



JD EDWARDS ENTERPRISEONE

Direct Migration from JD Edwards World A7.3 to JD Edwards EnterpriseOne 9.1

March 2012



Direct Migration from JD Edwards World A7.3 to JD Edwards EnterpriseOne 9.1

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Preface

Understanding This Guide

Due to the complex nature of the processes and data integrity issues described in this guide, it is recommended that only properly trained individuals perform this migration. A trained consultant is considered to be knowledgeable and proficient in system sizing activities, Configurable Network Computing (CNC), and table conversions. The consultant should have these skill-sets:

- Oracle's JD Edwards EnterpriseOne installation experience
- Oracle's JD Edwards World installation experience
- IBM I platform experience

Failure to be proficient in these skill-sets could prevent successful migration and can cause lost or corrupt data.

This document is to serve as a technical guide to the Direct Migration Conversion process. This document assumes you have a working knowledge of JD Edwards World and JD Edwards EnterpriseOne. This guide is the primary process flow guide but other guides are involved in the process.

Before beginning this process, check Oracle's support web site for the most recent version or updates to this guide and all Breaking News information related to your Operating System level, JD Edwards World, JD Edwards EnterpriseOne 9.1 and Minimum Technical Requirements (MTRs). Links to these resources are provided in the **Additional Resources** section below.

Additional Resources

These additional resources are located on Oracle's support web sites:

- Access the current Minimum Technical Requirements (MTR) for the JD Edwards EnterpriseOne 9.1 client from My Oracle Support (document ID 745831.1).
- EnterpriseOne Application Release 9.1 Installation Guide (for the platform and database you will be using for the EnterpriseOne installation) On Oracle Technology Network.
- EnterpriseOne Application Release 9.1 Upgrade Guide (for the platform and database you will be using for the EnterpriseOne installation)

Understanding JD Edwards World A7.3 Migration to JD Edwards EnterpriseOne 9.1

The direct migration from Oracle's JD Edwards World to Oracle's JD Edwards EnterpriseOne 9.1 begins by performing a standard install of JD Edwards EnterpriseOne 9.1. This installation has no impact on the JD Edwards World production environment. Using migration tools developed with the JD Edwards World toolset, the JD Edwards EnterpriseOne toolset, and JD Edwards EnterpriseOne CNC technology, the business data is migrated to empty JD Edwards EnterpriseOne tables. After testing the JD Edwards EnterpriseOne 9.1 setup, this process is repeated using live production business data. Once the process is completed, only JD Edwards EnterpriseOne 9.1 environments are run. JD Edwards World is archived and removed from the machine.

