
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.

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.

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.

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.

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.

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.

See Also

Oracle's PeopleSoft Customer Connection, 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 peoplebookspress@mmapartner.com.

See Also

Oracle's PeopleSoft Customer Connection, http://www.oracle.com/support/support_peoplesoft.html

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 |

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 |
|--|---|
| Bold | 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.

Note. Example of a note.

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.

Important! Example of an important note.

Warnings

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

Warning! Example of a warning.

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.

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.

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

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.

| | |
|----------------------------|---|
| As If Currency Code | 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. |
| Batch Number | 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). |
| Batch Date | 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. |
| Batch Status | <p>Displays a code from user-defined code (UDC) table 98/IC that indicates the posting status of a batch. Values are:</p> <p><i>Blank:</i> Batch is unposted and pending approval.</p> <p><i>A:</i> The batch is approved for posting, has no errors and is in balance, but has not yet been posted.</p> <p><i>D:</i> The batch posted successfully.</p> <p><i>E:</i> The batch is in error. You must correct the batch before it can post.</p> <p><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>.</p> <p><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.</p> |
| Branch/Plant | 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. |
| Business Unit | 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. |
| Category Code | 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. |
| Company | 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. |
| Currency Code | 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. |
| Document Company | <p>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.</p> <p>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.</p> |

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

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

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.

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:

RTXXXXYY 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.

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

| | |
|---------------------------|--|
| Product Code | The system code. |
| Reliable Delivery | Values are: <i>I</i> or <i>Y</i> : Reliable <i>0</i> or <i>N</i> : Volatile |
| Timeout Threshold | 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. |
| Data Structure | The JD Edwards EnterpriseOne data structure that is used for the current single event. |
| Event Relationship | 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.

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.

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.”

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.

| Step | Reference |
|---|---|
| 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”

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.

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

| | |
|--------------------------------------|---|
| Configure Contact Information | <p>Enter a code to specify how you want to send contact information. Values are:</p> <p><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.</p> <p><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.</p> <p><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>.</p> |
| Phone Number Type | <p>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).</p> |
| Fax Number Type | <p>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.</p> |

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.

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

Event Fields

The RTABHDR event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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 |
| ATTLL | 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.

| | |
|-----------------------------------|---|
| Event Name | <i>RTABPHOUT</i> |
| Event Description | <i>AB Phone</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>01</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D0100085B: Address Book Master Phones Wrapper Data Structure</i> |
| Event Relationship | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|-----------------------|-----------|------|---------------------|
| 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.

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

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

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

Event Fields

The RTPCOUTDS event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|-------------------------------|------------------|-------------|-----------------------------|
| 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.

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

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

| | |
|-----------------------------------|------------|
| Product Code | <i>H42</i> |
| Reliable Delivery | blank |
| Delivery Timeout Threshold | <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.

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

Event Fields

The RTSHPHDR event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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.

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

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

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.

| | |
|-----------------------------------|--|
| Event Name | <i>RTBUOUT</i> |
| Event Description | <i>RTBUOUT</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>CONTAINER</i> |
| | Container event for: |
| | <ul style="list-style-type: none"> • RTBUOUTA (D0000600B) • RTBUOUTB (D4101700B) |
| Product Code | <i>H00</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <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 takes the appropriate action. If applicable, the third-party integration needs 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.

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

Event Fields

The RTBUOUTA 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 |
| AN8 | mnAddressNumber | Numeric | 8 | Address Number |
| AN8O | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------------|
| 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 | szGLObjectAcctLaborPrem | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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.

Event Name *RTBUOUTB*

Event Description *RTBUOUTB*

Event Type *RTE*

Event Category *SINGLE*

Product Code *H00*

Reliable Delivery *1*

Delivery Timeout Threshold *0*

Data Structure *D4101700B*: Business Unit Real Time Notification Outbound Data

Event Relationship 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| AN8 | mnAddressNumber | Numeric | 8 | Address Number |
| AN8O | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 |

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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 | cGIIInterfaceFlgPropEq | 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 |
| DFF | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| SMS | cSymblUseToDefinSeria | 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.

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

| | |
|--------------------------|------------------|
| Event Name | <i>RTCMHDR</i> |
| Event Description | <i>CM Header</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>01</i> |
| Reliable Delivery | <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:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|------------------------|-----------|------|------------------------------|
| 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 |
| CRC | 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.

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

Event Fields

The RTCMPHOUT event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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.

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

Event Fields

The RTCMEAOUT event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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 RTCMEAOOUT 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.

