String	30	Video Constant A - length 30

## RTSHPNOUTB

RTSHPNOUTB is used to supply shipment header information to the RTSHPNOUT container event..

<b>Event Name</b>	<i>RTSHPNOUTB</i>
<b>Event Description</b>	<i>Shipment Notice Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400B: Shipment Notice - Shipment Header</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTB

The RTSHPNOUTB event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
AN8	mnSoldToAddressNumber	Numeric	8	Address Number
ALKY	szSoldToDescriptive	String	20	Long Address Number
EMAL	szSoldToEmail	String	256	Electronic Address

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PH1	szSoldToPhoneNumber	String	26	Phone Number
PH1	szSoldToFaxNumber	String	26	Phone Number
TAX	szSoldToTaxID	String	20	Tax ID
MLNM	szSoldToMailingName	String	40	Name - Mailing
ADD1	szSoldToAddressLine1	String	40	Address Line 1
ADD2	szSoldToAddressLine2	String	40	Address Line 2
ADD3	szSoldToAddressLine3	String	40	Address Line 3
ADD4	szSoldToAddressLine4	String	40	Address Line 4
CTY1	szSoldToCity	String	25	City
COUN	szSoldToCounty	String	25	County
ADDS	szSoldToState	String	3	State
CTR	szSoldToCountry	String	3	Country
ADDZ	szSoldToPostalCode	String	12	Postal Code
AN8	mnShipToAddressNumber	Numeric	8	Address Number
ALKY	szShipToDescriptive	String	20	Long Address Number
EMAL	szShipToEmail	String	256	Electronic Address
PH1	szShipToPhoneNumber	String	26	Phone Number
PH1	szShipToFaxNumber	String	26	Phone Number
TAX	szShipToTaxID	String	20	Tax ID
MLNM	szShipToMailingName	String	40	Name - Mailing
ADD1	szShipToAddressLine1	String	40	Address Line 1
ADD2	szShipToAddressLine2	String	40	Address Line 2
ADD3	szShipToAddressLine3	String	40	Address Line 3
ADD4	szShipToAddressLine4	String	40	AddressLine 4
CTY1	szShipToCity	String	25	City
COUN	szShipToCounty	String	25	County

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ADDS	szShipToState	String	3	State
CTR	szShipToCountry	String	3	Country
ADDZ	szShipToPostalCode	String	12	Postal Code
ALKY	szSoldByDescriptive	String	20	Long Address Number
EMAL	szSoldByEmail	String	256	Electronic Address
PH1	szSoldByPhoneNumber	String	26	Phone Number
PH1	szSoldByFaxNumber	String	26	Phone Number
TAX	szSoldByTaxID	String	20	Tax ID
MLNM	szSoldByMailingName	String	40	Name - Mailing
ADD1	szSoldByAddressLine1	String	40	Address Line 1
ADD2	szSoldByAddressLine2	String	40	Address Line 2
ADD3	szSoldByAddressLine3	String	40	Address Line 3
ADD4	szSoldByAddressLine4	String	40	Address Line 4
CTY1	szSoldByCity	String	25	City
COUN	szSoldByCounty	String	25	County
ADDS	szSoldByState	String	3	State
CTR	szSoldByCountry	String	3	Country
ADDZ	szSoldByPostalCode	String	12	Postal Code
ALKY	szShipFromDescriptive	String	20	Long Address Number
EMAL	szShipFromEmail	String	256	Electronic Address
PH1	szShipFromPhoneNumber	String	26	Phone Number
PH1	szShipFromFaxNumber	String	26	Phone Number
TAX	szShipFromTaxID	String	20	Tax ID
MLNM	szShipFromMailingName	String	40	Name - Mailing
ADD1	szShipFromAddressLine1	String	40	Address Line 1
ADD2	szShipFromAddressLine2	String	40	Address Line 2

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ADD3	szShipFromAddressLine3	String	40	Address Line 3
ADD4	szShipFromAddressLine4	String	40	Address Line 4
CTY1	szShipFromCity	String	25	City
COUN	szShipFromCounty	String	25	County
ADDS	szShipFromState	String	3	State
CTR	szShipFromCountry	String	3	Country
ADDZ	szShipFromPostalCode	String	12	Postal Code
AN8	mnCarrierAddressNumber	Numeric	8	Address Number
ALKY	szCarrierDescriptive	String	20	Long Address Number
EMAL	szCarrierEmail	String	256	Electronic Address
PH1	szCarrierPhoneNumber	String	26	Phone Number
PH1	szCarrierFaxNumber	String	26	Phone Number
TAX	szCarrierTaxID	String	20	Tax ID
MLNM	szCarrierMailingName	String	40	Name - Mailing
ADD1	szCarrierAddressLine1	String	40	Address Line 1
ADD2	szCarrierAddressLine2	String	40	Address Line 2
ADD3	szCarrierAddressLine3	String	40	Address Line 3
ADD4	szCarrierAddressLine4	String	40	Address Line 4
CTY1	szCarrierCity	String	25	City
COUN	szCarrierCounty	String	25	County
ADDS	szCarrierState	String	3	State
CTR	szCarrierCountry	String	3	Country
ADDZ	szCarrierPostalCode	String	12	Postal Code
ADDJ	jdShipmentDate	Date	6	Date - Actual Ship Date
NCTR	mnNumberOfContainers	Numeric	5	Number of Containers
MOT	szModeOfTransport	String	3	Mode of Transport

Data Item / Alias	Structure Member Name	Data Type	Size	Description
FRTH	szFreightHandlingCode	String	3	Freight Handling Code
CO	szSoldByCompany	String	5	Company
MCU	szShipFromBranchPlant	String	12	Business Unit

## RTSHPNOUTC

RTSHPNOUTC is used to supply global carrier code information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTC</i>
<b>Event Description</b>	<i>Shipment Notice GCC</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400C: Shipment Notice - Global Carrier Code</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTC

The RTSHPNOUTC event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
SCAC	szGlobalCarrierCode	String	4	Standard Carrier Alpha Code

## RTSHPNOUTD

RTSHPNOUTD is used to supply shipment detail information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTD</i>
<b>Event Description</b>	<i>Shipment Notice Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>

<b>Product Code</b>	49
<b>Reliable Delivery</b>	1
<b>Delivery Timeout Threshold</b>	0
<b>Data Structure</b>	D4901400D: Shipment Notice - Shipment Detail
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTD

The RTSHPNOUTD event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
EV01	cContainHazardousMaterial	Char	1	J.D. PeopleSoft Enterprise Event Point 01
GHET	mnGrossHeight	Numeric	15	Gross Height
GDEP	mnGrossDepth	Numeric	15	Gross Depth
GWID	mnGrossWidth	Numeric	15	Gross Width
WIUM	szDimensionUOM	String	2	Unit Of Measure - Dimension
GCUB	mnGrossVolume	Numeric	15	Cubic Dimensions - Gross
VUMD	szVolumeUOM	String	2	Unit of Measure - Volume Display
GWEI	mnGrossWeight	Numeric	15	Weight - Gross Weight
UWUM	szWeightUOM	String	2	Unit Of Measure - Weight
EQTY	szPalletType	String	5	Container Code
INT01	iNumberOfPackages	Integer	4	Integer 01 - JD Edwards EnterpriseOne
REFQ	szTrackingType	String	2	Reference Number Qualifier
REFN	mnTrackingNumber	Numeric	30	Reference Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number

### RTSHPNOUTE

RTSHPNOUTE is used to supply container order information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTE</i>
<b>Event Description</b>	<i>Shipment Notice Order</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400E: Shipment Notice - Shipment Container Order</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTE

The RTSHPNOUTE event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
SEQN	mnContainerOrderSequence	Numeric	7	Sequence Number
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number
SEQN	mnContainerSequence	Numeric	7	Sequence Number

### RTSHPNOUTF

RTSHPNOUTF is used to supply container item information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTF</i>
<b>Event Description</b>	<i>Shipment Notice Item</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>

**Reliable Delivery** *1*

**Delivery Timeout Threshold** *0*

**Data Structure** *D4901400F: Shipment Notice - Shipment Container Item*

**Relationship** Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTF

The RTSHPNOUTF event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
HSCD	szHarmonizedTariffCode	String	12	Harmonized Shipping Code
HZDC	szHarzardousMaterialCode	String	3	Hazard Class or Division
ITM	mnShortItemNumber	Numeric	8	Item Number - Short
LITM	sz2ndItemNumber	String	25	2 ndItem Number
AITM	sz3ndItemNumber	String	25	3rd Item Number
CITM	szPartnerItemNumber	String	25	Item Number - Customer /Supplier
UPCN	szUPCEANItemNumber	String	13	UPC Number
SOQS	mnQuantityShipped	Numeric	15	Quantity Shipped
UORG	mnTransactionQuantity	Numeric	15	Units - Order/Transaction Quantity
UOM	szTransactionUnitOfMeasure	String	2	Unit of Measure as Input
LOTN	szLot	String	30	Lot/Serial Number
MMEJ	jdLotExpireDate	Date	6	Date - Lot Expiration
LOT1	szMemoLot1	String	30	Memo Lot 1
LOT2	szMemoLot2	String	30	Memo Lot 2
SEQN	mnContainerSequence	Numeric	7	Sequence Number
MCU	szBusinessUnti	String	12	Business Unit

## RTSHPNOUTG

RTSHPNOUTG is used to supply serial number information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTG</i>
<b>Event Description</b>	<i>Shipment Notice Serial Number</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400G: Shipment Notice - Container Item Serial Number</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTG

The RTSHPNOUTG event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
SEQN	mnItemSerialSequence	Numeric	7	Sequence Number
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number
LOTN	szSerialNumber	String	30	Lot/Serial Number
MMEJ	jdSerialExpireDate	Date	6	Date - Lot Expiration
SEQN	mnContainerSequence	Numeric	7	Sequence Number

## RTSHPNOUTH

RTSHPNOUTH is used to supply sub-container detail information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTH</i>
<b>Event Description</b>	<i>Shipment Notice SubCont Detail</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400H: Shipment Notice - SubContainer Detail</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTH

The RTSHPNOUTH event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SRL1	szSerializedShipContainerCode	String	30	Serial Number 1
SRL1	szSubContSerializedShipCont	String	30	Serial Number 1
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
EV01	cContainHazardousMaterial	Char	1	J.D. PeopleSoft Enterprise Event Point 01
GHET	mnGrossHeight	Numeric	15	Gross Height
GDEP	mnGrossDepth	Numeric	15	Gross Depth
GWID	mnGrossWidth	Numeric	15	Gross Width
WIUM	szDimensionUOM	String	2	Unit of Measure - Dimension
GCUB	mnGrossVolume	Numeric	15	Cubic Dimensions - Gross
VUMD	szVolumeUOM	String	2	Unit of Measure - Volume Display
GWEI	mnGrossWeight	Numeric	15	Weight - Gross Weight
UWUM	szWeightUOM	String	2	Unit of Measure - Weight
EQTY	szPalletType	String	5	Container Code

Data Item / Alias	Structure Member Name	Data Type	Size	Description
INT01	nNumberOfContainers	Integer	4	Integer 01 - JD Edwards EnterpriseOne
REFQ	szTrackingType	String	2	Reference Number Qualifier
REFN	mnTrackingNumber	Numeric	30	Reference Number
SEQN	mnSubContainerSequence	Numeric	7	Sequence Number

## RTSHPNOUTI

RTSHPNOUTI is used to supply sub-container order information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTI</i>
<b>Event Description</b>	<i>Shipment Notice SubCont Order</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400I: Shipment Notice - SubContainer Container Order</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTI

The RTSHPNOUTI event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
SEQN	mnSubContSequence	Numeric	7	Sequence Number
SEQN	mnSubContainerOrderSequence	Numeric	7	Sequence Number
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderKeyCompany	String	5	Order Company (Order Number)

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number
SEQN	mnSubContainerSequence	Numeric	7	Sequence Number

## RTSHPNOUTJ

RTSHPNOUTJ is used to supply sub-container item information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTJ</i>
<b>Event Description</b>	<i>Shipment Notice SubCont Item</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400J: Shipment Notice - SubContainer Container Item</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTJ

The RTSHPNOUTJ event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
SEQN	mnSubContainerSequence	Numeric	7	Sequence Number
HSCD	szHarmonizedTariffCode	String	12	Harmonized Shipping Code
HZDC	szHarzardousMaterialCode	String	3	Hazard Class or Division
ITM	mnShortItemNumber	Numeric	8	Item Number - Short
LITM	sz2ndItemNumber	String	25	2nd Item Number
AITM	sz3ndItemNumber	String	25	3rd Item Number

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CITM	szPartnerItemNumber	String	25	Item Number - Customer /Supplier
UPCN	szUPCEANItemNumber	String	13	UPC Number
SOQS	mnQuantityShipped	Numeric	15	Quantity Shipped
UORG	mnTransactionQuantity	Numeric	15	Units - Order/Transaction Quantity
UOM	szTransactionUnitOfMeasure	String	2	Unit of Measure as Input
LOTN	szLot	String	30	Lot/Serial Number
MMEJ	jdLotExpireDate	Date	6	Date - Lot Expiration
LOT1	szMemoLot1	String	30	Memo Lot 1
LOT2	szMemoLot2	String	30	Memo Lot 2
SEQN	mnSubContainerItemSequence	Numeric	7	Sequence Number
MCU	szBusinessUnit	String	12	Business Unit

## RTSHPNOUTK

RTSHPNOUTK is used to supply sub-container serial number information to the RTSHPNOUT container event.

<b>Event Name</b>	<i>RTSHPNOUTK</i>
<b>Event Description</b>	<i>Shipment Notice SubCont Serial</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>49</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D4901400K: Shipment Notice - SubContainer Item Serial Number</i>
<b>Relationship</b>	Included in container event RTSHPNOUT.

### Event Fields for RTSHPNOUTK

The RTSHPNOUTK event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
SHPN	mnShipmentNumber	Numeric	8	Shipment Number
SEQN	mnSequenceNumber	Numeric	7	Sequence Number
SEQN	mnSubContItemSerialSequence	Numeric	7	Sequence Number
DOCO	mnOrderNumber	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szOrderCompany	String	5	Order Company (Order Number)
SFXO	szOrderSuffix	String	3	Order Suffix
LNID	mnOrderLineNumber	Numeric	6	Line Number
LOTN	szSerialNumber	String	30	Lot/Serial Number
MMEJ	jdSerialExpireDate	Date	6	Date - Lot Expiration
SEQN	mnSubContainerItemSequence	Numeric	7	Sequence Number
SEQN	subContainerSequence	Numeric	7	Sequence Number

## XAPIOPOUT

XAPIOPOUT is used by the JD Edwards EnterpriseOne system to query the Order Promising system when a sales order is entered and a promise date is requested.

