JD Edwards EnterpriseOne Tools

Cross Reference Facility Guide

Release 9.1

E21485-01

December 2011

The *JD Edwards EnterpriseOne Tools Cross Reference Facility Guide* contains the following topics:

- Section 1, "Understanding the Cross Reference Facility"
- Section 2, "Searching for Objects"
- Section 3, "Viewing Field Relationships"
- Section 4, "Rebuilding Cross-Reference Information"
- Section 5, "Working with the Cross Reference Facility Application"

1 Understanding the Cross Reference Facility

Use the Oracle's JD Edwards EnterpriseOne Cross Reference Facility to determine where specific objects are used. The JD Edwards EnterpriseOne Cross Reference Facility can be accessed on the Microsoft Windows client or on the web client. However, not all features of the JD Edwards EnterpriseOne Cross Reference Facility are available on the web client.

In the JD Edwards EnterpriseOne Cross Reference Facility, you can view relationships between objects and their components. For example, you can use JD Edwards EnterpriseOne Cross Reference Facility to:

- Identify each instance in which a business function is used.
- View a list of forms within an application.
- Display all fields within a business view.
- Cross-reference all applications in which a specific field is used.

Caution: JD Edwards EnterpriseOne Cross Reference Facility is not automatically updated when you add or modify objects. You must rebuild relationships to include new information.

2 Searching for Objects

This section discusses how to search for JD Edwards EnterpriseOne objects.

2.1 Searching for Objects

You can search for these objects by object name:

Data items



- Interactive applications
- Batch applications
- Business functions
- Business views
- Data structures
- Tables
- Forms
- Event rules

2.1.1 Searching for Data Items

You can determine where specific data items are used by clicking the appropriate links under these headings:

- Properties
 - Edit Rules Function Called by a Data Item.
 - Display Rule Function Called by a Data Item.
 - Search Form Used by Data Items.
 - Functions Called by a Smart Field Data Item.
- Interactive Applications
 - Forms Using a Data Item.
 - Interactive Applications Using a Data Item.
 - Interactive Applications Using a Data Item as a Variable.
- Batch Applications
 - Batch Applications Using a Data Item.
 - Batch Applications Using a Data Item as a Variable.
- Tables
 - Tables Using a Data Item.
 - Indices Using a Data Item.
 - Business Views Using a Data Item.
 - Table Event Rules Using a Data Item.
- Data Structures
 - Processing Options Using a Data Item.
 - Generic Text Data Structures Using a Data Item.
 - Business Function Data Structures Using a Data Item.
 - Add Data Structures Using a Data Item.
- Names Event Rules
 - Named Event Rules Using a Data Item.
 - Named Event Rules Using a Data Item as a Variable.

2.1.2 Searching for Interactive Applications

You can locate a variety of information about interactive applications by clicking the appropriate links under these headings:

Properties

- Tables Used by an Interactive Application.
- Indices used by an Interactive Application.
- Business Views Used by an Interactive Application.
- Data Items Used by an Interactive Application.
- Data Items Used as Variables by an Interactive Application.
- Forms for an Interactive Application.
- Processing Options Used by an Interactive Application.
- Data Structures Used by an Interactive Application.
- Generic Text Data Structures Used by an Interactive Application.

Calling

- Interactive Applications Calling an Interactive Application.
- Named Event Rules Calling an Interactive Application.

Called By

- Interactive Applications Called by an Interactive Application.
- Batch Applications Called by an Interactive Application.
- Business Functions or NERs Called by an Interactive Application.

2.1.3 Searching for Batch Applications

You can locate information about UBE applications (UBEs) and how they are used by clicking the appropriate links under these headings:

Properties

- Tables Used by a Batch Application.
- Business Views Used by an Interactive Application.
- Indices Used by a Batch Application.
- Data Items Used by a Batch Application.
- Data Items Used as Variables by a Batch Application.
- Data Structures Used by a Batch Application.
- Processing Options Used by an Batch Application.
- Generic Text Data Structures Used by a Batch Application.

Calling

- Interactive Applications Calling a Batch Application.
- Named Event Rules Calling a Batch Application.
- Batch Applications Calling a Batch Application.

Called By

- Batch Applications Called by a Batch Application.
- Business Functions or NERs Called by a Batch Application.

2.1.4 Searching for Business Functions

You can locate a variety of information about business functions and how they are used by clicking the appropriate links:

- Everywhere a Business Function or NER is Used.
- Search C Source and C Header Files by String.
- NER Properties:
 - Data Structures used by a Named Event Rule.
 - Indices Used by a Named Even Rule.
 - Tables Used by a Named Event Rule.
 - Data Items Used as Variables in a Named Event Rule.
- Called by:
 - Business Functions or NERs Called by a Named Event Rule.
 - Business Functions or NERs Called by a Business Function.
 - Interactive Applications Called by a Named Event Rule.
 - Batch Applications Called by a Named Event Rule.
- Business Function Properties:

Tables Used by a Business Function

- Calling:
 - Named Event Rules Calling a Business Function or NER.
 - Business Functions Calling a Business Function or NER.
 - Interactive Applications Calling a Business Function or NER.
 - Batch Applications Calling a Business Function or NER.
 - Table Event Rules Calling a Business Function or NER.
 - Smart Field Data Items Calling a Business Function or NER.
 - Data Items Calling an Edit Rule Business Function or NER.
 - Data Items Calling a Display Rule Business Function or NER.