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

Event Fields

The RTCMCCOUT event contains these fields:

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

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------|
| 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

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*

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

| | |
|--------------------------|-------------------------------------|
| Event Name | <i>XAPIAUTHEN</i> |
| Event Description | <i>Authenticate User Credential</i> |
| Event Type | <i>XAPI</i> |
| Event Category | <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
Threshold** *0*

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 |
| COMMETHOD | cPunchOutCommMethd_COMMETHOD | 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.

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

| | |
|-------------------|-------------------|
| Event Name | <i>XAPIGETURL</i> |
|-------------------|-------------------|

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

Event Fields

The D43E0050B data structure contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------|
| 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.

| | |
|-------------------|-------------------|
| Event Name | <i>XAPIREQCRT</i> |
|-------------------|-------------------|

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

Event Fields

The D43E0080D 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 |
| 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).

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

Event Fields

The RTEMOUT 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 |

| 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).

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

Relationship Included in container event RTEMOUT.

Event Fields

The RTEMOUTB 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 |
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| EEOJ | szJobCategory | String | 3 | Job Category (EEO) |
| EEOM | szEthnicCode | String | 2 | Ethnic Code |
| TRS | szChangeReason | String | 3 | Change Reason |
| WCMP | szWorkersCompCode | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------|
| 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 |
| JOB | 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 | mnFullTimeEquivalents | Number | 9 | Full Time Equivalents |
| 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).

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

Event Fields

The RTEMOUTC 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 |
| 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).

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

Event Fields

The RTEMOUTD 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 |
| 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.

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

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

Event Fields

The RTPIOUTB 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 |
| 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.

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

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

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

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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) |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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) |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------|
| 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 |
| INSSTE | jdF1217INSSTE | 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

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.

| | |
|--------------------------|----------------|
| Event Name | <i>RTAMOUT</i> |
| Event Description | <i>RTAMOUT</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H09</i> |
| Reliable Delivery | <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:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|------------------------|-----------|------|--|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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 | cFixedddAssetPostingEditCode | 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:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|-----------------------|-----------|------|--------------------|
| 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 |
| JOBID | 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*

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

| | |
|--------------------------|------------------|
| Event Name | <i>RTRAHDR</i> |
| Event Description | <i>RA Header</i> |

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

Event Fields

The RTRAHDR event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------|
| 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.

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

Event Fields

The RTRADTL event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------------|
| 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.

| | |
|--------------------------|--|
| Event Name | <i>RTDAOUT</i> |
| Event Description | <i>RTDAOUT</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>CONTAINER</i> |
| | Container event for: RTDADTL (D03B0208B) |
| Product Code | <i>H03B</i> |
| Reliable Delivery | <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 | <i>RTDADTL</i> |
| Event Description | <i>RTDADTL</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H03B</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D03B0208B</i> : Deductions Activity Record |
| Event Relationship | Included in container event RTDAOUT. |

Event Fields

The RTDADTL event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|-----------------------|-----------|------|------------------------|
| 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 |
| CRCO | Currency Code | String | 3 | Currency Code |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 | <i>RTBJESOUT</i> |
| Event Description | <i>RTBJESOUT</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>00</i> |
| Reliable Delivery | Blank |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D0900210B</i> : 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 Note. 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 Note. 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 Note. 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).

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

Event Fields

The RTPOSTOUT event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|------------------------------|-----------|------|---|
| ACTN | cActionCode | Char | 1 | Action Code Note. 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 Note. 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 Note. 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.

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

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

| | |
|-----------------------------------|--|
| Product Code | <i>05</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D0500871B: Scales Real Time Event Notification B Structure (F05103)</i> |
| Relationship | 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 RTSLDTL. 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).

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

Event Fields

The RTSLDTL 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. 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.

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

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

| | |
|-----------------------------------|---|
| Product Code | 05 |
| Reliable Delivery | 1 |
| Delivery Timeout Threshold | 0 |
| Data Structure | D0500872B: Resource Competency Real Time Event Notification B Structure |
| Relationship | 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).

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

| | |
|-----------------------------------|-----------------------------------|
| Event Name | <i>RTCPOUTB</i> |
| Event Description | <i>Competency Real Time Event</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>05</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <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).

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

| | |
|-----------------------------------|---|
| Event Name | <i>RTJBOUTB</i> |
| Event Description | <i>Jobs Real Time Event</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>08</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------|
| 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*

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

| | |
|-----------------------------------|--|
| Event Name | <i>RTJDOUTB</i> |
| Event Description | <i>Job Description RTE</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>08</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D0800740B: Competency Based Job Desc RTE Notify</i> |
| Relationship | 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).

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

| | |
|--------------------------|----------------------------------|
| Event Name | <i>RTJBUOUTB</i> |
| Event Description | <i>Jobs in Business Unit RTE</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>08</i> |
| Reliable Delivery | <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_JOB_N | 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.