**Event Name** *XAPIOPOUT*

**Event Description** *Order Promising*

**Event Type** *XAPI*

**Event Category** *CONTAINER*

Contains these data structures:

- D4205010A - Order Promising Query Header
- D4205010B - Order Promising Query Detail
- D4205010C - Order Promising RLR Header
- D4205010D - Order Promising Routing
- D425010E - Order Promising Resource List
- DXAPIROUTE - XAPI Call Routing Information

**Product Code** *H42*

**Reliable Delivery**                    *1*

**Delivery Timeout  
Threshold**                            *0*

### Event Fields for XAPIOPOUT - D4205010A

The XAPIOPOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
VERS	szSalesOrderEntryVersion	String	10	Version History
EV01	cDisplayBeforeAcceptMode	Char	1	J.D. PeopleSoft Enterprise Event Point 01
USER	szUserID	String	10	User ID
GS3A	szQueryMode	String	30	Generic String × 30 <b>Note.</b> Auto Promise or Scenario Manager Mode
ALPH	szCustomerName	String	30	Name - Alpha <b>Note.</b> Ship To customer description
AN8	szCustomerId	Numeric	8	Address Number <b>Note.</b> Ship To customer ID
GS3A	szCustomerGroup	String	30	Generic String × 30 <b>Note.</b> Blank, APS will default
ADD1	szAddress1	String	40	Address Line 1
ADD2	szAddress2	String	40	Address Line 2
ADD3	szAddress3	String	40	Address Line 3
ADDZ	szPostalCode	String	12	Postal Code
CTY1	szCity	String	25	City
COUN	szCounty	String	25	County
ADDS	szStat Province	String	3	State
CTR	szCountry	String	3	Country
OPBO	szBusinessObjective	String	30	OP Business Objective

Data Item / Alias	Structure Member Name	Data Type	Size	Description
MATH01	mnTraceDepth	Numeric	15	Math Numeric 01 <b>Note.</b> APS field, default 0
MATH01	mnPenaltyCostAdjustment	Numeric	15	Math Numeric 01 <b>Note.</b> APS field, hard code = 100
GS3A	szOrderNumber	String	30	Generic String × 30 <b>Note.</b> Concatenated: Order Number, Order Type, Key Company.
INT01	nAllowBackorders	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowSubstitution	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowPartialLineShip	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowPartialOrderShip	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowMultiSource	Int	1	Integer 01 - JD Edwards EnterpriseOne
LNIX	mnLastLineNumber	Numeric	15	Line Number - X-REF
LINN	mnLineNumberIncrement	Numeric	15	Line Number

### Event Fields for XAPIOPOUT - D4205010B

The XAPIOPOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
LIND	mnLineNumber	Numeric	6	Line Number
LNIX	mnCacheLineNumber	Numeric	6	Line Number - X-REF
ITM	mnItemNumber	Numeric	8	Item Number - Short
LITM	sz2ndItemNumber	String	25	2nd Item Number
AITM	sz3rdItemNumber	String	25	3rd Item Number
UOM	szOrderUnit	String	2	Unit of Measure as Input

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
UORG	mnOrderQuantity	Numeric	15	Units - Order/Transaction Quantity
UOM	mnPlanningUnit	String	2	Unit of Measure as Input
UORG	mnPlanningQuantity	Numeric	15	Units - Order/Transaction Quantity
UPRC	mnPlanningMultiple	Numeric	15	Amount - Price per Unit
UPRC	mnPlanningUnitPrice	Numeric	15	Amount - Price per Unit
DRQJ	jdRequestDate	Date	6	Date - Requested
OPSQ	szShippingGroup	String	30	OP Shipping Group
OPMG	szMultiSource	String	30	OP Multi Source Group
INT01	nAllowPartialLineShip	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowBackorders	Int	1	Integer 01 - JD Edwards EnterpriseOne Allow Backorders
INT01	nAllowSubstitution	Int	1	Integer 01 - JD Edwards EnterpriseOne Allow Substitution
ALPH	szCustomerName	String	40	Name - Alpha
AN8	szCustomerId	Numeric	15	Address Number
GS3A	szCustomerGroup	String	30	Generic String × 30
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADDZ	szZipPostalCode	String	12	Postal Code
CTY1	szCity	String	25	City
COUN	szCounty	String	25	County
ADDS	szState	String	3	State
CTR	szCountry	String	3	Country
CFGID	mnConfigurationIDNumber	Long	15	Configuration ID Number

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CFGCID	mnComponentIDNumber	Long	15	Component ID Number
CFGPID	mnParentIDNumber	Long	15	Parent ID Number

### Event Fields for XAPIOPOUT - D4205010C

The XAPIOPOUT - D4205010C event contains these fields:

Data Item / Alias	Description	Data Type	Size	Element
CFGID	mnConfigurationIDNumber	Long	15	Configuration ID Number
CFGCID	mnComponentIDNumber	Long	15	Component ID Number
CFGPID	mnParentIDNumber	Long	15	Parent ID Number
MCU	szBranchPlant	String	12	Business Unit
DOCO	mnWorkOrderNumber	Numeric	15	Document (Order No, Invoice, etc.)
EV01	cWOChangesAllowed	Char	1	J.D. JD Edwards EnterpriseOne Event Point 01 Values are: 0: No 1: Yes
ITM	mnShortItemNumber	Numeric	8	Item Number - Short

### Event Fields for XAPIOPOUT - D4205010D

The XAPIOPOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CFGID	mnConfigurationIDNumber	Numeric	15	Configuration ID Number
CFGPID	mnParentIDNumber	Numeric	15	Parent ID Number
DOCO	mnOrderNumber	Numeric	15	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szKeyCompany	String	5	Order Company (Order Number)
LNID	mnLineNumber	Numeric	15	Line Number

Data Item / Alias	Structure Member Name	Data Type	Size	Description
OPSQ	mnOperationSequence	Numeric	15	Sequence Number - Operations
OPSC	szTypeOperationCode	String	3	Type Operation Code
MCU	szWorkCenter	String	12	Business Unit
OPSQ	mnSuccessiveOperation	Numeric	15	Sequence Number - Operations
SETL	mnSetupHours	Numeric	15	Setup Labor - Standard
MOVD	mnMoveHours	Numeric	15	Move Hours - Standard
QUED	mnQueueHours	Numeric	15	Queue Hours - standard
GS1A	szTimeUnitOfMeasure	String	10	Generic String × 10
POVR	mnPercentofOverlap	Numeric	15	Percent - Overlap
DL01	szPrecedenceType	String	30	Description
MATH01	mnPrecedenceOffset	Numeric	15	Math Numeric 01
MMCU	szBranchPlant	String	12	Branch
LINE	szLineCellIdentifier	String	12	Line/Cell Identifier
EFFF	jdEffectiveFromDate	Date	6	Effective - From Date
TRT	szTypeOfRouting	String	3	Type of Routing
BQTY	mnBatchQuantity	Numeric	15	Units - Batch Quantity

### Event Fields for XAPIOPOUT - D4205010E

The XAPIOPOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CFGID	mnConfigurationIDNumber	Numeric	15	Configuration ID Number
CFGCID	mnComponentIDNumber	Numeric	15	Component ID Number
CFGPID	mnParentIDNumber	Numeric	15	Parent ID Number
DOCO	mnOrderNumber	Numeric	15	Document (Order No, Invoice, etc.)
DCTO	szOrderType	String	2	Order Type
KCOO	szKeyCompany	String	5	Order Company (Order Number)

Data Item / Alias	Structure Member Name	Data Type	Size	Description
LNID	mnLineNumber	Numeric	15	Line Number
MCU	szBranchPlant	String	12	Business Unit
OPSQ	mnOperationSequence	Numeric	15	Sequence Number - Operations
MCU	szWorkCenter	String	12	Business Unit
OPSC	szTypeOperationCode	String	3	Type Operation Code
GS3A	szResourceID	String	30	Generic String × 30
GS3A	szResourceType	String	30	Resource Type
CPIT	mnShortItemNumber	Numeric	15	Component Item Number - Short
CPIL	mnSecondItemNumber	String	25	Component 2nd Item Number
CPIA	mnThirdItemNumber	String	25	Component 3rd Item Number
GS1A	szUnitOfMeasure	String	10	Generic String × 10
UORG	mnExtendedQuantity	Numeric	15	Units - Order/Transaction Quantity
UORG	mnQuantityPerParent	Numeric	15	Units - Order/Transaction Quantity
FORQ	cFixedOrVariableQty	Char	1	Fixed Or Variable Quantity
UM	szPlanningUnitOfMeasure	String	2	Unit of Measure
UORG	mnQuantityPlanned	Numeric	15	Units - Order/Transaction Quantity
UORG	mnQuantityPerPlanned	Numeric	15	Units - Order/Transaction Quantity
UORG	mnPlanningMultiple	Numeric	15	Units - Order/Transaction Quantity

### Conceptual Approach

When a sales order is added or changed, notification can be sent to Order Promising to receive a promise date for when the sales order and its items are available. When a sales order record has been added or modified, an XAPIOPOUT event will not be automatically published. A user must initiate a query to Order Promising.

### Objects that Can Initiate the XAPI Event

The P4210 and P42101 - Sales Order Entry programs can initiate the XAPIOPOUT event.

## XAPIOPIN

XAPIOPIN is used by the JD Edwards EnterpriseOne system. XAPIOPIN is the response from Order Promising when a sales order is queried. This event works in conjunction with XAPIOPOUT.

<b>Event Name</b>	<i>XAPIOPIN</i>
<b>Event Description</b>	<i>Order Promising</i>
<b>Event Type</b>	<i>XAPI</i>
<b>Event Category</b>	<i>CONTAINER</i>

Contains these data structures:

- D4205030A - XAPI Order Promising Result Header
- D4205030B - XAPI Order Promising Result Detail
- D4205030C - XAPI Order Promising Result RLR
- DXAPIROUTE - XAPI Call Routing Information

<b>Product Code</b>	<i>H42</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

### Event Fields for XAPIOPIN - D4205030A

The XAPIOPIN event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
OPBO	szBusinessObjective	String	30	OP Business Objective
MATH01	mnResultNumber	Numeric	15	Math Numeric 01
OPTC	mnTotalCost	Numeric	15	OP Total Cost
MATH01	mnTotalDeliveryCost	Numeric	15	Math Numeric 01
MATH01	mnTotalPrice	Numeric	15	Math Numeric 01
MATH01	mnTotalProfit	Numeric	15	Math Numeric 01
MATH01	mnTotalMargin	Numeric	15	Math Numeric 01
MATH01	mnTotalValue	Numeric	15	Math Numeric 01
OPLD	mnLatestLineDate	Date	6	OP Latest Line Date
OPBK	mnNumberOfBackorders	Numeric	15	OP Number of Backorders
OPSB	mnNumberOfSubstitutions	Numeric	15	OP Number of Substitutes

Data Item / Alias	Structure Member Name	Data Type	Size	Description
MATH01	mnOrderFillRate	Numeric	15	Math Numeric 01
DSCA	szErrorCode	String	40	Alpha Description
DS01	szErrorDescription	String	80	Description
GS3A	szOrderNumber	String	30	Generic String × 30 <b>Note.</b> Concatenated: Order Number, Order Type, and Order Company.
INT01	nAllowPartialOrderShip	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowMultisource	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowBackorders	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowSbstitution	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowPartialLineShip	Int	1	Integer 01 - JD Edwards EnterpriseOne
EV01	cDisplayBeforeAcceptMode	Char	1	J.D. PeopleSoft Enterprise Event Point 01
VERS	szSalesOrderEntryVersion	String	10	Version History
LNIX	mnLastLineNumber	Numeric	15	Line Number - X-REF
LINN	nLineNumberIncrement	Numeric	15	Line Number

### Event Fields for XAPIOPIN - D4205030B

The XAPIOPIN event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
LNID	mnLineNumber	Numeric	6	Line Number
LNID	nOriginalLineNumber	Numeric	6	Line Number
LINX	mnCacheLineNumber	Numeric	6	Line Number - X-REF
ITM	mnRequestedItem	Numeric	8	Item Number - Short

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ITM	mnAvailableItem	Numeric	6	Item Number - Short <b>Note.</b> This is the actual item used
UORG	mnAvailableAmount	Numeric	15	Units - Order/Transaction Quantity
RSDJ	jdAvailableDate	Date	6	Date - Promised Delivery
DRQJ	jdRequestedDate	Date	6	Date - Requested
PDDJ	jdPickDate	Date	6	Date - Scheduled Pick
PSDJ	jdShipDate	Date	6	Date - Future Date 2
MCU	szShipLocation	String	12	Business Unit
UNCS	mnCost	Numeric	15	Amount - Unit Cost
UNCS	mnDeliveryCost	Numeric	15	Amount - Unit Cost
UPRC	mnPrice	Numeric	15	Amount - Price per Unit
UPRC	mnProfit	Numeric	15	Amount - Price per Unit
UPRC	mnMargin	Numeric	15	Amount - Price per Unit
UPRC	mnValue	Numeric	15	Amount - Price per Unit
MATH01	mnSubstitutionRatio	Numeric	15	Math Numeric 01
OPSG	szShippingGroup	String	30	OP Shipping Group
OPMG	szMultisource	String	30	OP Multi Source Group
DSCA	szErrorCode	String	40	Alpha Description
DS01	szSuspectedCause	String	80	Description
INT01	nAllowPartialOrderShip	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowBackorders	Int	1	Integer 01 - JD Edwards EnterpriseOne
INT01	nAllowSubstitution	Int	1	Integer 01 - JD Edwards EnterpriseOne
CFGID	mnConfigurationIDNumber	Long	15	Configuration ID Number
CFGCID	mnComponentIDNumber	Long	15	Component ID Number

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CFGPID	mnParentIDNumber	Long	15	Parent ID Number
EV01	cCancelOriginalWorkOrders	Char	1	J.D. PeopleSoft Enterprise Event Point 01

### Event Fields for XAPIOPIN - D4205030C

The XAPIOPIN event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
CFGID	mnConfigurationIDNumber	Numeric	15	Configuration ID Number
CFGCID	mnComponentIDNumber	Numeric	15	Component ID Number
LNID	mnOriginalLineNumber	Numeric	15	Line Number
LNID	mnLineNumber	Numeric	15	Line Number
DOCO	mnSalesOrderNumber	Numeric	15	Document (Order No, Invoice, etc.)
DCTO	szSalesOrderType	String	2	Order Type
KCOO	szKeyOrderCompany	String	5	Order Company (Order Number
OPSQ	mnOperationSequence	Numeric	15	Sequence Number - Operations
CFGPID	mnParentComponentIDNumber	Numeric	15	Parent ID Number
DOCO	mnWorkOrderNumber	Numeric	15	Document (Order No, Invoice, etc.)
ITM	mnShortItemNumber	Numeric	15	Item Number - Short
MCU	szBranchPlant	String	12	Business Unit
UORG	mnQuantity	Numeric	15	Units - Order/Transaction Quantity
UOM	szUnitOfMeasure	String	3	Unit of Measure as Input
STRT	jdStartDate	Date	6	Date - Start (Julian)
DRQJ	jdRequestedDate	Date	6	Date - Requested

### Conceptual Approach

A sales order that is queried against Order Promising is sent back through this response event containing a promise date.