2.1.5 Searching for Business Views

You need to click the appropriate links under the following headings to locate a variety of information about business views and understand how they are used:

- Properties
 - Data Items for a Business View.
 - Tables for a Business View.
- Use
 - Everywhere a Business View is Used.

- Interactive Applications Using a Business View.
- Batch Applications Using a Business View.

2.1.6 Searching for Data Structures

You need to click the appropriate links under the following headings to locate a variety of information about data structures and understand how they are used.

Properties

- Data Items Used by All Data Structures.
- Data Items Used by a Business Function or NER Data Structure.
- Data Items Used by a Processing Option Data Structure.
- Data Items Used by a Generic Text Data Structure.

Use

- Everywhere a Data Structure is Used.
- Interactive Applications Using a Data Structure.
- Business Functions or NERs Using a Data Structure.
- Batch Applications Using a Data Structure.
- Table ER Using a Data Structure.
- Interactive Applications Using a Generic Text Data Structure.
- Batch Applications Using a Generic Text Data Structure.

2.1.7 Searching for Tables

You need to click the appropriate links under the following headings to locate a variety of information about tables and understand how they are used:

Properties

- Data Items Used by a Table.
- Indices for a Table.
- Data Items Used by an Index.

Table Use

- Everywhere a Table is Used.
- Business Views using a Table.
- Interactive Applications Using a Table.
- Batch Applications Using a Table.
- Named Event Rules Using a Table.
- Forms Using a Table.
- Table Event Rules Using a Table.
- Business Functions Using a Table.

Index Use

Interactive Applications Using an Index.

- Forms Using an Index.
- Batch Applications Using an Index.
- Table Event Rules Using an Index.
- Named Event Rules Using an Index.
- Table Event Rules
 - Tables Using Table Event Rules.
 - Data Items Used by a Table Event Rule.
 - Tables Used by a Table Event Rule.
 - Business Functions or NERs Used by Table Event Rules.
 - Data Structures Used by Table Event Rules.
 - Indices Used by a Table Event Rule.

2.1.8 Searching for Forms

You need to click the appropriate links under the following headings to locate a variety of information about forms and understand how they are used:

- Properties
 - Tables Used by a Form.
 - Data Items Used by a Form.
 - Indices Used by a Form.
 - Business Views Used by a Form.
- Use
 - Interactive Applications Calling a Form.
 - Data Items Using a Search Form.

2.1.9 Searching for Event Rules

You can search where a particular control is used in the Event Rules of an application.

The Oracle's JD Edwards EnterpriseOne BrowsER functionality found on the row menu of the ER Search form is not available on the web client. This functionality must be used on the Microsoft Windows client.

The Rebuild Relationships functionality found on the form menu of the ER Search form is not available on the web client. This functionality must be used on the Microsoft Windows client.

3 Viewing Field Relationships

This section discusses how to view field relationships.

3.1 Search Types

The Field Relationships form is meaningful only for these cross-reference search types:

Search Type Description	
DA	Indicates data items that are used by an application.
FA	Indicates forms for an application.
FI	Indicates forms that use a data item.
SA	Indicates data structures for an application.

3.2 Control Types

The Field Relationships form displays the control type for a field. This table describes the control types:

Control Type	Description
ВС	Indicates business view columns.
FI	Indicates form interconnects.
GC	Indicates grid controls.
FC	Indicates form controls.

4 Rebuilding Cross-Reference Information

This section provides an overview of rebuilding cross-reference information and discusses how to rebuild information for the JD Edwards EnterpriseOne Cross Reference Facility.

4.1 Understanding Rebuilding Cross-Reference Information

When developers create and modify objects, the cross-reference information becomes out of date. Because the cross-reference files are not automatically rebuilt when objects are created and modified, you must periodically rebuild the cross-references manually. You can also regularly schedule cross-reference builds to ensure that the information is current. You must rebuild the cross-reference information from the Microsoft Windows client.

4.2 Rebuilding Information for the Cross-Reference Facility

The JD Edwards EnterpriseOne Cross Reference application contains multiple forms. Each form contain a grid of cross-reference records. Each row contains a date column (the far right column) that indicates on which date the cross-reference record was built. Use this date to verify if cross-reference records are out of date. If information is out of date, use the Rebuild option from any of the cross-reference forms on the Microsoft Widows client.