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

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

Event Fields

The RTIMOUTA event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------|
| 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 | szGICategory | 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 | szCycleCountCategory | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 |
| LOTG | 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.

| | |
|-----------------------------------|---|
| Event Name | <i>RTIBOUT</i> |
| Event Description | <i>ItemBalanceManageNotify</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>CONTAINER</i> Container event for RTIBHDR (D4101660A). |
| Product Code | <i>H41</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <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.

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

Event Fields

The RTIBHDR event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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.

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

| | |
|-----------------------------------|---|
| Event Name | <i>RTCOSTOUTA</i> |
| Event Description | <i>RTE COST</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H41</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D4102180B: Item Cost Real Time Wrapper</i> |
| Event Relationship | 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 nd Item Number |
| AITM | szIdentifier3rdItem | String | 25 | 3 rd 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.

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

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

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

Event Fields

The RTUOMDTL event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------|
| 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.

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.

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

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.

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

Event Fields

The RTWOOUT event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------|
| 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 |
| TYP5 | 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 Note. Use 1 if it is an SCP transaction. |
| EV01 | cAPSSupplyDemandFlag | Char | 1 | J.D. PeopleSoft Enterprise Event Point 01 Note. 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.

| | |
|--------------------------|-------------------------|
| Event Name | <i>OPBOMROUT</i> |
| Event Description | <i>Transaction BOMR</i> |
| Event Type | <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:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|------------------------------|------------------------------|----------------------|-------------|---|
| EV01 | cEventNotificationActionCode | Char | 1 | J.D. PeopleSoft Enterprise Event Point 01 Note. 1 = Add (Needed for OP Commit) 2 = Update/Change 3 = Delete |
| DOCO | mnOrderNumber | Numeric | 15 | Document (Order No, Invoice, etc.) Note. 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 Note. 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------------|
| 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 Note. 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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

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.

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

Container event for:

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

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

| | |
|-----------------------------------|------------|
| Product Code | <i>H43</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <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.

| | |
|-----------------------------------|---|
| Event Name | <i>RTPOHDR</i> |
| Event Description | <i>Purchase Order Header</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H43</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D4302470A: Purchase Order Header</i> |
| Event Relationship | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| ADD4 | szSupplierAddressLine4 | String | 40 | Address Line 4 |
| CTY1 | szSupplierCity | String | 25 | City |
| COUN | szSupplierCounty | String | 25 | County |
| ADD5 | 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 |
| ADD5 | szBillToState | String | 3 | State |
| ADDZ | szBillToPostalCode | String | 12 | Postal Code |
| CTR | szBillToCountry | String | 3 | Country |
| DEL1 | szDeliveryInstructLine1 | String | 30 | Delivery Instructions Line 1 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|--------------------------------|------------------|-------------|-----------------------------------|
| 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. |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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.

| | |
|--------------------------|------------------------------|
| Event Name | <i>RTPODTL</i> |
| Event Description | <i>Purchase Order Detail</i> |

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

Event Fields

The RTPODTL event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|--------------------------------|------------------|-------------|-------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------------|
| 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.

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

Event Fields

The RTPODIST 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) |
| DCTO | szOrderType | String | 2 | Order Type |
| SFXO | szOrderSuffix | String | 3 | Order Suffix |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------|
| 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 RTPPOUT event and is triggered whenever that event is triggered. The RTPPOHDR 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.

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

Event Fields

The RTRECOUT event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|-------------------------------|------------------|-------------|---|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------|
| 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.

| | |
|--------------------------|---------------------------------------|
| Event Name | <i>RTPOHLDOUT</i> |
| Event Description | <i>PO Hold Status Real Time Event</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <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.

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.

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

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

Reliable Delivery *1*

Delivery Timeout Threshold *0*

Data Structure *D4202330B: Invoice Header for Invoice Real Time Event DS*

Event Relationship 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------|
| 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 |
| CRCO | szCurrencyCode_CRCO | 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.

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

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

Event Fields

The RTINVOUT event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|-------------------------------|------------------|-------------|------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|-------------------------------|------------------|-------------|----------------------------------|
| 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 nd Item Number |
| AITM | szIdentifier3rdItem_AITM | String | 25 | 3 rd 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.

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

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

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| 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 - 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 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.

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

Event Fields

The RTSODTL 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) |
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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) |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|--------------------------|-----------|------|---|
| 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 | cAPSFlag | 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.

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

Container event for RTLPOUTDS (D4502700B).

| | |
|-----------------------------------|--|
| Product Code | <i>45</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <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.

| | |
|-----------------------------------|--|
| Event Name | <i>RTLPOUTDS</i> |
| Event Description | <i>List Price DS</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H45</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <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 |
| CRCO | 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.