## Objects that Can Initiate the XAPI Event

The P4210 and P42101 - Sales Order Entry programs can initiate the XAPIOPIN event.

## Service and Equipment Work Orders

This section discusses the realtime events generated by the Work Order system.

### RTEQORDOUT

RTEQORDOUT is a container event that is generated by the JD Edwards EnterpriseOne system to provide work order information.

<b>Event Name</b>	<i>RTEQORDOUT</i>
<b>Event Description</b>	<i>Equipment Order</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>Container</i> Contains the RTEQORDHDR (D1702960 ) event.
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

A work order record added, modified or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Work Order Master File table (F4801) and the Work Order Master Tag File table (F4801T).

### Objects that Can Initiate the Event

The X4801 - X4801 Work Order Entry Master business function can initiate the RTEQORDOUT event.

### RTEQORDHDR

RTEQORDHDR is a single event that is generated by the JD Edwards EnterpriseOne system to provide work order information.

<b>Event Name</b>	<i>RTEQORDHDR</i>
<b>Event Description</b>	<i>Equipment Order Header</i>
<b>Event Type</b>	<i>RTE</i>

<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D1702960: Equipment Order Real Time Template</i>
<b>Event Relationship</b>	Included in container event RTEQORDOUT.

### Event Fields

The RTEQORDHDR event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnF4801DOCO	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szF4801DCTO	String	2	Order Type
SFXO	szF4801SFXO	String	3	Order Suffix
RCTO	szF4801RCTO	String	2	Related PO/SO/WO Order Type
RORN	szF4801RORN	String	8	Related PO/SO/WO Number
LNID	mnF4801LNID	Numeric	6	Line Number
PTWO	mnF4801PTWO	Numeric	8	Peg to Work Order
PARS	szF4801PARS	String	8	Number - Parent WO Number
TYPS	cF4801TYPS	Char	1	Type - W.O.
PRTS	cF4801PRTS	Char	1	Priority - W.O.
DL01	szF4801DL01	String	30	Description
STCM	szF4801STCM	String	30	Status - Comment
CO	szF4801CO	String	5	Company
MCU	szF4801MCU	String	12	Business Unit
MMCU	szF4801MMCU	String	12	Branch
LOCN	szF4801LOCN	String	20	Location
AI SL	szF4801AI SL	String	8	Aisle

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
BIN	szF4801BIN	String	8	Bin
SRST	szF4801SRST	String	2	Status Code W.O.
DCG	jdF4801DCG	Date	6	Date - Status Changed
SUB	szF4801SUB	String	8	Subsidiary
AN8	mnF4801AN8	Numeric	8	Address Number
ANO	mnF4801ANO	Numeric	8	Address Number - Originator
ANSA	mnF4801ANSA	Numeric	8	Address Number - Manager
ANPA	mnF4801ANPA	Numeric	8	Supervisor
ANP	mnF4801ANP	Numeric	8	Address Number - Assigned To
DPL	jdF4801DPL	Date	6	Date - W.O. Planned Completed
ANT	mnF4801ANT	Numeric	8	Address Number - Inspector
NAN8	mnF4801NAN8	Numeric	8	Next Address Number
TRDJ	jdF4801TRDJ	Date	6	Date - Order/Transaction
STRT	jdF4801STRT	Date	6	Date - Start (Julian)
DRQJ	jdF4801DRQJ	Date	6	Date - Requested
STRX	jdF4801STRX	Date	6	Date - Completion (Julian)
DAP	jdF4801DAP	Date	6	Date - Assigned to
DAT	jdF4801DAT	Date	6	Date - Assigned to Inspector
PPDT	jdF4801PPDT	Date	6	Date - Paper Printed Date
WR01	szF4801WR01	String	4	Categories - Work Order 01
WR02	szF4801WR02	String	3	Categories - Work Order 02
WR03	szF4801WR03	String	3	Categories - Work Order 03
WR04	szF4801WR04	String	3	Categories - Work Order 04
WR05	szF4801WR05	String	3	Categories - Work Order 05
WR06	szF4801WR06	String	3	JD Edwards EnterpriseOne Consulting - Status

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
WR07	szF4801WR07	String	3	JD Edwards EnterpriseOne Consulting - Service Type
WR08	szF4801WR08	String	3	JD Edwards EnterpriseOne Consulting - Skill Type
WR09	szF4801WR09	String	3	E1 Consulting - Experience Level
WR10	szF4801WR10	String	3	Categories - Work Order 10
VR01	szF4801VR01	String	25	Reference
VR02	szF4801VR02	String	25	Reference 2
AMTO	mnF4801AMTO	Numeric	15	Amount - Estimated
SETC	mnF4801SETC	Numeric	5	Crew Size
BRT	mnF4801BRT	Numeric	15	Revenue Rate Markup Override
PAYT	szF4801PAYT	String	5	Pay/Deduction/Benefit Type
AMTC	mnF4801AMTC	Numeric	15	Amount - Change to Original Dollars
HRSO	mnF4801HRSO	Numeric	15	Hours - Estimated
HRSC	mnF4801HRSC	Numeric	15	Hours - Change to Original Hours
AMTA	mnF4801AMTA	Numeric	15	Amount - Actual
HRSA	mnF4801HRSA	Numeric	15	Hours - Actual
ITM	mnF4801ITM	Numeric	8	Item Number - Short
AITM	szF4801AITM	String	25	3rd Item Number
LITM	szF4801LITM	String	25	2nd Item Number
NUMB	mnF4801NUMB	Numeric	8	Asset Item Number
APID	szF4801APID	String	12	Unit or Tag Number
UORG	mnF4801UORG	Numeric	15	Units - Order/Transaction Quantity
SOBK	mnF4801SOBK	Numeric	15	Units - Qty Backordered/Held
SOCN	mnF4801SOCN	Numeric	15	Units - Quantity Canceled /Scrapped
SOQS	mnF4801SOQS	Numeric	15	Quantity Shipped

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
QTYT	mnF4801QTYT	Numeric	15	Units - Shipped to Date
UOM	szF4801UOM	String	2	Unit of Measure as Input
SHNO	szF4801SHNO	String	10	Message Number
PBTM	mnF4801PBTM	Numeric	6	Time - Beginning (HH/MM/SS)
TBM	szF4801TBM	String	3	Type Bill of Material
TRT	szF4801TRT	String	3	Type of Routing
SHTY	cF4801SHTY	Char	1	WO Pick List Printed
PEC	cF4801PEC	Char	1	Posting Edit
PPFG	cF4801PPFG	Char	1	Variance Flag
BM	cF4801BM	Char	1	Bill of Material (N)
RTG	cF4801RTG	Char	1	Route Sheet (N)
SPRT	cF4801SPRT	Char	1	Work Order Flash Message
UNCD	cF4801UNCD	Char	1	Work Order Freeze Code
INDC	cF4801INDC	Char	1	Indented Code
RESC	mnF4801RESC	Numeric	5	Resequene Code
MOH	mnF4801MOH	Numeric	15	Amount - Miles or Hours (units)
TDT	jdF4801TDT	Date	6	Date - Scheduled Tickler
POU	mnF4801POU	Numeric	15	Amount - Memo Budget Changes
PC	mnF4801PC	Numeric	5	Percent Complete
LTLV	mnF4801LTLV	Numeric	5	Leadtime Level
LTCM	mnF4801LTCM	Numeric	5	Leadtime Cumulative
CTS1	mnF4801CTS1	Numeric	15	Hours - Unaccounted Direct Labor
LOTN	szF4801LOTN	String	30	Lot/Serial Number
LOTP	mnF4801LOTP	Numeric	15	Lot Potency
LOTG	szF4801LOTG	String	3	Lot Grade
RAT1	mnF4801RAT1	Numeric	5	Ratio - Critical Ratio Priority 1

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
RAT2	mnF4801RAT2	Numeric	5	Ration - Critical Ratio Parioty 2
DCT	szF4801DCT	String	2	Document Type
SBLI	cF4801SBLI	Char	1	Subledger Inactive Code
RKCO	szF4801RKCO	String	5	Company - Key (Related Order)
BREV	szF4801BREV	String	3	Bill Revision Level
RREV	szF4801RREV	String	3	Routing Revision Level
DRWC	cF4801DRWC	Char	1	Drawing Change
RTCH	cF4801RTCH	Char	1	Routing Change
PNRQ	ccF4801PNRQ	Char	1	New Part Number
REAS	szF4801REAS	String	2	Reason for ECO
PHSE	szF4801PHSE	String	3	Phase In
XDSP	szF480XDSP	String	3	Existing Disposition
BOMC	cF4801BOMC	Char	1	BOM Change
URCD	szF4801URCD	String	2	User Reserved Code
URDT	jdF4801URDT	Date	6	User Reserved Date
URAT	mnF4801URAT	Numeric	15	User Reserved Amount
URAB	mnF4801URAB	Numeric	8	User Reserved Number
URRF	szF4801URRF	String	15	User Reserved Reference
USER	szF4801USER	String	10	User ID
PID	szF4801PID	String	10	Program ID
JOBN	szF4801JOBN	String	10	Work Station ID
UPMJ	jdF4801UPMJ	Date	6	Date - Updated
TDAY	mnF4801TDAY	Numeric	6	Time of Day
AAID	mnF4801AAID	Numeric	8	Parent Number
NTST	szF4801NTST	String	2	Next Status - W.O.
XRTO	mnF4801XRTO	Numeric	4	Criticality - Work Order

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ESDN	mnF4801ESDN	Numeric	5	Estimated Downtime Hours
ACDN	mnF4801ACDN	Numeric	5	Actual Downtime Hours
SAID	mnF4801SAID	Numeric	8	Service Address Number
MPOS	mnF4801MPOS	Numeric	3	Meter Position
APRT	szF4801APRT	String	3	Approval Type
AMLC	mnF4801AMLC	Numeric	15	Amount - Estimated Labor
AMMC	mnF4801AMMC	Numeric	15	Amount - Estimated Material
AMOT	mnF4801AMOT	Numeric	15	Amount - Estimated Other
LBAM	mnF4801LBAM	Numeric	15	Amount - Actual Labor
MTAM	mnF4801MTAM1	Numeric	15	Amount - Actual Material
LINE	szF4801TLINE	String	12	Line/Cell Identifier
MWDH	cF4801TMWDH	Char	1	Month/Week/Day/Shift
SCSP	mnF4801SCSP	Numeric	2	Schedule Spread
SHFT	cF4801TSHFT	Char	1	Shift Code
SRCN	cF4801TSRCN	Char	1	Serialized components
LEDG	szF4801TLEDG	String	2	Cost Method
CTS4	mnF4801TCTS4	Numeric	15	Amount - Unaccounted Direct Labor
CTS7	mnF4801TCTS7	Numeric	15	Amount - Unaccounted Scrap
CTS8	mnF4801TCTS8	Numeric	15	Units - Unaccounted Scrap
AID	szF4801TAID	String	8	Account ID
ALSE	cF4801TALSE	Char	1	Alert Sensitive Task
ASID	szF4801TASID	String	25	Serial Number
ATST	jdF4801TATST	Date	6	Date - Actual Start (Julian)
BSEQ	mnF4801TBSEQ	Numeric	5	Sequence - Bubble Sequence
CHPR	cF4801TCHPR	Char	1	Charge Cost to Project Account
CRCD	szF4801TCRCD	String	3	Currency Code - From

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CRCE	szF4801TCRCE	String	3	Currency Code - Source
CRCF	szF4801TCRCF	String	3	Currency Code - Origin
D5J	jdF4801TD5J	Date	6	Date - Other 5
D6J	jdF4801TD6J	Date	6	Date - Other 6
DRAW	szF4801TDRAW	String	20	Drawing Number
DUAL	cF4801TDUAL	Char	1	Dual Unit Of Measure Item
MPCE	cF4801TMPCE	Char	1	Production Costs Exist
MPRC	cF4801TMPRC	Char	1	Changes to Parts And Routings Allowed
OBJ	szF4801TOBJ	String	6	Object Account
OTAM	mnF4801TOTAM	Numeric	15	Amount - Actual Other
PRJM	mnF4801TPRJM	Numeric	8	Project Number
PRRP	cF4801TPRRP	Char	1	Direct Project Relationship
SHPP	cF4801TSHPP	Char	1	Ship This Phase
SQOR	mnF4801TSQOR	Numeric	15	Units - Secondary Quantity Ordered
SRKF	cF4801TSRKF	Char	1	Shrink Factor Method
SRNK	mnF4801TSRNK	Numeric	15	Shrink Factor
SSOQ	mnF4801TSSOQ	Numeric	15	Secondary Quantity Completed
TRAF	cF4801TTRAF	Char	1	Resources Assigned
UOM2	szF4801TUOM2	String	2	Unit of Measure - Secondary
WR11	szF4801TWR11	String	3	Categories - Work Order 11
WR12	szF4801TWR12	String	3	Categories - Work Order 12
WR13	szF4801TWR13	String	3	Categories - Work Order 13
WR14	szF4801TWR14	String	3	Categories - Work Order 14
WR15	szF4801TWR15	String	3	Categories - Work Order 15
WR16	szF4801TWR16	String	3	Categories - Work Order 16

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
WR17	szF4801TWR17	String	3	Categories - Work Order 17
WR18	szF4801TWR18	String	3	Categories - Work Order 18
WR19	szF4801TWR19	String	3	Categories - Work Order 19
WR20	szF4801TWR20	String	3	Categories - Work Order 20
JBCD	szF4801TJBCD	String	6	Job Type (Craft) Code
VFWO	cF4801TVFWO	Char	1	Firm Work Order
PMTN	szF4801TPMTN	String	12	Promotion ID
ISSUE	szF4801TISSUE	String	80	Problem Description
PRODM	szF4801TPRODM	String	8	Product Model
WHO2	szF4801TWHO2	String	40	Contact Name 2
AR1	szF4801TAR1	String	6	Phone Prefix
PHN1	szF4801TPHN1	String	20	Phone Number
TMCO	mnF4801TTMCO	Numeric	6	Time - Completed
MTHPR	cF4801TMTHPR	Char	1	Method of Pricing
ENTCK	szF4801TENTCK	String	3	Entitlement Check
RYIN	cF4801TRYIN	Char	1	Payment Instrument
RSTM	mnF4801TRSTM	Numeric	5	Time - Guaranteed Response
CTR	szF4801TCTR	String	3	Country
REGION	szF4801TREGION	String	3	Geographic Region Code
TXA1	szF4801TTXA1	String	10	Tax Rate/Area
EXR1	szF4801TEXR1	String	2	Tax Expl Code 1
LNKP	szF4801TLNKP	String	2	Language
GLCCV	szF4801TGLCCV	String	4	Category - G/L Covered
GLCNC	szF4801TGLCNC	String	4	Category - G/L Non-Covered
COVGR	szF4801TCOVGR	String	8	Coverage Group
ASN4	szF4801TASN4	String	8	Price and Adjustment Schedule-Four