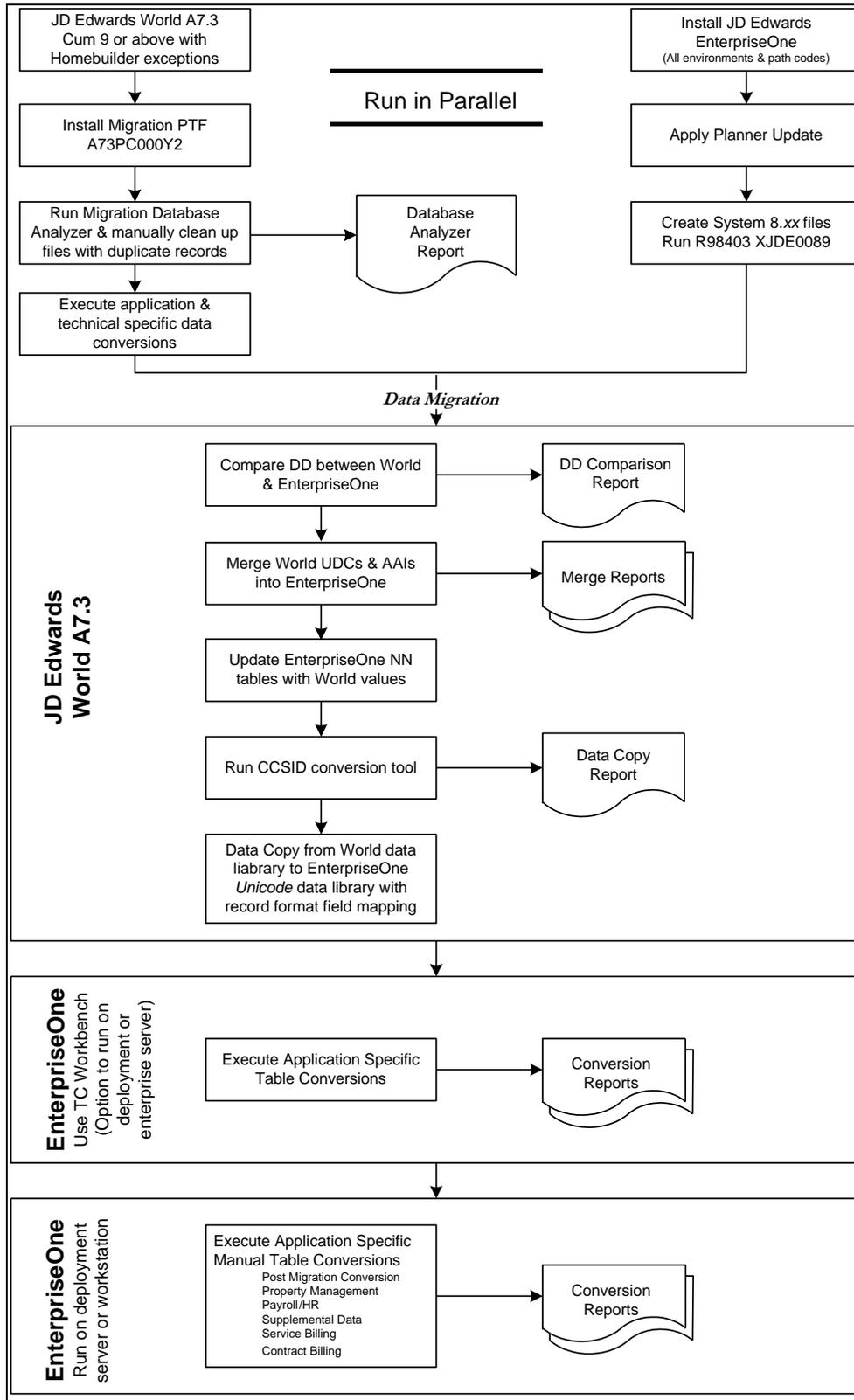
1. Install JD Edwards EnterpriseOne 9.1
 - a. Install JD Edwards EnterpriseOne 9.1 with all path codes.
 - b. Apply the latest Planner Update.
 - c. Run R98403 XJDE0039 to create temporary migration tables.
 - d. Run Database Initializer.
2. JD Edwards World Environment Preparation.
 - a. Install JD Edwards World Software Update A738078380 to the JD Edwards World environment or run from the A73 CU 15 environment.
 - b. Apply World Software Update A738119129 to all A7.3 CU levels.
 - c. Run Migration Database Analyzer.
 - d. Review the report and manually clean up duplicate records.
3. JD Edwards World Conversions
 - a. Miscellaneous File Validation
 - i. Run the Miscellaneous File Validation program.
 - ii. Review the list of files not to be converted.
 - iii. Resolve/Setup necessary data in JD Edwards EnterpriseOne 9.1.
 - b. Application Specific Data Preparation and Conversions
 - i. Execute Application Specific conversion programs.
 - ii. Review conversion reports.
 - c. Data Dictionary Comparison
 - i. Run the Data Dictionary Comparison program.
 - ii. Review the Data Dictionary Comparison report.
 - iii. Manually apply necessary changes to JD Edwards EnterpriseOne 9.1 Data Dictionary.
 - d. Next Number Synchronization
 - i. Run the Next Number Synchronization program.