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

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

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

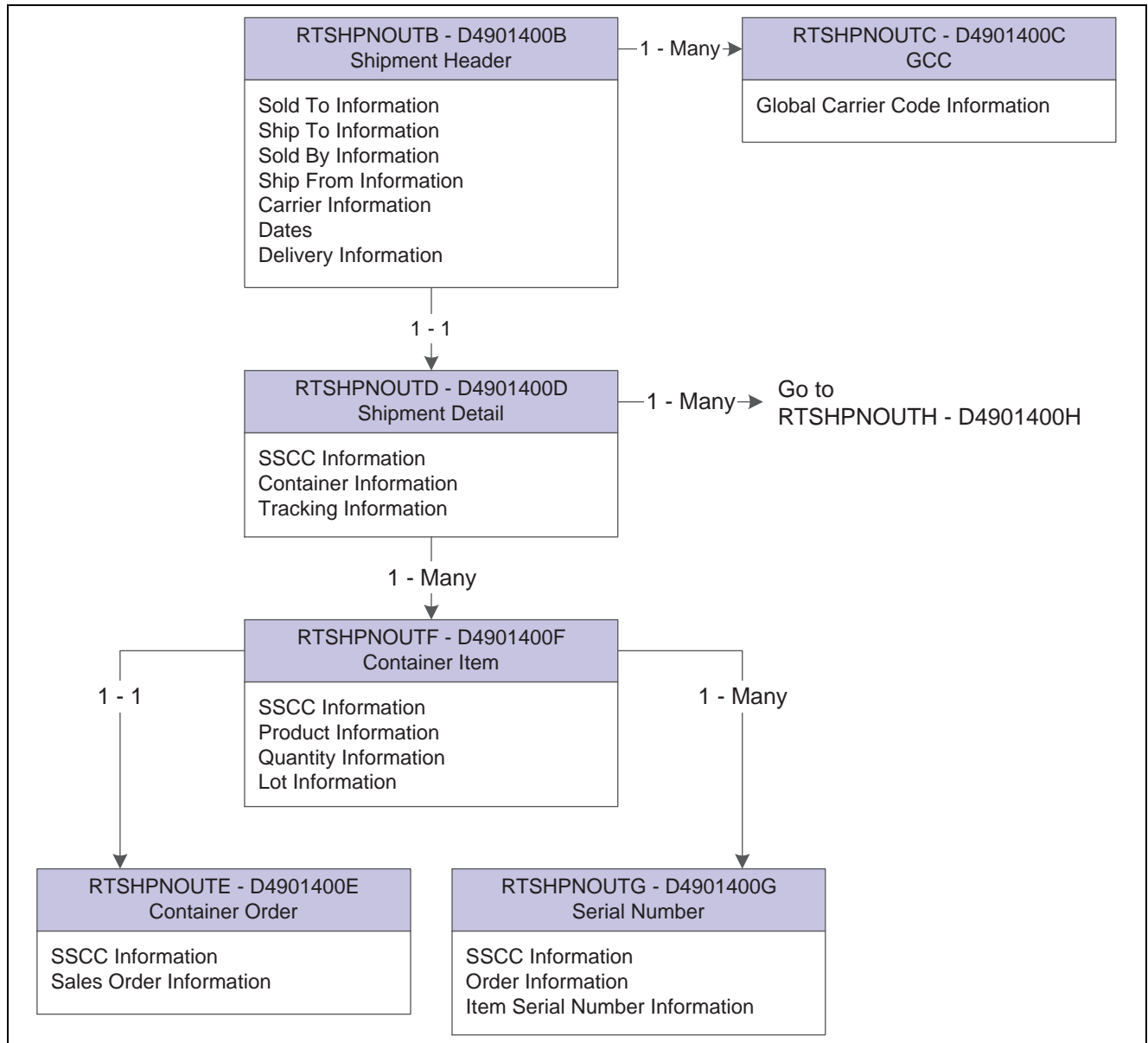
Please see the corresponding single events for lists of event fields.