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ASN2	szF4801TASN2	String	8	Price and Adjustment Schedule-Service
SEST	mnF4801TSEST	Numeric	6	Time - Scheduled Start (HH/MM/SS)
SEET	mnF4801TSEET	Numeric	6	Time - Scheduled End (HH/MM/SS)
DSAVNAME	szF4801TDSAVNAME	String	10	Daylight Savings Rule Name
TIMEZONES	szF4801TTIMEZONES	String	2	Time Zone List
PRODF	szF4801TPRODF	String	8	Product Family
CSLPRT	mnF4801TCSLPRT	Numeric	8	Casual Part
MCUCSL	szF4801TMCUCSL	String	12	Casual Part Business Unit
RLOT	szF4801TRLOT	String	30	Supplier Lot Number
FAILCD	szF4801TFAILCD	String	8	Defect Code
FAILDT	jdF4801TFAILDT	Date	6	Failure Date
FAILTM	mnF4801TFAILTM	Numeric	6	Failure Time
REPDT	mnF4801TREPDT	Numeric	6	Repair Date
REPTM	mnF4801TREPTM	Numeric	6	Repair Time
VEND	mnF4801TVEND	Numeric	8	Primary / Last Supplier Number
AN8AS	mnF4801TAN8AS	Numeric	8	Assessor Number
AN8SRM	mnF4801TAN8SRM	Numeric	8	Supplier Recovery Manager Number
SRYN	cF4801TSRYN	Char	1	Eligible Supplier Recovery
ENTCKS	szF4801TENTCKS	String	3	Entitlement Check Supplier
CURBALM1	mnF4801TCURBALM1	Numeric	15	Current Balance of Meter 1
CURBALM2	mnF4801TCURBALM2	Numeric	15	Current Balance of Meter 2
CURBALM3	mnF4801TCURBALM3	Numeric	15	Current Balance of Meter 3
CRDC	szF4801TCRDC	String	3	Currency Code - To
CRRM	cF4801TCRRM	Char	1	Currency Mode-Foreign or Domestic Entry

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
CRR	mnF4801TCRR	Numeric	15	Currency Conversion Rate - Spot Rate
VMRS31	szF4801TVMRS31	String	2	Component Code - System
VMRS32	szF4801TVMRS32	String	8	Component Code - Assembly
SEQN	mnF4801TSEQN	Numeric	7	Sequence Number
PLMR	mnF4801TPLMR	Numeric	15	Planned Material
PLLB	mnF4801TPLLB	Numeric	15	Planned Labor
PLOS	mnF4801TPLOS	Numeric	15	Planned Other
BGTC	mnF4801TBGTC	Numeric	15	Budgeted Cost
TOEM	mnF4801TTOEM	Numeric	15	Total Estimated
TOPL	mnF4801TTOPL	Numeric	15	Total Planned
PLSA	mnF4801TPLSA	Numeric	15	Planned Special Amount
PLSU	mnF4801TPLSU	Numeric	15	Planned Special Units
ESSA	mnF4801TESSA	Numeric	15	Estimated Special Amount
ESSU	mnF4801TESSU	Numeric	15	Estimated Special Units
ACSA	mnF4801TACSA	Numeric	15	Actual Special Amount
ACSU	mnF4801TACSU	Numeric	15	Actual Special Units
OACM	mnF4801TOACM	Numeric	15	Amount Committed - Original
RACM	mnF4801TRACM	Numeric	15	Amount Committed - Remaining
HPLF	cF4801THPLF	Char	1	Held Parts List Flag
VMRS33	szF4801TVMRS33	String	10	Component Code - Part
SCALL	cF4801TSCALL	Char	1	Call Backs
ISNO	mnF4801TISNO	Numeric	8	Issue Number
RMTHD	cF4801TRMTHD	Char	1	Reimbursement Method
DOC	mnF4801TDOC	Numeric	8	Document (Voucher, Invoice, etc.)
DCT	szF4801TDCT	String	2	Document Type

Data Item / Alias	Structure Member Name	Data Type	Size	Description
KCO	szF4801TKCO	String	5	Document Company
COCH	szF4801TCOCH	String	3	Contract Change Number
LNID	mnF4801TLNID	Numeric	6	Line Number
CRTU	szF4801TCRTU	String	10	Created by user
XEVT	cF4801TXEVT	Char	1	External Event Flag

### Conceptual Approach

A work order record added, modified or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Work Order Master File table (F4801) and the Work Order Master Tag File table (F4801T).

### Objects that Can Initiate the Event

The X4801 - X4801 Work Order Entry Master business function can initiate the RTEQORDHDR event.

## RTPROUT

RTPROUT is a container event that is generated by the JD Edwards EnterpriseOne system to provide work order parts information.

<b>Event Name</b>	<i>RTPROUT</i>
<b>Event Description</b>	<i>Parts List Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Contains the RTPRHDR (D1702980 ) event.
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

A parts record added, modified or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Work Order Parts List table (F3111) and the Parts List - Extension table (F31171).

### Objects that Can Initiate the Event

The B3101260 - Parts List Master Business Function can initiate the RTPROUT event.

## RTPRHDR

RTPRHDR is a single event that is generated by the JD Edwards EnterpriseOne system to provide work order parts information.

<b>Event Name</b>	<i>RTPRHDR</i>
<b>Event Description</b>	<i>Parts List Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D1702980: Parts List Real Time Template</i>
<b>Event Relationship</b>	Included in container event RTPROUT.

### Event Fields

The RTPRHDR event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnF3111DOCO	Numeric	8	Document (Order No, Invoice, etc.)
DCTO	szF3111DCTO	String	2	Order Type
SFXO	szF3111SFXO	String	3	Order Suffix
TBM	szF3111TBM	String	3	Type Bill of Material
FORQ	cF3111FORQ	Char	1	Fixed or Variable Quantity
ITC	cF3111ITC	Char	1	Issue Type Code
COBY	cF3111COBY	Char	1	Co-Products/By-Products /Intermediate
COTY	cF3111COTY	Char	1	Component Type
CPNT	mnF3111CPNT	Numeric	4	Component Line Number
FRMP	mnF3111FRMP	Numeric	7	From Potency
THRP	mnF3111THRP	Numeric	7	Thru Potency

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
FRGD	szF3111FRGD	String	3	From Grade
THGD	szF3111THGD	String	3	Thru Grade
RKCO	szF3111RKCO	String	5	Company - Key (Related Order)
RORN	szF3111RORN	String	8	Related PO/SO/WO Number
RCTO	szF3111RCTO	String	2	Related PO/SO/WO Order Type
RLLN	mnF3111RLLN	Numeric	7	Related PO/SO Line Number
OPSQ	mnF3111OPSQ	Numeric	5	Sequence Number - Operations
BSEQ	mnF3111BSEQ	Numeric	5	Sequence - Bubble Sequence
RSCP	mnF3111RSCP	Numeric	5	Resource Percent
SCRP	mnF3111SCRP	Numeric	5	Percent - Percent of Scrap
REWP	mnF3111REWP	Numeric	5	Percent - Rework
ASIP	mnF3111ASIP	Numeric	5	Percent - As is
CPYP	mnF3111CPYP	Numeric	5	Percent - Cumulative Planned Yield
STPP	mnF3111STPP	Numeric	5	Operation Scrap Percent
LOVD	mnF3111LOVD	Numeric	6	Leadtime Offset Days
CPIT	mnF3111CPIT	Numeric	8	Component Item Number - Short
CPIL	szF3111CPIL	String	25	Component 2nd Item Number
CPIA	szF3111CPIA	String	25	Component 3rd Item Number
CMCU	szF3111CMCU	String	12	Component Branch
DSC1	szF3111DSC1	String	30	Description
DSC2	szF3111DSC2	String	20	Description - Line 2
LOCN	szF3111LOCN	String	20	Location
LOTN	szF3111LOTN	String	30	Lot/Serial Number
AN8	mnF3111AN8	Numeric	8	Address Number
LNTY	szF3111LNTY	String	2	Line Type
SERN	szF3111SERN	String	30	Serial Number - Lot

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TRDJ	jdF3111TRDJ	Date	6	Date - Order/Transaction
DRQJ	jdF3111DRQJ	Date	6	Date - Requested
UORG	mnF3111UORG	Numeric	15	Units - Order/Transaction Quantity
TRQT	mnF3111TROT	Numeric	15	Quantity Available
SOCN	mnF3111SOCN	Numeric	15	Units - Quantity Canceled /Scrapped
CTS1	mnF3111CTS1	Numeric	15	Hours - Unaccounted Direct Labor
SOBK	mnF3111SOBK	Numeric	15	Units - Qty Backordered/Held
QNTA	mnF3111QNTA	Numeric	15	Units - Quantity Committed
UM	szF3111UM	String	2	Unit of Measure
EA	mnF3111EA	Numeric	15	Amount - Estimated Cost
RTG	cF3111RTG	Char	1	Route Sheet (N)
MTST	szF3111MTST	String	2	Material Status Code W.O.
DCT	szF3111DCT	String	2	Document Type
SHNO	szF3111SHNO	String	10	Message Number
MCU	szF3111MCU	String	12	Business Unit
OMCU	szF3111OMCU	String	12	Project Business Unit
OBJ	szF3111OBJ	String	6	Object Account
SUB	szF3111SUB	String	8	Subsidiary
CMRV	szF3111CMRV	String	3	Component Revision Level
STRX	jdF3111STRX	Date	6	Date - Completion (Julian)
PARS	szF3111PARS	String	8	Number - Parent WO Number
COMM	cF3111COMM	Char	1	Committed (H/S)
URCD	szF3111URCD	String	2	User Reserved Code
URDT	jdF3111URDT	Date	6	User Reserved Date
URAT	mnF3111URAT	Numeric	15	User Reserved Amount

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
URRF	szF3111URRF	String	15	User Reserved Reference
URAB	mnF3111URAB	Numeric	8	User Reserved Number
USER	szF3111USER	String	10	User ID
PID	szF3111PID	String	10	Program ID
JOBN	szF3111JOBN	String	10	Work Station ID
UPMJ	jdF3111UPMJ	Date	6	Date - Updated
TDAY	mnF3111TDAY	Numeric	6	Time of Day
UKID	mnF3111UKID	Numeric	15	Unique Key ID (Internal)
VEND	mnF3111VEND	Numeric	8	Primary / Last Supplier Number
POC	cF3111POC	Char	1	Issue and Receipt
CTS4	mnF3111CTS4	Numeric	15	Amount - Unaccounted Direct Labor
CTS7	mnF3111CTS7	Numeric	15	Amount - Unaccounted Scrap
CTS8	mnF3111CTS8	Numeric	15	Units - Unaccounted Scrap
GLD	jdF3111GLD	Date	6	G/L Date
SBLF	cF3111SBLF	Char	1	Parts List Substitute Flag
AING	cF3111AING	Char	1	Active Ingredient Flag
SSTQ	mnF3111SSTQ	Numeric	15	Secondary Quantity Issued/Completed
UOM2	szF3111UOM2	String	2	Unit of Measure - Secondary
APSC	cF3111APSC	Char	1	Constraints Flag
PSN	mnF3111PSN	Numeric	8	Pick Slip Number
DLEJ	jdF3111DLEJ	Date	6	Lot Effectivity Date
COST	szF3111COST	String	3	Cost Component
CHPP	cF3111CHPP	Char	1	Critical Hold Propagation
CPNB	mnF3111CPNB	Numeric	8	Component Line Number BOM
BSEQAN	szF3111BSEQAN	String	5	Bubble Sequence Alpha Numeric

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ESUNC	mnF31171ESUNC	Numeric	15	Estimated Unit Cost
ESUNB	mnF31171ESUNB	Numeric	15	Estimated Unit Billable
ESUNP	mnF31171ESUNP	Numeric	15	Estimated Unit Payable
EPAAP	mnF31171EPAAP	Numeric	15	Estimated Payment Amount
AMTO	mnF31171AMTO	Numeric	15	Amount - Estimated
EBILL	mnF31171EBILL	Numeric	15	Estimated Amount
ACUNC	mnF31171ACUNC	Numeric	15	Actual Unit Cost
ACUNB	mnF31171ACUNB	Numeric	15	Actual Unit Billable
ACUNP	mnF31171ACUNP1	Numeric	15	Actual Unit Payable
AMTA	mnF31171AMTA	Numeric	15	Amount - Actual
TOTB	mnF31171TOTB	Numeric	15	Total Billed
PAAP	mnF31171PAAP	Numeric	15	Payment Amount
CLAMT	mnF31171CLAMT	Numeric	15	Claim Amount
VEND	mnF31171VEND	Numeric	8	Primary / Last Supplier Number
PAYAB	cF31171PAYAB	Char	1	Payable (Y/N)
BILL	cF31171BILL	Char	1	Billable (Y/N)
DTPAY	jdF31171DTPAY	Date	6	Date - Paid
DTBIL	jdF31171DTBIL	Date	6	Date - Billed
COST	szF31171COST	String	3	Cost Component
GLCCV	szF31171GLCCV	String	4	Category - G/L Covered
GLCNC	szF31171GLCNC	String	4	Category - G/L Non-Covered
ENTCK	szF31171ENTCK	String	3	Entitlement Check
PID	szF31171PID	String	10	Program ID
VR02	szF31171VR02	String	25	Reference 2
JOBN	szF31171JOBN	String	10	Work Station ID
UPMJ	jdF31171UPMJ	Date	6	Date - Updated