Cross-reference builds use relational database tables, not local specifications.

5 Working with the Cross Reference Facility Application

This section lists the pages used to work with the JD Edwards EnterpriseOne Cross Reference Facility and discusses how to:

Search for objects

- Search for event rules
- View field relationships
- Rebuild cross-reference information

5.1 Forms Used to Work with the Cross Reference Facility

Form Name	Form ID	Navigation	Usage
Cross Reference	W980011K	EnterpriseOne Life Cycle Tools, Application Development (GH902), Object Management, Cross Reference Facility	Search for objects and rebuild cross-reference information.
ER Search	W980011A	Select Event Rules from the Form menu on the Cross Reference form.	Search for event rules.
Field Relationships	W980011B	Select Field Relationships from the Form menu on the Cross Reference form.	View field relationships.

5.2 Searching for Objects

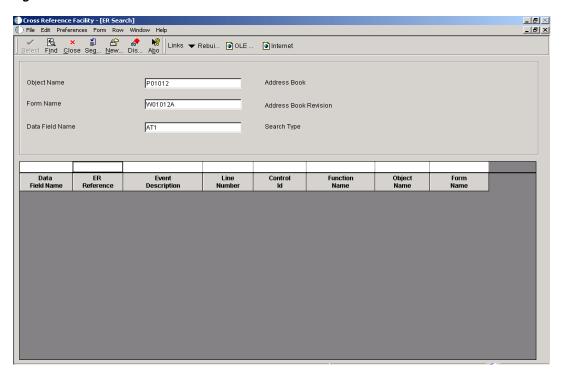
Access the Cross Reference form.

- 1. Select the Data Items tab, select a search option, and, from the appropriate form, enter the name of the data item on which to search.
- **2.** Select the Interactive Applications tab, select a search option, and, from the appropriate form, enter the name of the interactive application on which to search.
- **3.** Select the Batch Applications tab, select a search option, and, from the appropriate form, enter the name of the batch application on which to search.
- **4.** Select the Business Functions tab, select a search option, and, from the appropriate form, enter the name of the business function on which to search.
- **5.** Select the Business Views tab, select a search option, and, from the appropriate form, enter the name of the business view on which to search.
- **6.** Select the Data Structures tab, select a search option, and, from the appropriate form, enter the name of the data structure on which to search.
- **7.** Select the Tables tab, select a search option, and, from the appropriate form, enter the name of the table on which to search.
- **8.** Select the Forms tab, select a search option, and, from the appropriate form, enter the name of the form on which to search.

5.3 Searching for Event Rules

Access the ER Search form.

Figure 1 ER Search form



Object Name

Enter the name of the application for which you want to search for event rules. For example, if you are searching for how Search Type is used in the address book application event rules, enter **P01012** in this field.

Form Name

Enter the name of the form for which you want to search for event rules. For example, if you are searching for how Search Type is used in the Address Book Revisions form, enter **W01012A** in this field.

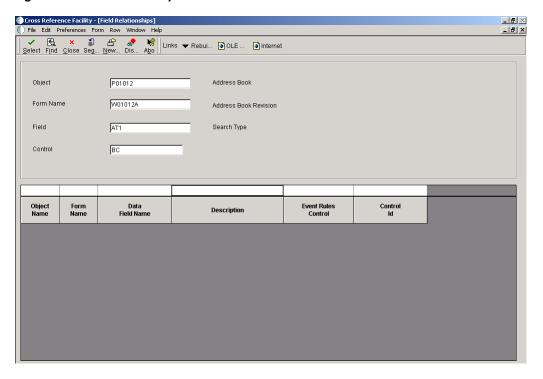
Data Field Name

Enter the alias of the data item for which you want to search. For example, if you are searching for how **Search Type** is used in the Address Book Revisions form, enter the data dictionary item name for Search Type, which is AT1.

5.4 Viewing Field Relationships

Access the Field Relationships form.

Figure 2 Field Relationships form



Object

Enter the name of the application for which you want to locate field relationships.

Form Name

Enter the name of the form for which you want to locate field relationships.

Field

Enter the alias of the data dictionary item name for which you want to locate field relationships.

Control

Select the type of object for which you are searching. Values are:

- **BC:** Business View Field.
- **PO:** Processing Option.
- **FI:** Form Interconnect.
- VAR: Variable.
- **FC:** Form Control.
- **FCW:** Form Control Work Field.
- **GC:** Grid Column.
- GCW: Grid Column Work Field.

5.5 Rebuilding Cross-Reference Information

Access the Cross Reference form.

1. Select Rebuild Relationships from the Form menu.

2. Select the objects that you want to rebuild.

Note: The rebuild process can take several minutes.

6 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at

http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

JD Edwards EnterpriseOne Tools Cross Reference Facility Guide, Release 9.1 E21485-01

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle America, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