Conceptual Approach

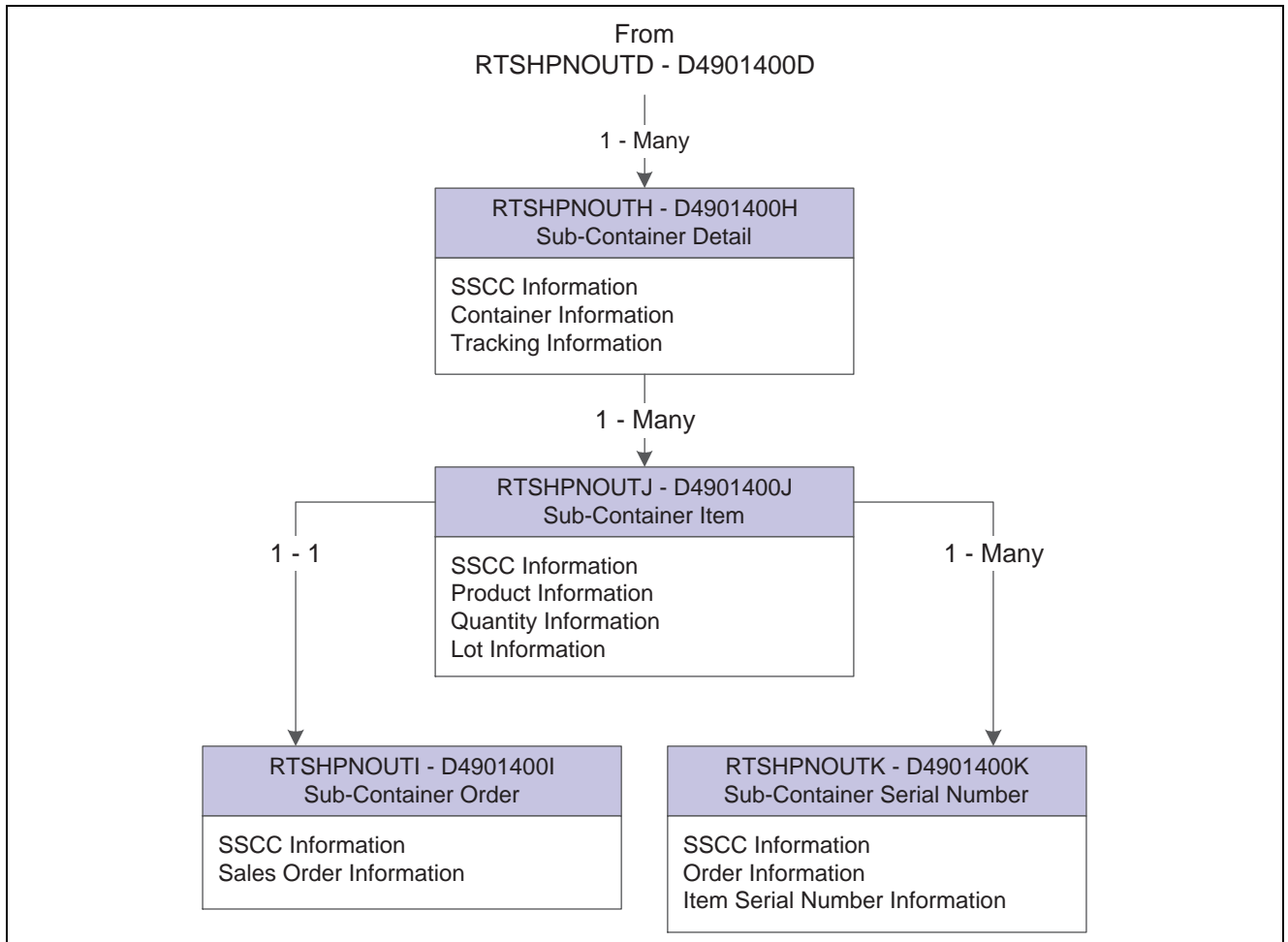
When a user confirms an outbound shipment within the JD Edwards EnterpriseOne system, the system triggers a notification for the WSG integration to publish. The RTSHPNOUT notification event contains eleven separate events:

- 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*

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

Event Fields for RTSHPNOUTA

The RTSHPNOUTA event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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..

| | |
|-----------------------------------|---|
| Event Name | <i>RTSHPNOUTB</i> |
| Event Description | <i>Shipment Notice Header</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>49</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D4901400B: Shipment Notice - Shipment Header</i> |
| Relationship | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------|
| 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 |
|-------------------|-----------------------|-----------|------|-----------------------|
| FIRTH | 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.

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

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

Product Code 49

Reliable Delivery 1

Delivery Timeout Threshold 0

Data Structure D4901400D: Shipment Notice - Shipment Detail

Relationship 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.

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

Event Fields for RTSHPNOUTE

The RTSHPNOUTE 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 | 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.

| | |
|--------------------------|-----------------------------|
| Event Name | <i>RTSHPNOUTF</i> |
| Event Description | <i>Shipment Notice Item</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <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.

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

Event Fields for RTSHPNOUTG

The RTSHPNOUTG 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 | 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.

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

Event Fields for RTSHPNOUTH

The RTSHPNOUTH 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 |
| 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.