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
TDAY	mnF31171TDAY	Numeric	6	Time of Day
ASN4	szF31171ASN4	String	8	Price and Adjustment Schedule-Four
ASN2	szF31171ASN2	String	8	Price and Adjustment Schedule-Service
PCOVR	mnF31171PCOVR	Numeric	5	Percent Covered
MTHPR	cF31171MTHPR	Char	1	Method of Pricing
SAID	mnF31171SAID	Numeric	8	Service Address Number
PRODF	szF31171PRODF	String	8	Product Family
PRODM	szF31171PRODM	String	8	Product Model
PMTHP	cF31171PMTHP	Char	1	Pay Pricing Method
COVGR	szF31171COVGR	String	8	Coverage Group
PYPRT	cF31171PYPRT	Char	1	Pay Service Provider for Parts
CRDC	szF31171CRDC	String	3	Currency Code - To
BCRCD	szF31171BCRCD	String	3	Billable Currency
BCRR	mnF31171BCRR	Numeric	15	Billable Exchange Rate
BCRRM	cF31171BCRRM	Char	1	Billable Currency Mode
FESUNB	mnF31171FESUNB	Numeric	15	Foreign Estimated Billable Unit Rate
FEBILL	mnF31171FEBILL	Numeric	15	Foreign Estimated Billable Amount
FACUNB	mnF31171FACUNB	Numeric	15	Foreign Actual Billable Unit Rate
FTOTB	mnF31171FTOTB	Numeric	15	Foreign Actual Billable Amount
PCRCD	szF31171PCRCD	String	3	Payable Currency
PCRR	mnF31171PCRR	Numeric	15	Payable Exchange Rate
PCRRM	cF31171PCRRM	Char	1	Payable Currency Mode
FESUNP	mnF31171FESUNP	Numeric	15	Foreign Estimated Payable Unit Rate

Data Item / Alias	Structure Member Name	Data Type	Size	Description
FEPAAP	mnF31171FEPAAP	Numeric	15	Foreign Estimated Payable Amount
FACUNP	mnF31171FACUNP	Numeric	15	Foreign Actual Payable Unit Rate
FPAAP	mnF31171FPAAP	Numeric	15	Foreign Actual Payable Amount
FAILCD	szF31171FAILCD	String	8	Defect Code
RETPOL	cF31171RETPOL	Char	1	Return Policy
DTSUB	jdF31171DTSUB	Date	6	Date Submitted
TMSUB	mnF31171TMSUB	Numeric	6	Time Submitted
CSLPRT	mnF31171CSLPRT	Numeric	8	Casual Part
VMRS33	szF31171VMRS33	String	10	Component Code - Part
SRVEND	mnF31171SRVEND	Numeric	8	Supplier Recovery Vendor Number
RLOT	szF31171RLOT	String	30	Supplier Lot Number
MCUCSL	szF31171MCUCSL	String	12	Casual Part Business Unit
TAX1	cF31171TAX1	Char	1	Sales Taxable (Y/N)
UKIDP	mnF31171UKIDP	Numeric	15	Unique Key Pricing
VMRS31	szF31171VMRS31	String	2	Component Code - System
VMRS32	szF31171VMRS32	String	8	Component Code - Assembly

## Conceptual Approach

A parts record added, modified or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Work Order Parts List table (F3111) and the Parts List - Extension table (F31171).

## Objects that Can Initiate the Event

The B3101260 - Parts List Master Business Function can initiate the RTPRHDR event.

## RTLBR0UT

RTLBR0UT is a container event that is generated by the JD Edwards EnterpriseOne system to provide work order labor information.

<b>Event Name</b>	<i>RTLBR0UT</i>
<b>Event Description</b>	<i>Labor Header</i>

<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Contains the RTLBRHDR (D1703000) event.
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

A parts record added, modified or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Work Order Routing table (F3112) and the Routing Instructions - Extension table (F31172).

### Objects that Can Initiate the Event

The B3101250 - Work Order Routing Master Business Function can initiate the RTLBROUT event.

## RTLBRHDR

RTLBRHDR is a single event that is generated by the JD Edwards EnterpriseOne system to provide work order labor information.

<b>Event Name</b>	<i>RTLBRHDR</i>
<b>Event Description</b>	<i>Routing Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H13</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D1703000: Routing Real Time Template</i>
<b>Event Relationship</b>	Included in container event RTLBROUT.

### Event Fields

The RTLBRHDR event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cEventNotificationActionCode	Char	1	Action Code
DOCO	mnF3112DOCO	Numeric	8	Document (Order No, Invoice, etc.)

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
DCTO	szF3112DCTO	String	2	Order Type
SFXO	szF3112SFXO	String	3	Order Suffix
TRT	szF3112TRT	String	3	Type of Routing
KIT	mnF3112KIT	Numeric	8	Parent (short) Item Number
KITL	szF3112KITL	String	25	Kit - 2nd Item Number
KITA	szF3112KITA	String	25	3rd Item Number - Kit
MMCU	szF3112MMCU	String	12	Branch
LINE	szF3112LINE	String	12	Line/Cell Identifier
MCU	szF3112MCU	String	12	Business Unit
ALD	szF3112ALD	String	4	Auto Load Description
DSC1	szF3112DSC1	String	30	Description
OPSQ	mnF3112OPSQ	Numeric	5	Sequence Number - Operations
OPSC	szF3112OPSC	String	2	Type Operation Code
OPST	szF3112OPST	String	2	Operation Status Code W.O.
INPE	szF3112INPE	String	2	Inspection Code
TIMB	cF3112TIMB	Char	1	Time Basis Code
LAMC	cF3112LAMC	Char	1	Labor or Machine
BFPF	cF3112BFPF	Char	1	Pay Point Code
PPRF	cF3112PPRF	Char	1	Pay Point Status
JBCD	szF3112JBCD	String	6	Job Type (Craft) Code
AN8	mnF3112AN8	Numeric	8	Address Number
CRTR	mnF3112CRTR	Numeric	7	Critical Ratio
SLTR	mnF3112SLTR	Numeric	7	Slack Time Ratio
TRDJ	jdF3112TRDJ	Date	6	Date - Order/Transaction
DRQJ	jdF3112DRQJ	Date	6	Date - Requested
STRT	jdF3112STRT	Date	6	Date - Start (Julian)

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
STRX	jdF3112STRX	Date	6	Date - Completion (Julian)
RSFT	cF3112RSFT	Char	1	Shift Code - Requested
SSFT	cF3112SSFT	Char	1	Shift Code - Start
CSFT	cF3112CSFT	Char	1	Shift Code - Completed
LTPC	mnF3112LTPC	Numeric	5	Percent - Leadtime Overlap
POVR	mnF3112POVR	Numeric	5	Percent - Overlap
OPYP	mnF3112OPYP	Numeric	5	Percent - Operational Planned Yield
CPYP	mnF3112CPYP	Numeric	5	Percent - Cumulative Planned Yield
NXOP	mnF3112NXOP	Numeric	5	Sequence Number - Next Operation
SETC	mnF3112SETC	Numeric	5	Crew Size
MOVD	mnF3112MOVD	Numeric	5	Move Hours - Standard
QUED	mnF3112QUED	Numeric	5	Queue Hours - Standard
RUNM	mnF3112RUNM	Numeric	15	Run Machine - Standard
RUNL	mnF3112RUNL	Numeric	15	Run Labor - Standard
SETL	mnF3112SETL	Numeric	15	Setup Labor - Standard
MACA	mnF3112MACA	Numeric	15	Run Machine - Actual
LABA	mnF3112LABA	Numeric	15	Run Labor - Actual
SETA	mnF3112SETA	Numeric	15	Hours - Setup Labor Hours - Actual
OPSR	mnF3112OPSR	Numeric	15	Factor - Operation Shrinkage Factor
UORG	mnF3112UORG	Numeric	15	Units - Order/Transaction Quantity
SOCN	mnF3112SOCN	Numeric	15	Units - Quantity Canceled /Scrapped
SOQS	mnF3112SOQS	Numeric	15	Quantity Shipped
QMT0	mnF3112OMTO	Numeric	15	Units - Quantity at Operation

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PWRT	mnF3112PWRT	Numeric	15	Rate - Piecework
UOM	szF3112UOM	String	2	Unit of Measure as Input
CTS2	mnF3112CTS2	Numeric	15	Hours - Unaccounted Setup Labor
CTS3	mnF3112CTS3	Numeric	15	Hours - Unaccounted Machine Hours
CTS4	mnF3112CTS4	Numeric	15	Amount - Unaccounted Direct Labor
CTS5	mnF3112CTS5	Numeric	15	Amount - Unaccounted Setup Labor
CTS6	mnF3112CTS6	Numeric	15	Amount - Unaccounted Machine
APID	szF3112APID	String	12	Unit or Tag Number
SHNO	szF3112SHNO	String	10	Message Number
OMCU	szF3112OMCU	String	12	Project Business Unit
OBJ	szF3112OBJ	String	6	Object Account
SUB	szF3112SUB	String	8	Subsidiary
VEND	mnF3112VEND	Numeric	8	Primary / Last Supplier Number
RKCO	szF3112RKCO	String	5	Company - Key (Related Order)
RORN	szF3112RORN	String	8	Related PO/SO/WO Number
RCTO	szF3112RCTO	String	2	Related PO/SO/WO Order Type
RLLN	mnF3112RLLN	Numeric	7	Related PO/SO Line Number
DCT	szF3112DCT	String	2	Document Type
URCD	szF3112URCD	String	2	User Reserved Code
URDT	jdF3112URDT	Date	6	User Reserved Date
URAT	mnF3112URAT	Numeric	15	User Reserved Amount
URRF	szF3112URRF	String	15	User Reserved Reference
URAB	mnF3112URAB	Numeric	8	User Reserved Number
USER	szF3112USER	String	10	User ID
PID	szF3112PID	String	10	Program ID

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
JOBN	szF3112JOBN	String	10	Work Station ID
UPMJ	jdF3112UPMJ	Date	6	Date - Updated
TDAY	mnF3112TDAY	Numeric	6	Time of Day
LOCN	szF3112LOCN	String	20	Location
RUC	mnF3112RUC	Numeric	15	Resource units consumed
CAPU	szF3112CAPU	String	2	Capacity Unit of measure
WMCU	szF3112WMCU	String	12	Workcenter Branch
CMHR	mnF3112CMHR	Numeric	15	Run Machine - Current
CLHR	mnF3112CLHR	Numeric	15	Run Labor - Current
CSHR	mnF3112CSHR	Numeric	15	Setup Labor - Current
COST	szF3112COST	String	3	Cost Component
ACTB	szF3112ACTB	String	10	Activity-Based Costing Activity Code
NUMB	mnF3112NUMB	Numeric	8	Asset Item Number
CTS7	mnF3112CTS7	Numeric	15	Amount - Unaccounted Scrap
CTS8	mnF3112CTS8	Numeric	15	Units - Unaccounted Scrap
CTS9	mnF3112CTS9	Numeric	15	Hours - Unaccounted Direct Labor
LABP	mnF3112LABP	Numeric	15	Run Labor - Rate
MACR	mnF3112MACR	Numeric	15	Run Machine - Rate
SETR	mnF3112SETR	Numeric	15	Setup Labor - Rate
APSC	cF3112APSC	Char	1	Constraints Flag
SEST	mnF3112SEST	Numeric	6	Time - Scheduled Start (HH/MM/SS)
SEET	mnF3112SEET	Numeric	6	Time - Scheduled End (HH/MM/SS)
D2J	jdF3112D2J	Date	6	Date - Actual Start
TMCO	mnF3112TMCO	Numeric	6	Time - Completed

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
STTI	mnF3112STTI	Numeric	6	Time - Start (HH/MM/SS)
CMPE	szF3112CMPE	String	3	Competency Type
CMPC	szF3112CMPC	String	10	Competency Code
CPLVLF	mnF3112CPLVLF	Numeric	6	Competency Level Form
CPLVLT	mnF3112CPLVLT	Numeric	6	Competency Level To
CMRQ	cF3112CMRQ	Char	1	Rule Match Flag
PAYAB	cF31172PAYAB	Char	1	Payable (Y/N)
BILL	cF31172BILL	Char	1	Billable (Y/N)
ACRTB	mnF31172ACRTB	Numeric	15	Actual Billable Rate
ACRTP	mnF31172ACRTP	Numeric	9	Actual Payable Rate
ACRTP	mnF31172EBILL	Numeric	9	Actual Payable Rate
AMTA	mnF31172AMTA	Numeric	15	Amount - Actual
AMTO	mnF31172AMTO	Numeric	15	Amount - Estimated
ESRTB	mnF31172ESRTB	Numeric	15	Estimated Billable Rate
ESRTP	mnF31172ESRTP	Numeric	15	Estimated Payable Rate
EPAAP	mnF31172EPAAP	Numeric	15	Estimated Payable Amount
TOTB	mnF31172TOTB	Numeric	15	Total Billed
CLAMT	mnF31172CLAMT	Numeric	15	Claim Amount
DTBIL	jdF31172DTBIL	Date	6	Date - Billed
DTPAY	jdF31172DTPAY	Date	6	Date - Paid
PAAP	mnF31172PAAP	Numeric	15	Payment Amount
LBR1	mnF31172LBR1	Numeric	15	Rate - Labor Per Hour
D2J	jdF31172D2J	Date	6	Date - Actual Start
STTI	mnF31172STTI	Numeric	6	Time - Start (HH/MM/SS)
EPETM	mnF31172EPETM	Numeric	6	Estimated Time - Ending (HH/MM/SS)
COST	szF31172COST	String	3	Cost Component

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ENTCK	szF31172ENTCK	String	3	Entitlement Check
GLCNC	szF31172GLCNC	String	4	Category - G/L Non-Covered
GLCCV	szF31172GLCCV	String	4	Category - G/L Covered
USER	szF31172USER	String	10	User ID
PID	szF31172PID	String	10	Program ID
JOBN	szF31172JOBN	String	10	Work Station ID
UPMJ	jdF31172UPMJ	Date	6	Date - Updated
TDAY	mnF31172TDAY	Numeric	6	Time of Day
ASN4	szF31172ASN4	String	8	Price and Adjustment Schedule-Four
ASN2	szF31172ASN2	String	8	Price and Adjustment Schedule-Service
PCOVR	mnF31172PCOVR	Numeric	5	Percent Covered
MTHPR	cF31172MTHPR	Char	1	Method of Pricing
SAID	mnF31172SAID	Numeric	8	Service Address Number
PRODF	szF31172PRODF	String	8	Product Family
PRODM	szF31172PRODM	String	8	Product Model
COVGR	szF31172COVGR	String	8	Coverage Group
PMTHP	cF31172PMTHP	Char	1	Pay Pricing Method
PYPRT	cF31172PYPRT	Char	1	Pay Service Provider for Parts
CRDC	szF31172CRDC	String	3	Currency Code - To
BCRCD	szF31172BCRCD	String	3	Billable Currency
BCRR	mnF31172BCRR	Numeric	15	Billable Exchange Rate
BCRRM	cF31172BCRRM	Char	1	Billable Currency Mode
FESUNB	mnF31172FESUNB	Numeric	15	Foreign Estimated Billable Unit Rate
FEBILL	mnF31172FEBILL	Numeric	15	Foreign Estimated Billable Amount

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
FACUNB	mnF31172FACUNB	Numeric	15	Foreign Actual Billable Unit Rate
FTOTB	mnF31172FTOTB	Numeric	15	Foreign Actual Billable Amount
PCRCB	szF31172PCRCB	String	3	Payable Currency
PCRR	mnF31172PCRR	Numeric	15	Payable Exchange Rate
PCRRM	cF31172PCRRM	Char	1	Payable Currency Mode
FESUNP	mnF31172FESUNP	Numeric	15	Foreign Estimated Payable Unit Rate
FEPAAP	mnF31172FEPAAP	Numeric	15	Foreign Estimated Payable Amount
FACUNP	mnF31172FACUNP	Numeric	15	Foreign Actual Payable Unit Rate
FPAAP	mnF31172FPAAP	Numeric	15	Foreign Actual Payable Amount
DTSUB	jdF31172DTSUB	Date	6	Date Submitted
TMSUB	mnF31172TMSUB	Numeric	6	Time Submitted
CSLPRT	mnF31172CSLPRT	Numeric	8	Casual Part
INVREQ	cF31172INVREQ	Char	1	Invoice Required
INVREC	cF31172INVREC	Char	1	Invoice Received
VMRS32	szF31172VMRS32	String	8	Component Code - Assembly
MCUCSL	szF31172MCUCSL	String	12	Casual Part Business Unit
RLOT	szF31172RLOT	String	30	Supplier Lot Number
SRVEND	mnF31172SRVEND	Numeric	8	Supplier Recovery Vendor Number
UKIDP	mnF31172UKIDP	Numeric	15	Unique Key Pricing
FAILCD	szF31172FAILCD	String	8	Defect Code
VMRS31	szF31172VMRS31	String	2	Component Code - System
VMRS33	szF31172VMRS33	String	10	Component Code - Part
LSRCE	cF31172LSRCE	Char	1	Source for Labor Line

## Conceptual Approach

A parts record added, modified or deleted in the JD Edwards EnterpriseOne system creates, modifies, or deletes a record in the Work Order Routing table (F3112) and the Routing Instructions - Extension table (F31172).