- ii. Review the Next Number Synchronization report.
 - e. User Defined Codes (UDC) Synchronization
 - i. Run the UDC Synchronization program.
 - ii. Review the UDC Synchronization report.
 - iii. Manually apply necessary changes to JD Edwards EnterpriseOne 9.1 User Defined Codes.
 - f. CCSID Conversion Tool
 - i. Run the CCSID Conversion Tool
 - g. Business Data Copy
 - i. Execute the Copy File Conversion program.
 - ii. Review the Copy File Conversion report.
 - iii. Review the Joblogs and clean up duplicate records
- 4. JD Edwards EnterpriseOne 9.1 Conversions
 - a. Application Specific Data Conversions and Post Conversions
 - i. Execute Application Specific conversion programs.
 - ii. Review conversions reports.
- 5. Turn off JD Edwards World
 - a. Delete all necessary libraries and other related objects.

Understanding JD Edwards World A7.3 Migration to JD Edwards EnterpriseOne 9.1

This diagram illustrates the flow of the migration process (IBM i platform only):

Note: A738078380 Software Update should be used instead of A73PC000Y2 (tape version).



JD Edwards World A7.3 Direct Migration Steps to EnterpriseOne –IBM i Platform Only

Before You Begin the Migration

This chapter discusses:

- Minimum Technical Requirements
- Additional Considerations

Minimum Technical Requirements

JD Edwards EnterpriseOne 9.1 Requirements

The Minimum Technical Requirements (MTRs) are for the platform to which you are migrating. Access the current Minimum Technical Requirements (MTR) for the JD Edwards EnterpriseOne 9.1 client from My Oracle Support.

JD Edwards World A7.3 Requirements

- **A73PC00009** and above (except when using Homebuilder)

Oracle's JD Edwards World environments must be on A73. As a minimum requirement, A73PC00009 must be applied fully to the migrating environment. Homebuilder conversion requires a minimum JD Edwards World level of A73PC00012.

Important!

The last JD Edwards World cumulative update that can be used for direct migration is A73 CU 15.

- **A738078380**

This is the direct conversion/migration Software Update that is applied to the JD Edwards World environments except A73 CU 15. During this process, new files are delivered, and special migration applications are restored to the IBM i server

- **A738119129**

This is an additional Software Update that is applied to all the JD Edwards World environments that are part of the Direct Migration project.

- **CCSIDCONV** (NOTE from LH- line up bullets)

Software Update CCSIDCONV is needed for the CCSID conversion, which is run during the Migration process

Note

The contents of A738078380 are included in A73 CU 15. If you are performing Direct Migration from A73 CU 15, you do NOT install A738078380. You run the Special Jobs starting with the G97UY1 menu

All JD Edwards World processing must be complete before migrating to JD Edwards EnterpriseOne 9.1.

Additional Considerations

- **Disk Space**

Due to the volume of data being copied, the required amount of disk space is double the size of the Business and Common data library plus what is listed in the MTRs for JD Edwards EnterpriseOne 9.1. **Failure to acquire enough disk space can cause the migration to fail.**

- **Sizing/Databases/Hardware**

Regardless of hardware, Operating System, or Database platform choices, a certified sizing by our hardware platform partners is highly recommended. This sizing helps assure the new JD Edwards EnterpriseOne environments function at optimal levels.

Installing JD Edwards EnterpriseOne 9.1

Install Oracle's JD Edwards EnterpriseOne 9.1 with all the path codes and environments you require. **The Pristine pathcode and data must be installed for the migration process.**

Important!

The process assumes that the target data source only has production data in it. The Platform Pack install for Pristine and Development environments loads demo data into the target data sources. Therefore, this process must be run against Production or Prototype environments.

This means that JD Edwards EnterpriseOne 9.1 standard data is in control tables but other transaction data comes from the application and technical conversion programs you run in conjunction with the JD Edwards World Software Update.

-
- *EnterpriseOne Application Release 9.1 Installation Guide* (for the platform and database you will be using for the EnterpriseOne installation)
 - *EnterpriseOne Application Release 9.1 Upgrade Guide* (for the platform and database you will be using for the EnterpriseOne installation)

Note

You must apply the most current Planner Update for JD Edwards EnterpriseOne 9.1.