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

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

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|----------------------------|-----------|------|------------------------------------|
| 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.

| | |
|-----------------------------------|---|
| Event Name | <i>RTSHPNOUTK</i> |
| Event Description | <i>Shipment Notice SubCont Serial</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>49</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D4901400K: Shipment Notice - SubContainer Item Serial Number</i> |
| Relationship | 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 Note. Auto Promise or Scenario Manager Mode |
| ALPH | szCustomerName | String | 30 | Name - Alpha Note. Ship To customer description |
| AN8 | szCustomerId | Numeric | 8 | Address Number Note. Ship To customer ID |
| GS3A | szCustomerGroup | String | 30 | Generic String × 30 Note. 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 Note. APS field, default 0 |
| MATH01 | mnPenaltyCostAdjustment | Numeric | 15 | Math Numeric 01 Note. APS field, hard code = 100 |
| GS3A | szOrderNumber | String | 30 | Generic String × 30 Note. 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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.

| | |
|--------------------------|------------------------|
| Event Name | <i>XAPIOPIN</i> |
| Event Description | <i>Order Promising</i> |
| Event Type | <i>XAPI</i> |
| Event Category | <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

| | |
|-----------------------------------|------------|
| Product Code | <i>H42</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <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 Note. 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 Note. 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.

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

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

| | |
|-----------------------------------|---|
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H13</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D1702960: Equipment Order Real Time Template</i> |
| Event Relationship | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------------|
| 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 |
| LNGP | szF4801TLNGP | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---|
| 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 | szF4801TIMEZONES | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------------|
| 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.

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

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

Event Fields

The RTPRHDR event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------------|
| 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.

RTLBROUT

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

| | |
|--------------------------|---------------------|
| Event Name | <i>RTLBROUT</i> |
| Event Description | <i>Labor Header</i> |

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

| | |
|-----------------------------------|---|
| Event Name | <i>RTLBRHDR</i> |
| Event Description | <i>Routing Header</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H13</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D1703000: Routing Real Time Template</i> |
| Event Relationship | 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.) |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------|
| 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) |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|------------------------------------|
| 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 |
| CPLVLTO | mnF3112CPLVLTO | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|---------------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|-------------------------------------|
| FACUNB | mnF31172FACUNB | Numeric | 15 | Foreign Actual Billable Unit Rate |
| FTOTB | mnF31172FTOTB | Numeric | 15 | Foreign Actual Billable Amount |
| PCRCDD | szF31172PCRCDD | 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.

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.

| | |
|-----------------------------------|---|
| Event Name | <i>RTSMOUT</i> |
| Event Description | <i>Supplier</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>CONTAINER</i> |
| | Contains these events: |
| | <ul style="list-style-type: none"> • RTSMHDR (D0100083A) • RTSMPHOUT (D0100083B) • RTSMEAOUT (D0100083C) |
| Product Code | <i>01</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <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:

Configure Contact Information

Enter a code to specify how you want to send contact information. Values are: 0, 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.

1: 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.

2: 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 0 and 1.

Phone Number Type

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.

Fax Number Type

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.

RTSMHDR

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

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

Event Fields

The RTSMHDR event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|-------------------|-----------------------|-----------|------|--------------------|
| 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.

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

| | |
|-----------------------------------|---|
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D0100083B: Supplier Phones Records</i> |
| Event Relationship | 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.

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

Event Fields

The RTSMEAOUT event contains these fields:

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------------|
| 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

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).

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

| | |
|-----------------------------------|--|
| Event Name | <i>RTUPOUTB</i> |
| Event Description | <i>User Preference Real Time Evt</i> |
| Event Type | <i>RTE</i> |
| Event Category | <i>SINGLE</i> |
| Product Code | <i>H95</i> |
| Reliable Delivery | <i>1</i> |
| Delivery Timeout Threshold | <i>0</i> |
| Data Structure | <i>D9500927B: User Preference RTE Notify</i> |
| Relationship | 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|----------------------|
| 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 |

| Data Item / Alias | Structure Member Name | Data Type | Size | Description |
|--------------------------|------------------------------|------------------|-------------|--------------------------|
| 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 |
| JOBID | 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

| | |
|---------------------------------------|---|
| activity | A scheduling entity in JD Edwards EnterpriseOne tools that represents a designated amount of time on a calendar. |
| activity rule | The criteria by which an object progresses from one given point to the next in a flow. |
| add mode | A condition of a form that enables users to input data. |
| Advanced Planning Agent (APAg) | 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. |
| application server | A server in a local area network that contains applications shared by network clients. |
| as if processing | 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. |
| alternate currency | <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> |
| as of processing | 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. |
| back-to-back process | A process in JD Edwards EnterpriseOne Supply Management that contains the same keys that are used in another process. |
| batch processing | <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> |
| batch server | 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. |
| batch-of-one immediate | <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> |
| business function | 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.