## Objects that Can Initiate the Event

The B3101250 - Work Order Routing Master Business Function can initiate the RTLBRHDR event.

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## Supplier

This section discusses the realtime event generated by changes to supplier records.

### RTSMOUT

RTSMOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems of supplier additions, changes, or deletions.

<b>Event Name</b>	<i>RTSMOUT</i>
<b>Event Description</b>	<i>Supplier</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i>
	Contains these events:
	• RTSMHDR (D0100083A)
	• RTSMPHOUT (D0100083B)
	• RTSMEAOUT (D0100083C)
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the appropriate realtime events for more information about the fields, conceptual approach, and processes that can initiate this event.

### Special Setup

RTSMOUT has some additional special setup requirements due to the logic in the realtime wrapper.

The processing options for version ZJDE0001 of the Supplier Master Real Time Event Wrapper application program (P0100083) determine which phone and email records are sent when records are changed. The purpose of these processing options is to enable filtering of the outbound event, RTSMOUT.

This table explains the processing options:

<b>Configure Contact Information</b>	Enter a code to specify how you want to send contact information. Values are: <i>0</i> , blank, or null: The system sends only primary contact information for an address book record as single fields. It sends the first telephone number, fax number, and email address of an address book record that matches the type specified in the other processing options. <i>1</i> : Regardless of the types specified in the other processing options, the system sends the complete collection of contact information, including primary contact information, for an address book record in one group. <i>2</i> : The system sends primary contact information in single fields, and the complete collection of contact information in a group. This value is a combination of values <i>0</i> and <i>1</i> .
<b>Phone Number Type</b>	Indicate either the location or use of a telephone number. Values are defined in UDC table 01/PH (Phone Type). For WSG, the code determines which telephone record type the system uses.
<b>Fax Number Type</b>	Specify the phone type for the telephone number to use for faxes. Values are defined in UDC table 01/PH (Phone Type). This processing option also applies to WSG.
<b>Electronic Address Type</b>	Specify the electronic address type that the system uses for an individual or an entity for internet communications. Values are defined in UDC table 01/ET (Electronic Address Type) This processing option also applies to WSG.

## RTSMHDR

RTSMHDR is used by the JD Edwards EnterpriseOne system to inform third-party systems of supplier additions, changes, or deletions.

<b>Event Name</b>	<i>RTSMHDR</i>
<b>Event Description</b>	<i>Supplier Header</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100083A</i> : Supplier Master Real Time Record
<b>Event Relationship</b>	Included in container event RTSMOUT.

### Event Fields

The RTSMHDR event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
ACTN	cActionCode	Char	1	Action Code
AN8	mnAddressNumber	Numeric	8	Address Number
AT1	szAddressType1	String	3	Search Type
MCU	szBusinessUnit_MCU	String	12	Business Unit
ALPH	szNameAlpha	String	40	Name - Alpha
PA8	mnAddressNumberParent	Numeric	8	Address Number - Parent
MLNM	szMailingName	String	40	Name - Mailing
ADD1	szAddressLine1	String	40	Address Line 1
ADD2	szAddressLine2	String	40	Address Line 2
ADD3	szAddressLine3	String	40	Address Line 3
ADD4	szAddressLine4	String	40	Address Line 4
CTY1	szCity	String	25	City
COUN	szCounty	String	25	County
ADDS	szState	String	3	State
ADDZ	szZipCodePostal	String	12	Postal Code
CTR	szCountry	String	3	Country
CRRP	szCurrencyCode_CRRP	String	3	Currency Code - Accounts Payable
TRAP	szPaymentTermsAP	String	3	Payment Terms - A/P
PYIN	cPaymentInstrument	Char	1	Payment Instrument
AN85	mnPayee	Numeric	8	Factor/Special Payee
TXA2	szTaxArea2	String	10	Tax Rate/Area 2
EXR2	szTaxExplanationCode	String	2	Tax Expl Code 2
TAX	szTaxId	String	20	Tax ID
PRP5	szLandedCostRule	String	3	Purchasing Category Code 5
ANCR	mnCarrier	Numeric	8	Carrier Number
FRTH	szFreightHandlingCode	String	3	Freight Handling Code

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
MCU	szBusinessUnit_MCUP	String	12	Business Unit
OBJ	szObjectAccount	String	6	Object Account
SUB	szSubsidiary	String	8	Subsidiary
PH1	szPhoneNumber	String	20	Phone Number
PH1	szFaxNumber	String	20	Phone Number
EMAL	szEmailAddressow	String	256	Electronic Address
PID	szProgramId	String	10	Program ID

### Conceptual Approach

A supplier record added, modified, or deleted in the JD Edwards EnterpriseOne system creates a new record in a number of tables, such as Supplier Master (F0401) and Address Book Master (F0101). A realtime notification event is triggered in the Supplier Master or Address Book Master Business Function after data is modified in any supplier table.

### Objects that Can Initiate the Event

These objects can initiate the RTSMHDR event:

- N0100041 - Address Book master business function
- N0100043 - Supplier Master master business function
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100083 - Supplier Master Real Time event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

### RTSMPHOUT

RTSMPHOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems of supplier phone number changes.

<b>Event Name</b>	<i>RTSMPHOUT</i>
<b>Event Description</b>	<i>Supplier Phones</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>

<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100083B: Supplier Phones Records</i>
<b>Event Relationship</b>	Included in container event RTSMPHOUT.

### Event Fields

The RTSMPHOUT event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
PHTP	szPhoneNumberType	String	4	Phone Number Type
PH1	szPhoneNumber	String	20	Phone Number
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	8	Who's Who Line Number - ID
AR1	szPhoneAreaCode1	String	6	Phone Prefix
RCK7	mnSequenceNumber	Numeric	8	Line Number ID - 5.0
CNLN	mnContactPersonID	Numeric	5	Related Person - ID

### Conceptual Approach

A phone number is changed for a supplier. This change is sent out using realtime events. A given supplier may have an infinite number of phone numbers.

### Objects that Can Initiate the Event

These objects can initiate the RTSMPHOUT event:

- N0100041 - Address Book master business function
- N0100043 - Supplier Master master business function
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application
- B0100073 - Electronic Address - Phones business function
- B0100083 - Supplier Master Real Time event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

## RTSMEAOUT

RTSMEAOUT is used by the JD Edwards EnterpriseOne system to inform third-party systems of supplier email address changes.

<b>Event Name</b>	<i>RTSMEAOUT</i>
<b>Event Description</b>	<i>Supplier Email</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>01</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D0100083C: Supplier Electronic Address</i>
<b>Event Relationship</b>	Included in container event RTSMOUT.

### Event Fields

The RTSMEAOUT event contains these fields:

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
AN8	mnAddressNumber	Numeric	8	Address Number
IDLN	mnLineNumberID	Numeric	8	Who's Who Line Number - ID
ETP	szElectronicAddressType	String	4	Electronic Address Type
EMAL	szEmailAddressow	String	256	Electronic Address
RCK7	mnSequenceNumber70	Numeric	8	Line Number ID - 5.0

### Conceptual Approach

An email address is added or changed for a supplier. This change is sent out using realtime events. A given supplier may have an infinite number of email addresses.

### Objects that Can Initiate the Event

These objects can initiate the RTSMEAOUT event:

- N0100041 - Address Book MBF
- N0100043 - Supplier Master MBF
- P0111 - Whos Who application
- P0115 - Phones application
- P01111 - Contact Information E-mail application

- B0100073 - Electronic Address - Phones business function
- B0100083 - Supplier Master realtime event notification function
- B0100089 - Electronic Address MBF
- B0100090 - Phones MBF

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## User Profile

This section discusses the realtime event generated by changes to user profile records.

### RTUPOUT

RTUPOUT is a realtime event notification used by JD Edwards EnterpriseOne to notify external systems of changes to user profile records (F0092 and F00921).

<b>Event Name</b>	<i>RTUPOUT</i>
<b>Event Description</b>	<i>User Preference Real Time Evt</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>CONTAINER</i> Contains the RTUPOUTB (D9500927B) event.
<b>Product Code</b>	<i>H95</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>

Please see the associated single event for a list of event fields.

### Conceptual Approach

When a user adds, modifies, or deletes user profile data from the JD Edwards EnterpriseOne system, the system publishes an event to the WSG system. The RTUPOUT event is a container event activated within the applications used to manage user profile information and contains all columns from the modified user profile records (either F0092 or F00921) and an action code specifying what action was performed on the data (added, changed, deleted). Whenever data from one of the tables handled by the container event (F0092 and F00921) the corresponding record from the other table is automatically fetched and included in the container.

### Objects that Can Initiate the Event

These objects can initiate the RTUPOUT event:

- B9500926 - Retrieve Web User Information
- P0092 - User Profile Revisions
- P0092SS - User Profile Revisions Self Service
- P9015 - Copy JD Edwards EnterpriseOne User for Solution Explorer

- R0092 - Populate User Profiles
- R99ABUSER - Address Book - User Profile Report
- B9500927 - User Preference RTE Notify

## RTUPOUTB

RTUPOUTB is a realtime event notification used by the RTUPOUT container event to notify external systems of changes to user profile records (F0092 and F00921).

<b>Event Name</b>	<i>RTUPOUTB</i>
<b>Event Description</b>	<i>User Preference Real Time Evt</i>
<b>Event Type</b>	<i>RTE</i>
<b>Event Category</b>	<i>SINGLE</i>
<b>Product Code</b>	<i>H95</i>
<b>Reliable Delivery</b>	<i>1</i>
<b>Delivery Timeout Threshold</b>	<i>0</i>
<b>Data Structure</b>	<i>D9500927B: User Preference RTE Notify</i>
<b>Relationship</b>	Included in container event RTUPOUT.

### Event Fields

The RTUPOUTB event contains these fields:

Data Item / Alias	Structure Member Name	Data Type	Size	Description
ACTN	cActionCode	Char	1	Action Code
USER	szUserId	String	8	User ID
MNI	szMenuIdentification	String	2	Menu Identification
OUTQ	szOutputQueue	String	5	Output Queue
JOBQ	szJobQueueBatch	String	5	Batch Job Queue
JSP	cJobSchedulingPriority	Char	1	Job Scheduling Priority
OUTP	cOutputPriority	Char	1	Output Priority
LLVL	cLoggingLevel	Char	1	Logging Level
LSEV	szLoggingSeverity	String	2	Logging Severity
LMSG	szLoggingMessages	String	7	Logging Messages

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
PRTL	szLibraryPrintFile	String	10	Library - Print File
UL01	szTimeZone	String	10	Time Zone
UL02	szTimeFormat	String	10	Time Format
UL03	szUserLibraryList3	String	10	User Library List3
UL04	szUserLibraryList4	String	10	User Library List4
UL05	szUserLibraryList5	String	10	User Library List5
UL06	szUserLibraryList6	String	10	User Library List6
UL07	szUserLibraryList7	String	10	User Library List7
UL08	szUserLibraryList8	String	10	User Library List8
UL09	szUserLibraryList9	String	10	User Library List9
UL10	szUserLibraryList10	String	10	User Library List10
UL11	szUserLibraryList11	String	10	User Library List11
UL12	szUserLibraryList12	String	10	User Library List12
UL13	szUserLibraryList13	String	10	User Library List13
UL14	szUserLibraryList14	String	10	User Library List14
UL15	szUserLibraryList15	String	10	User Library List15
UL16	szUserLibraryList16	String	10	User Library List16
UL17	szUserLibraryList17	String	10	User Library List17
UL18	szUserLibraryList18	String	10	User Library List18
UL19	szUserLibraryList19	String	10	User Library List19
UL20	szUserLibraryList20	String	10	User Library List20
UL21	szUserLibraryList21	String	10	User Library List21
UL22	szUserLibraryList22	String	10	User Library List22
UL23	szUserLibraryList23	String	10	User Library List23
UL24	szUserLibraryList24	String	10	User Library List24
UL25	szUserLibraryList25	String	10	User Library List25

<b>Data Item / Alias</b>	<b>Structure Member Name</b>	<b>Data Type</b>	<b>Size</b>	<b>Description</b>
MSKA	cAuthorizationMask	Char	1	Authorization Mask
MSKJ	cJobMask	Char	1	Job Mask
MSKK	cKnowledgeMask	Char	1	Knowledge Mask
MSKD	szDepartmentMask	String	2	Department Mask
MSKF	cFutureUseMask	Char	1	Future Use Mask
AN8	mnAddressNumber	Number	8	Address Number
UTYP	szUserType	String	10	User Type
PID	szProgramId	String	10	Program ID
MTVL	cMenuTravel	Char	1	Menu Travel Flag
CMDE	cCommandEntry	Char	1	Command Entry Flag
CLIB	szCurrentLibrary	String	10	Current Library
UGRP	szUser_Role	String	10	User / Role
IPGM	szInitialProgram	String	10	Initial Program
LOD	cLevelOfMenu	Char	1	Level of Display
FSTP	cFastPath	Char	1	Fast Path Security Flag
LNGP	szLanguagePreference	String	2	Language
CO	szCompany	String	5	Company
FRMT	szDateformat	String	3	Date Format
DSEP	cDateSeparator	Char	1	Date Separator Character
DECF	cDecimalFormat	Char	1	Decimal Format Character
VRSP	szVersionPrefix	String	6	Version Prefix
CUR	cCurrencySymbol	Char	1	Currency Symbol
CTR	szCountry	String	3	Country
UTCTIME	szUniversalTime	String	2	Universal Time
TIMEFORM	szTimeFormat_2	String	2	Time Format
OMWLOG	cOMWLogging	Char	1	OMW Logging

Data Item / Alias	Structure Member Name	Data Type	Size	Description
RIGHTLEFT	cRightToLeft	Char	1	Right to Left
FUTTIME	cFutureUseField	Char	1	Future Use Field
FUTTIME1	cFutureUseField1	Char	1	Future Use Field 1
FUTTIME2	cFutureUseField2	Char	1	Future Use Field 2
FUTTIME3	szFutureUseField3	String	10	Future Use Field 3
FUTTIME4	szFutureUseField4	String	10	Future Use Field 4
FUTTIME5	szFutureUseField5	String	30	Future Use Field 5
FUTTIME6	szFutureUseField6	String	30	Future Use Field 6
FUTTIME7	mnFutureUseField7	Number	10	Future Use Field 7
FUTTIME8	mnFutureUseField8	Number	10	Future Use Field 8
MUSE	szUserID	String	10	User ID
PID	szProgramId_2	String	10	Program ID
JOBN	szWorkStationId	String	10	Work Station ID
UPMJ	jdDateUpdated	Date	6	Date - Updated
UPMT	mnTimeLastUpdated	Number	6	Time - Last Updated

## Conceptual Approach

When a user adds, modifies, or deletes user profile data from the JD Edwards EnterpriseOne system, the system publishes the RTUPOUT event, which contains the RTUPOUTB event.

## Objects that Can Initiate the Event

These objects can initiate the RTUPOUTB event:

- B9500926 - Retrieve Web User Information
- P0092 - User Profile Revisions
- P0092SS - User Profile Revisions Self Service
- P9015 - Copy JD Edwards EnterpriseOne User for Solution Explorer
- R0092 - Populate User Profiles
- R99ABUSER - Address Book - User Profile Report
- B9500927 - User Preference RTE Notify

# Glossary of JD Edwards EnterpriseOne Terms

<b>activity</b>	A scheduling entity in JD Edwards EnterpriseOne tools that represents a designated amount of time on a calendar.
<b>activity rule</b>	The criteria by which an object progresses from one given point to the next in a flow.
<b>add mode</b>	A condition of a form that enables users to input data.
<b>Advanced Planning Agent (APAg)</b>	A JD Edwards EnterpriseOne tool that can be used to extract, transform, and load enterprise data. APAg supports access to data sources in the form of relational databases, flat file format, and other data or message encoding, such as XML.
<b>application server</b>	A server in a local area network that contains applications shared by network clients.
<b>as if processing</b>	A process that enables you to view currency amounts as if they were entered in a currency different from the domestic and foreign currency of the transaction.
<b>alternate currency</b>	<p>A currency that is different from the domestic currency (when dealing with a domestic-only transaction) or the domestic and foreign currency of a transaction.</p> <p>In JD Edwards EnterpriseOne Financial Management, alternate currency processing enables you to enter receipts and payments in a currency other than the one in which they were issued.</p>
<b>as of processing</b>	A process that is run as of a specific point in time to summarize transactions up to that date. For example, you can run various JD Edwards EnterpriseOne reports as of a specific date to determine balances and amounts of accounts, units, and so on as of that date.
<b>back-to-back process</b>	A process in JD Edwards EnterpriseOne Supply Management that contains the same keys that are used in another process.
<b>batch processing</b>	<p>A process of transferring records from a third-party system to JD Edwards EnterpriseOne.</p> <p>In JD Edwards EnterpriseOne Financial Management, batch processing enables you to transfer invoices and vouchers that are entered in a system other than JD Edwards EnterpriseOne to JD Edwards EnterpriseOne Accounts Receivable and JD Edwards EnterpriseOne Accounts Payable, respectively. In addition, you can transfer address book information, including customer and supplier records, to JD Edwards EnterpriseOne.</p>
<b>batch server</b>	A server that is designated for running batch processing requests. A batch server typically does not contain a database nor does it run interactive applications.
<b>batch-of-one immediate</b>	<p>A transaction method that enables a client application to perform work on a client workstation, then submit the work all at once to a server application for further processing. As a batch process is running on the server, the client application can continue performing other tasks.</p> <p>See also direct connect and store-and-forward.</p>
<b>business function</b>	A named set of user-created, reusable business rules and logs that can be called through event rules. Business functions can run a transaction or a subset of a transaction (check inventory, issue work orders, and so on). Business functions also contain the application programming interfaces (APIs) that enable them to be called from a form, a database trigger, or a non-JD Edwards EnterpriseOne application. Business functions can be combined with other business functions, forms, event rules,

and other components to make up an application. Business functions can be created through event rules or third-generation languages, such as C. Examples of business functions include Credit Check and Item Availability.

<b>business function event rule</b>	See named event rule (NER).
<b>business view</b>	A means for selecting specific columns from one or more JD Edwards EnterpriseOne application tables whose data is used in an application or report. A business view does not select specific rows, nor does it contain any actual data. It is strictly a view through which you can manipulate data.
<b>central objects merge</b>	A process that blends a customer's modifications to the objects in a current release with objects in a new release.
<b>central server</b>	A server that has been designated to contain the originally installed version of the software (central objects) for deployment to client computers. In a typical JD Edwards EnterpriseOne installation, the software is loaded on to one machine—the central server. Then, copies of the software are pushed out or downloaded to various workstations attached to it. That way, if the software is altered or corrupted through its use on workstations, an original set of objects (central objects) is always available on the central server.
<b>charts</b>	Tables of information in JD Edwards EnterpriseOne that appear on forms in the software.
<b>connector</b>	Component-based interoperability model that enables third-party applications and JD Edwards EnterpriseOne to share logic and data. The JD Edwards EnterpriseOne connector architecture includes Java and COM connectors.
<b>contra/clearing account</b>	A general ledger account in JD Edwards EnterpriseOne Financial Management that is used by the system to offset (balance) journal entries. For example, you can use a contra/clearing account to balance the entries created by allocations in JD Edwards EnterpriseOne Financial Management.
<b>Control Table Workbench</b>	An application that, during the Installation Workbench processing, runs the batch applications for the planned merges that update the data dictionary, user-defined codes, menus, and user override tables.
<b>control tables merge</b>	A process that blends a customer's modifications to the control tables with the data that accompanies a new release.
<b>cost assignment</b>	The process in JD Edwards EnterpriseOne Advanced Cost Accounting of tracing or allocating resources to activities or cost objects.
<b>cost component</b>	In JD Edwards EnterpriseOne Manufacturing, an element of an item's cost (for example, material, labor, or overhead).
<b>cross segment edit</b>	A logic statement that establishes the relationship between configured item segments. Cross segment edits are used to prevent ordering of configurations that cannot be produced.
<b>currency restatement</b>	The process of converting amounts from one currency into another currency, generally for reporting purposes. You can use the currency restatement process, for example, when many currencies must be restated into a single currency for consolidated reporting.
<b>database server</b>	A server in a local area network that maintains a database and performs searches for client computers.
<b>Data Source Workbench</b>	An application that, during the Installation Workbench process, copies all data sources that are defined in the installation plan from the Data Source Master and Table and Data Source Sizing tables in the Planner data source to the system-release number data source. It also updates the Data Source Plan detail record to reflect completion.

<b>date pattern</b>	A calendar that represents the beginning date for the fiscal year and the ending date for each period in that year in standard and 52-period accounting.
<b>denominated-in currency</b>	The company currency in which financial reports are based.
<b>deployment server</b>	A server that is used to install, maintain, and distribute software to one or more enterprise servers and client workstations.
<b>detail information</b>	Information that relates to individual lines in JD Edwards EnterpriseOne transactions (for example, voucher pay items and sales order detail lines).
<b>direct connect</b>	A transaction method in which a client application communicates interactively and directly with a server application.  See also batch-of-one immediate and store-and-forward.
<b>Do Not Translate (DNT)</b>	A type of data source that must exist on the iSeries because of BLOB restrictions.
<b>dual pricing</b>	The process of providing prices for goods and services in two currencies.
<b>edit code</b>	A code that indicates how a specific value for a report or a form should appear or be formatted. The default edit codes that pertain to reporting require particular attention because they account for a substantial amount of information.
<b>edit mode</b>	A condition of a form that enables users to change data.
<b>edit rule</b>	A method used for formatting and validating user entries against a predefined rule or set of rules.
<b>Electronic Data Interchange (EDI)</b>	An interoperability model that enables paperless computer-to-computer exchange of business transactions between JD Edwards EnterpriseOne and third-party systems. Companies that use EDI must have translator software to convert data from the EDI standard format to the formats of their computer systems.
<b>embedded event rule</b>	An event rule that is specific to a particular table or application. Examples include form-to-form calls, hiding a field based on a processing option value, and calling a business function. Contrast with the business function event rule.
<b>Employee Work Center</b>	A central location for sending and receiving all JD Edwards EnterpriseOne messages (system and user generated), regardless of the originating application or user. Each user has a mailbox that contains workflow and other messages, including Active Messages.
<b>enterprise server</b>	A server that contains the database and the logic for JD Edwards EnterpriseOne.
<b>EnterpriseOne object</b>	A reusable piece of code that is used to build applications. Object types include tables, forms, business functions, data dictionary items, batch processes, business views, event rules, versions, data structures, and media objects.
<b>EnterpriseOne process</b>	A software process that enables JD Edwards EnterpriseOne clients and servers to handle processing requests and run transactions. A client runs one process, and servers can have multiple instances of a process. JD Edwards EnterpriseOne processes can also be dedicated to specific tasks (for example, workflow messages and data replication) to ensure that critical processes don't have to wait if the server is particularly busy.
<b>Environment Workbench</b>	An application that, during the Installation Workbench process, copies the environment information and Object Configuration Manager tables for each environment from the Planner data source to the system-release number data source. It also updates the Environment Plan detail record to reflect completion.
<b>escalation monitor</b>	A batch process that monitors pending requests or activities and restarts or forwards them to the next step or user after they have been inactive for a specified amount of time.

<b>event rule</b>	A logic statement that instructs the system to perform one or more operations based on an activity that can occur in a specific application, such as entering a form or exiting a field.
<b>facility</b>	An entity within a business for which you want to track costs. For example, a facility might be a warehouse location, job, project, work center, or branch/plant. A facility is sometimes referred to as a “business unit.”
<b>fast path</b>	A command prompt that enables the user to move quickly among menus and applications by using specific commands.
<b>file server</b>	A server that stores files to be accessed by other computers on the network. Unlike a disk server, which appears to the user as a remote disk drive, a file server is a sophisticated device that not only stores files, but also manages them and maintains order as network users request files and make changes to these files.
<b>final mode</b>	The report processing mode of a processing mode of a program that updates or creates data records.
<b>FTP server</b>	A server that responds to requests for files via file transfer protocol.
<b>header information</b>	Information at the beginning of a table or form. Header information is used to identify or provide control information for the group of records that follows.
<b>interface table</b>	See Z table.
<b>integration server</b>	A server that facilitates interaction between diverse operating systems and applications across internal and external networked computer systems.
<b>integrity test</b>	A process used to supplement a company’s internal balancing procedures by locating and reporting balancing problems and data inconsistencies.
<b>interoperability model</b>	A method for third-party systems to connect to or access JD Edwards EnterpriseOne.
<b>in-your-face-error</b>	In JD Edwards EnterpriseOne, a form-level property which, when enabled, causes the text of application errors to appear on the form.
<b>IServer service</b>	This internet server service resides on the web server and is used to speed up delivery of the Java class files from the database to the client.
<b>jargon</b>	An alternative data dictionary item description that JD Edwards EnterpriseOne appears based on the product code of the current object.
<b>Java application server</b>	A component-based server that resides in the middle-tier of a server-centric architecture. This server provides middleware services for security and state maintenance, along with data access and persistence.
<b>JDBNET</b>	A database driver that enables heterogeneous servers to access each other’s data.
<b>JDEBASE Database Middleware</b>	A JD Edwards EnterpriseOne proprietary database middleware package that provides platform-independent APIs, along with client-to-server access.
<b>JDECallObject</b>	An API used by business functions to invoke other business functions.
<b>jde.ini</b>	A JD Edwards EnterpriseOne file (or member for iSeries) that provides the runtime settings required for JD Edwards EnterpriseOne initialization. Specific versions of the file or member must reside on every machine running JD Edwards EnterpriseOne. This includes workstations and servers.
<b>JDEIPC</b>	Communications programming tools used by server code to regulate access to the same data in multiprocess environments, communicate and coordinate between processes, and create new processes.

<b>jde.log</b>	The main diagnostic log file of JD Edwards EnterpriseOne. This file is always located in the root directory on the primary drive and contains status and error messages from the startup and operation of JD Edwards EnterpriseOne.
<b>JDENET</b>	A JD Edwards EnterpriseOne proprietary communications middleware package. This package is a peer-to-peer, message-based, socket-based, multiprocess communications middleware solution. It handles client-to-server and server-to-server communications for all JD Edwards EnterpriseOne supported platforms.
<b>Location Workbench</b>	An application that, during the Installation Workbench process, copies all locations that are defined in the installation plan from the Location Master table in the Planner data source to the system data source.
<b>logic server</b>	A server in a distributed network that provides the business logic for an application program. In a typical configuration, pristine objects are replicated on to the logic server from the central server. The logic server, in conjunction with workstations, actually performs the processing required when JD Edwards EnterpriseOne software runs.
<b>MailMerge Workbench</b>	An application that merges Microsoft Word 6.0 (or higher) word-processing documents with JD Edwards EnterpriseOne records to automatically print business documents. You can use MailMerge Workbench to print documents, such as form letters about verification of employment.
<b>master business function (MBF)</b>	An interactive master file that serves as a central location for adding, changing, and updating information in a database. Master business functions pass information between data entry forms and the appropriate tables. These master functions provide a common set of functions that contain all of the necessary default and editing rules for related programs. MBFs contain logic that ensures the integrity of adding, updating, and deleting information from databases.
<b>master table</b>	See published table.
<b>matching document</b>	A document associated with an original document to complete or change a transaction. For example, in JD Edwards EnterpriseOne Financial Management, a receipt is the matching document of an invoice, and a payment is the matching document of a voucher.
<b>media storage object</b>	Files that use one of the following naming conventions that are not organized into table format: Gxxx, xxxGT, or GTxxx.
<b>message center</b>	A central location for sending and receiving all JD Edwards EnterpriseOne messages (system and user generated), regardless of the originating application or user.
<b>messaging adapter</b>	An interoperability model that enables third-party systems to connect to JD Edwards EnterpriseOne to exchange information through the use of messaging queues.
<b>messaging server</b>	A server that handles messages that are sent for use by other programs using a messaging API. Messaging servers typically employ a middleware program to perform their functions.
<b>named event rule (NER)</b>	Encapsulated, reusable business logic created using event rules, rather than C programming. NERs are also called business function event rules. NERs can be reused in multiple places by multiple programs. This modularity lends itself to streamlining, reusability of code, and less work.
<b><i>nota fiscal</i></b>	In Brazil, a legal document that must accompany all commercial transactions for tax purposes and that must contain information required by tax regulations.
<b><i>nota fiscal factura</i></b>	In Brazil, a nota fiscal with invoice information. See also <i>nota fiscal</i> .