| | |
|-------------------------------------|---|
| business function event rule | See named event rule (NER). |
| business view | 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. |
| central objects merge | A process that blends a customer's modifications to the objects in a current release with objects in a new release. |
| central server | 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. |
| charts | Tables of information in JD Edwards EnterpriseOne that appear on forms in the software. |
| connector | 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. |
| contra/clearing account | 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. |
| Control Table Workbench | 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. |
| control tables merge | A process that blends a customer's modifications to the control tables with the data that accompanies a new release. |
| cost assignment | The process in JD Edwards EnterpriseOne Advanced Cost Accounting of tracing or allocating resources to activities or cost objects. |
| cost component | In JD Edwards EnterpriseOne Manufacturing, an element of an item's cost (for example, material, labor, or overhead). |
| cross segment edit | 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. |
| currency restatement | 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. |
| database server | A server in a local area network that maintains a database and performs searches for client computers. |
| Data Source Workbench | 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. |

| | |
|--|---|
| date pattern | 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. |
| denominated-in currency | The company currency in which financial reports are based. |
| deployment server | A server that is used to install, maintain, and distribute software to one or more enterprise servers and client workstations. |
| detail information | Information that relates to individual lines in JD Edwards EnterpriseOne transactions (for example, voucher pay items and sales order detail lines). |
| direct connect | 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. |
| Do Not Translate (DNT) | A type of data source that must exist on the iSeries because of BLOB restrictions. |
| dual pricing | The process of providing prices for goods and services in two currencies. |
| edit code | 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. |
| edit mode | A condition of a form that enables users to change data. |
| edit rule | A method used for formatting and validating user entries against a predefined rule or set of rules. |
| Electronic Data Interchange (EDI) | 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. |
| embedded event rule | 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. |
| Employee Work Center | 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. |
| enterprise server | A server that contains the database and the logic for JD Edwards EnterpriseOne. |
| EnterpriseOne object | 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. |
| EnterpriseOne process | 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. |
| Environment Workbench | 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. |
| escalation monitor | 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. |

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| event rule | 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. |
| facility | 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.” |
| fast path | A command prompt that enables the user to move quickly among menus and applications by using specific commands. |
| file server | 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. |
| final mode | The report processing mode of a processing mode of a program that updates or creates data records. |
| FTP server | A server that responds to requests for files via file transfer protocol. |
| header information | 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. |
| interface table | See Z table. |
| integration server | A server that facilitates interaction between diverse operating systems and applications across internal and external networked computer systems. |
| integrity test | A process used to supplement a company’s internal balancing procedures by locating and reporting balancing problems and data inconsistencies. |
| interoperability model | A method for third-party systems to connect to or access JD Edwards EnterpriseOne. |
| in-your-face-error | In JD Edwards EnterpriseOne, a form-level property which, when enabled, causes the text of application errors to appear on the form. |
| IServer service | 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. |
| jargon | An alternative data dictionary item description that JD Edwards EnterpriseOne appears based on the product code of the current object. |
| Java application server | 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. |
| JDBNET | A database driver that enables heterogeneous servers to access each other’s data. |
| JDEBASE Database Middleware | A JD Edwards EnterpriseOne proprietary database middleware package that provides platform-independent APIs, along with client-to-server access. |
| JDECallObject | An API used by business functions to invoke other business functions. |
| jde.ini | 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. |
| JDEIPC | 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. |

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| jde.log | 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. |
| JDENET | 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. |
| Location Workbench | 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. |
| logic server | 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. |
| MailMerge Workbench | 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. |
| master business function (MBF) | 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. |
| master table | See published table. |
| matching document | 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. |
| media storage object | Files that use one of the following naming conventions that are not organized into table format: Gxxx, xxxGT, or GTxxx. |
| message center | A central location for sending and receiving all JD Edwards EnterpriseOne messages (system and user generated), regardless of the originating application or user. |
| messaging adapter | An interoperability model that enables third-party systems to connect to JD Edwards EnterpriseOne to exchange information through the use of messaging queues. |
| messaging server | 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. |
| named event rule (NER) | 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. |
| <i>nota fiscal</i> | In Brazil, a legal document that must accompany all commercial transactions for tax purposes and that must contain information required by tax regulations. |
| <i>nota fiscal factura</i> | In Brazil, a <i>nota fiscal</i> with invoice information. See also <i>nota fiscal</i> . |