<b>Object Configuration Manager (OCM)</b>	In JD Edwards EnterpriseOne, the object request broker and control center for the runtime environment. OCM keeps track of the runtime locations for business functions, data, and batch applications. When one of these objects is called, OCM directs access to it using defaults and overrides for a given environment and user.
<b>Object Librarian</b>	A repository of all versions, applications, and business functions reusable in building applications. Object Librarian provides check-out and check-in capabilities for developers, and it controls the creation, modification, and use of JD Edwards EnterpriseOne objects. Object Librarian supports multiple environments (such as production and development) and enables objects to be easily moved from one environment to another.
<b>Object Librarian merge</b>	A process that blends any modifications to the Object Librarian in a previous release into the Object Librarian in a new release.
<b>Open Data Access (ODA)</b>	An interoperability model that enables you to use SQL statements to extract JD Edwards EnterpriseOne data for summarization and report generation.
<b>Output Stream Access (OSA)</b>	An interoperability model that enables you to set up an interface for JD Edwards EnterpriseOne to pass data to another software package, such as Microsoft Excel, for processing.
<b>package</b>	JD Edwards EnterpriseOne objects are installed to workstations in packages from the deployment server. A package can be compared to a bill of material or kit that indicates the necessary objects for that workstation and where on the deployment server the installation program can find them. It is point-in-time snapshot of the central objects on the deployment server.
<b>package build</b>	A software application that facilitates the deployment of software changes and new applications to existing users. Additionally, in JD Edwards EnterpriseOne, a package build can be a compiled version of the software. When you upgrade your version of the ERP software, for example, you are said to take a package build.  Consider the following context: “Also, do not transfer business functions into the production path code until you are ready to deploy, because a global build of business functions done during a package build will automatically include the new functions.” The process of creating a package build is often referred to, as it is in this example, simply as “a package build.”
<b>package location</b>	The directory structure location for the package and its set of replicated objects. This is usually <code>\\deployment server\release\path_code\package\package name</code> . The subdirectories under this path are where the replicated objects for the package are placed. This is also referred to as where the package is built or stored.
<b>Package Workbench</b>	An application that, during the Installation Workbench process, transfers the package information tables from the Planner data source to the system-release number data source. It also updates the Package Plan detail record to reflect completion.
<b>planning family</b>	A means of grouping end items whose similarity of design and manufacture facilitates being planned in aggregate.
<b>preference profile</b>	The ability to define default values for specified fields for a user-defined hierarchy of items, item groups, customers, and customer groups.
<b>print server</b>	The interface between a printer and a network that enables network clients to connect to the printer and send their print jobs to it. A print server can be a computer, separate hardware device, or even hardware that resides inside of the printer itself.
<b>pristine environment</b>	A JD Edwards EnterpriseOne environment used to test unaltered objects with JD Edwards EnterpriseOne demonstration data or for training classes. You must have this environment so that you can compare pristine objects that you modify.

<b>processing option</b>	A data structure that enables users to supply parameters that regulate the running of a batch program or report. For example, you can use processing options to specify default values for certain fields, to determine how information appears or is printed, to specify date ranges, to supply runtime values that regulate program execution, and so on.
<b>production environment</b>	A JD Edwards EnterpriseOne environment in which users operate EnterpriseOne software.
<b>production-grade file server</b>	A file server that has been quality assurance tested and commercialized and that is usually provided in conjunction with user support services.
<b>program temporary fix (PTF)</b>	A representation of changes to JD Edwards EnterpriseOne software that your organization receives on magnetic tapes or disks.
<b>project</b>	In JD Edwards EnterpriseOne, a virtual container for objects being developed in Object Management Workbench.
<b>promotion path</b>	<p>The designated path for advancing objects or projects in a workflow. The following is the normal promotion cycle (path):</p> <p>11&gt;21&gt;26&gt;28&gt;38&gt;01</p> <p>In this path, <i>11</i> equals new project pending review, <i>21</i> equals programming, <i>26</i> equals QA test/review, <i>28</i> equals QA test/review complete, <i>38</i> equals in production, <i>01</i> equals complete. During the normal project promotion cycle, developers check objects out of and into the development path code and then promote them to the prototype path code. The objects are then moved to the productions path code before declaring them complete.</p>
<b>proxy server</b>	A server that acts as a barrier between a workstation and the internet so that the enterprise can ensure security, administrative control, and caching service.
<b>published table</b>	Also called a master table, this is the central copy to be replicated to other machines. Residing on the publisher machine, the F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
<b>publisher</b>	The server that is responsible for the published table. The F98DRPUB table identifies all of the published tables and their associated publishers in the enterprise.
<b>pull replication</b>	One of the JD Edwards EnterpriseOne methods for replicating data to individual workstations. Such machines are set up as pull subscribers using JD Edwards EnterpriseOne data replication tools. The only time that pull subscribers are notified of changes, updates, and deletions is when they request such information. The request is in the form of a message that is sent, usually at startup, from the pull subscriber to the server machine that stores the F98DRPCN table.
<b>QBE</b>	An abbreviation for query by example. In JD Edwards EnterpriseOne, the QBE line is the top line on a detail area that is used for filtering data.
<b>real-time event</b>	A service that uses system calls to capture JD Edwards EnterpriseOne transactions as they occur and to provide notification to third-party software, end users, and other JD Edwards EnterpriseOne systems that have requested notification when certain transactions occur.
<b>refresh</b>	A function used to modify JD Edwards EnterpriseOne software, or subset of it, such as a table or business data, so that it functions at a new release or cumulative update level, such as B73.2 or B73.2.1.
<b>replication server</b>	A server that is responsible for replicating central objects to client machines.
<b>quote order</b>	In JD Edwards Procurement and Subcontract Management, a request from a supplier for item and price information from which you can create a purchase order.

	In JD Edwards Sales Order Management, item and price information for a customer who has not yet committed to a sales order.
<b>selection</b>	Found on JD Edwards EnterpriseOne menus, a selection represents functions that you can access from a menu. To make a selection, type the associated number in the Selection field and press Enter.
<b>Server Workbench</b>	An application that, during the Installation Workbench process, copies the server configuration files from the Planner data source to the system-release number data source. It also updates the Server Plan detail record to reflect completion.
<b>spot rate</b>	An exchange rate entered at the transaction level. This rate overrides the exchange rate that is set up between two currencies.
<b>Specification merge</b>	A merge that comprises three merges: Object Librarian merge, Versions List merge, and Central Objects merge. The merges blend customer modifications with data that accompanies a new release.
<b>specification</b>	A complete description of a JD Edwards EnterpriseOne object. Each object has its own specification, or name, which is used to build applications.
<b>Specification Table Merge Workbench</b>	An application that, during the Installation Workbench process, runs the batch applications that update the specification tables.
<b>store-and-forward</b>	The mode of processing that enables users who are disconnected from a server to enter transactions and then later connect to the server to upload those transactions.
<b>subscriber table</b>	Table F98DRSUB, which is stored on the publisher server with the F98DRPUB table and identifies all of the subscriber machines for each published table.
<b>supplemental data</b>	<p>Any type of information that is not maintained in a master file. Supplemental data is usually additional information about employees, applicants, requisitions, and jobs (such as an employee's job skills, degrees, or foreign languages spoken). You can track virtually any type of information that your organization needs.</p> <p>For example, in addition to the data in the standard master tables (the Address Book Master, Customer Master, and Supplier Master tables), you can maintain other kinds of data in separate, generic databases. These generic databases enable a standard approach to entering and maintaining supplemental data across JD Edwards EnterpriseOne systems.</p>
<b>table access management (TAM)</b>	The JD Edwards EnterpriseOne component that handles the storage and retrieval of use-defined data. TAM stores information, such as data dictionary definitions; application and report specifications; event rules; table definitions; business function input parameters and library information; and data structure definitions for running applications, reports, and business functions.
<b>Table Conversion Workbench</b>	An interoperability model that enables the exchange of information between JD Edwards EnterpriseOne and third-party systems using non-JD Edwards EnterpriseOne tables.
<b>table conversion</b>	An interoperability model that enables the exchange of information between JD Edwards EnterpriseOne and third-party systems using non-JD Edwards EnterpriseOne tables.
<b>table event rules</b>	Logic that is attached to database triggers that runs whenever the action specified by the trigger occurs against the table. Although JD Edwards EnterpriseOne enables event rules to be attached to application events, this functionality is application specific. Table event rules provide embedded logic at the table level.
<b>terminal server</b>	A server that enables terminals, microcomputers, and other devices to connect to a network or host computer or to devices attached to that particular computer.

<b>three-tier processing</b>	The task of entering, reviewing and approving, and posting batches of transactions in JD Edwards EnterpriseOne.
<b>three-way voucher match</b>	In JD Edwards Procurement and Subcontract Management, the process of comparing receipt information to supplier's invoices to create vouchers. In a three-way match, you use the receipt records to create vouchers.
<b>transaction processing (TP) monitor</b>	A monitor that controls data transfer between local and remote terminals and the applications that originated them. TP monitors also protect data integrity in the distributed environment and may include programs that validate data and format terminal screens.
<b>transaction set</b>	An electronic business transaction (electronic data interchange standard document) made up of segments.
<b>trigger</b>	One of several events specific to data dictionary items. You can attach logic to a data dictionary item that the system processes automatically when the event occurs.
<b>triggering event</b>	A specific workflow event that requires special action or has defined consequences or resulting actions.
<b>two-way voucher match</b>	In JD Edwards Procurement and Subcontract Management, the process of comparing purchase order detail lines to the suppliers' invoices to create vouchers. You do not record receipt information.
<b>User Overrides merge</b>	Adds new user override records into a customer's user override table.
<b>variance</b>	<p>In JD Edwards Capital Asset Management, the difference between revenue generated by a piece of equipment and costs incurred by the equipment.</p> <p>In JD Edwards EnterpriseOne Project Costing and JD Edwards EnterpriseOne Manufacturing, the difference between two methods of costing the same item (for example, the difference between the frozen standard cost and the current cost is an engineering variance). Frozen standard costs come from the Cost Components table, and the current costs are calculated using the current bill of material, routing, and overhead rates.</p>
<b>Version List merge</b>	The Versions List merge preserves any non-XJDE and non-ZJDE version specifications for objects that are valid in the new release, as well as their processing options data.
<b>visual assist</b>	Forms that can be invoked from a control via a trigger to assist the user in determining what data belongs in the control.
<b>vocabulary override</b>	An alternate description for a data dictionary item that appears on a specific JD Edwards EnterpriseOne form or report.
<b>wchar_t</b>	An internal type of a wide character. It is used for writing portable programs for international markets.
<b>web application server</b>	A web server that enables web applications to exchange data with the back-end systems and databases used in eBusiness transactions.
<b>web server</b>	A server that sends information as requested by a browser, using the TCP/IP set of protocols. A web server can do more than just coordination of requests from browsers; it can do anything a normal server can do, such as house applications or data. Any computer can be turned into a web server by installing server software and connecting the machine to the internet.
<b>Windows terminal server</b>	A multiuser server that enables terminals and minimally configured computers to display Windows applications even if they are not capable of running Windows software themselves. All client processing is performed centrally at the Windows

terminal server and only display, keystroke, and mouse commands are transmitted over the network to the client terminal device.

<b>workbench</b>	A program that enables users to access a group of related programs from a single entry point. Typically, the programs that you access from a workbench are used to complete a large business process. For example, you use the JD Edwards EnterpriseOne Payroll Cycle Workbench (P07210) to access all of the programs that the system uses to process payroll, print payments, create payroll reports, create journal entries, and update payroll history. Examples of JD Edwards EnterpriseOne workbenches include Service Management Workbench (P90CD020), Line Scheduling Workbench (P3153), Planning Workbench (P13700), Auditor's Workbench (P09E115), and Payroll Cycle Workbench.
<b>work day calendar</b>	In JD Edwards EnterpriseOne Manufacturing, a calendar that is used in planning functions that consecutively lists only working days so that component and work order scheduling can be done based on the actual number of work days available. A work day calendar is sometimes referred to as planning calendar, manufacturing calendar, or shop floor calendar.
<b>workflow</b>	The automation of a business process, in whole or in part, during which documents, information, or tasks are passed from one participant to another for action, according to a set of procedural rules.
<b>workgroup server</b>	A server that usually contains subsets of data replicated from a master network server. A workgroup server does not perform application or batch processing.
<b>XAPI events</b>	A service that uses system calls to capture JD Edwards EnterpriseOne transactions as they occur and then calls third-party software, end users, and other JD Edwards EnterpriseOne systems that have requested notification when the specified transactions occur to return a response.
<b>XML CallObject</b>	An interoperability capability that enables you to call business functions.
<b>XML Dispatch</b>	An interoperability capability that provides a single point of entry for all XML documents coming into JD Edwards EnterpriseOne for responses.
<b>XML List</b>	An interoperability capability that enables you to request and receive JD Edwards EnterpriseOne database information in chunks.
<b>XML Service</b>	An interoperability capability that enables you to request events from one JD Edwards EnterpriseOne system and receive a response from another JD Edwards EnterpriseOne system.
<b>XML Transaction</b>	An interoperability capability that enables you to use a predefined transaction type to send information to or request information from JD Edwards EnterpriseOne. XML transaction uses interface table functionality.
<b>XML Transaction Service (XTS)</b>	Transforms an XML document that is not in the JD Edwards EnterpriseOne format into an XML document that can be processed by JD Edwards EnterpriseOne. XTS then transforms the response back to the request originator XML format.
<b>Z event</b>	A service that uses interface table functionality to capture JD Edwards EnterpriseOne transactions and provide notification to third-party software, end users, and other JD Edwards EnterpriseOne systems that have requested to be notified when certain transactions occur.
<b>Z table</b>	A working table where non-JD Edwards EnterpriseOne information can be stored and then processed into JD Edwards EnterpriseOne. Z tables also can be used to retrieve JD Edwards EnterpriseOne data. Z tables are also known as interface tables.
<b>Z transaction</b>	Third-party data that is properly formatted in interface tables for updating to the JD Edwards EnterpriseOne database.

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