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| Object Configuration Manager (OCM) | 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. |
| Object Librarian | 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. |
| Object Librarian merge | A process that blends any modifications to the Object Librarian in a previous release into the Object Librarian in a new release. |
| Open Data Access (ODA) | An interoperability model that enables you to use SQL statements to extract JD Edwards EnterpriseOne data for summarization and report generation. |
| Output Stream Access (OSA) | 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. |
| package | 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. |
| package build | <p>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.</p> <p>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.”</p> |
| package location | The directory structure location for the package and its set of replicated objects. This is usually \\deployment server\release\path_code\package\package name. 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. |
| Package Workbench | 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. |
| planning family | A means of grouping end items whose similarity of design and manufacture facilitates being planned in aggregate. |
| preference profile | The ability to define default values for specified fields for a user-defined hierarchy of items, item groups, customers, and customer groups. |
| print server | 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. |
| pristine environment | 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. |

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| processing option | 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. |
| production environment | A JD Edwards EnterpriseOne environment in which users operate EnterpriseOne software. |
| production-grade file server | A file server that has been quality assurance tested and commercialized and that is usually provided in conjunction with user support services. |
| program temporary fix (PTF) | A representation of changes to JD Edwards EnterpriseOne software that your organization receives on magnetic tapes or disks. |
| project | In JD Edwards EnterpriseOne, a virtual container for objects being developed in Object Management Workbench. |
| promotion path | <p>The designated path for advancing objects or projects in a workflow. The following is the normal promotion cycle (path):</p> <p>11>21>26>28>38>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> |
| proxy server | 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. |
| published table | 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. |
| publisher | 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. |
| pull replication | 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. |
| QBE | 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. |
| real-time event | 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. |
| refresh | 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. |
| replication server | A server that is responsible for replicating central objects to client machines. |
| quote order | 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. |

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| | In JD Edwards Sales Order Management, item and price information for a customer who has not yet committed to a sales order. |
| selection | 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. |
| Server Workbench | 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. |
| spot rate | An exchange rate entered at the transaction level. This rate overrides the exchange rate that is set up between two currencies. |
| Specification merge | 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. |
| specification | A complete description of a JD Edwards EnterpriseOne object. Each object has its own specification, or name, which is used to build applications. |
| Specification Table Merge Workbench | An application that, during the Installation Workbench process, runs the batch applications that update the specification tables. |
| store-and-forward | 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. |
| subscriber table | Table F98DRSUB, which is stored on the publisher server with the F98DRPUB table and identifies all of the subscriber machines for each published table. |
| supplemental data | <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> |
| table access management (TAM) | 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. |
| Table Conversion Workbench | An interoperability model that enables the exchange of information between JD Edwards EnterpriseOne and third-party systems using non-JD Edwards EnterpriseOne tables. |
| table conversion | An interoperability model that enables the exchange of information between JD Edwards EnterpriseOne and third-party systems using non-JD Edwards EnterpriseOne tables. |
| table event rules | 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. |
| terminal server | 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. |

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| three-tier processing | The task of entering, reviewing and approving, and posting batches of transactions in JD Edwards EnterpriseOne. |
| three-way voucher match | 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. |
| transaction processing (TP) monitor | 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. |
| transaction set | An electronic business transaction (electronic data interchange standard document) made up of segments. |
| trigger | 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. |
| triggering event | A specific workflow event that requires special action or has defined consequences or resulting actions. |
| two-way voucher match | 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. |
| User Overrides merge | Adds new user override records into a customer's user override table. |
| variance | <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> |
| Version List merge | 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. |
| visual assist | Forms that can be invoked from a control via a trigger to assist the user in determining what data belongs in the control. |
| vocabulary override | An alternate description for a data dictionary item that appears on a specific JD Edwards EnterpriseOne form or report. |
| wchar_t | An internal type of a wide character. It is used for writing portable programs for international markets. |
| web application server | A web server that enables web applications to exchange data with the back-end systems and databases used in eBusiness transactions. |
| web server | 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. |
| Windows terminal server | 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.

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| workbench | 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. |
| work day calendar | 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. |
| workflow | 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. |
| workgroup server | A server that usually contains subsets of data replicated from a master network server. A workgroup server does not perform application or batch processing. |
| XAPI events | 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. |
| XML CallObject | An interoperability capability that enables you to call business functions. |
| XML Dispatch | An interoperability capability that provides a single point of entry for all XML documents coming into JD Edwards EnterpriseOne for responses. |
| XML List | An interoperability capability that enables you to request and receive JD Edwards EnterpriseOne database information in chunks. |
| XML Service | 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. |
| XML Transaction | 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. |
| XML Transaction Service (XTS) | 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. |
| Z event | 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. |
| Z table | 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. |
| Z transaction | Third-party data that is properly formatted in interface tables for updating to the JD Edwards EnterpriseOne database. |

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