Working with the JD Edwards World Test Environment

It is recommended that you set up an alternate (test) JD Edwards World environment to apply the JD Edwards World Software Updates A738078380 and A738119129 against. One method to accomplish this is to restore the production libraries from a full tape backup to a new set of libraries. You need to set up a signon to access this new set of libraries. Also, you need to change the QJDF data area in the new object library to point to the correct libraries.

Working with JD Edwards World Distribution Flexible Files

In Oracle's JD Edwards World release A7.3 there are four flexible files, which allow you to include or exclude optional fields that exist in the based on file. Three of them are used in the sales module (System 42) and one in the procurement module (System 43). They are:

- F43199, based on the F4311
- F42199, based on the F4211
- F42119, based on the F4211
- F42019, based on the F4201

In Release 9.1, these four files are not flexible files. They must include all of the fields that are in the "based on" file. If the flexible files do not include all of the fields, you must add the missing fields by running the Define-and-Rebuild process.

This process is described in detail in the document *World Distribution Flex Files Conversion and Rebuild*, which is available on My Oracle Support as described below.

WS: Dist ApTech: Distribution Flex Files Define And Rebuild (Doc ID 626800.1)

Note

Make sure you change the processing options on P40FLEX to the correct libraries using the Version List program.

Checking Common Library Files – JD Edwards World Environment

Note

Skip this step if the JD Edwards World environment has only one library that contains both common files and data files.

The following table lists files that are required in the JD Edwards World Common Data library during the Migration process. If a file listed on the table below is not in the Common library, but should be, use MOVOBJ to move the file and associated logicals to the common library. If other files are in the Common Library that are not listed in the table, use the MOVOBJ command to move the file and associated logicals to the data library.

If you move any file in this table to the Business Data library, it is imperative that you move these files and associated logicals back to the Common Data library.

You might not have all the files listed below. You only see files associated with the systems you have installed.

File Name	Table Description
F0002	Next Numbers – Automatic
F0022	Tax Rules File
F0004	User Defined Code Types
F0004D	User Defined Codes – Alternate Language Descriptions
F0005	User Defined Codes
F0005D	User Defined Codes – Alternate Language Descriptions
F0082	Menu Master
F0082H	Menu Selection History
F00821	Menu Selections
F0083	Menu Text Overrides
F0084	Client Menu Selection Paths
F009141	Word Search Occurrences Master
F009141S	Word Search Occurrences Master – Dist Supplemental Data Type
F009144	Word Search Occurrences Master – Contracts
F009190	Word Search Occurrences Master
F009191	Question & Answer Search Occurrence Master

File Name	Table Description
F009198	Question & Answer Search Occurrence Master
F009690	Menu Word Search Master
F009691	Question & Answer Word Search Master
F009698	Word Search Master – Question and Answer Data Base
F009790	Word search verbs
F12601	WF – STAR
F12603	STAR General Specifications Master File
F12604	STAR – Column Specification Master File
F12605	STAR – Row Specifications Master File
F12606	STAR – Cell Specifications Master File
F12607	STAR – Row Creation File
F12608	WF – STAR – Balance Auditor
F12609	STAR – Print Image File
F81900	DREAM Writer – Performance Statistics Master
F81901	DREAM Writer Statistics Detail
F81902	DREAM Writer – Statistics Detail Accumulator
F83JOIN	FASTR – Format file for open query dynamic join
F83JOINA	FASTR – Format File for Open Query Dynamic Join w/o F0902
F83JOINB	FASTR – Format File for Open Query Dynamic Join (52 period)
F83WORK	FASTR – Work File Save Data
F83WORKB	FASTR – Work File Save Data
F8301	WF – FASTR
F8302	WF – Level of Detail
F8303	FASTR General Specifications Master File
F8304	FASTR – Column Specifications Master File
F8305	FASTR – Row Specifications Master File
F8306	FASTR – Cell Specifications Master File
F8307	FASTR – Row Creation File
F8308	WF – FASTR – Balance Auditor

Installing JD Edwards EnterpriseOne 9.1

File Name	Table Description
F8309	FASTR – Print Image File
F8310	WF – FASTR – Balance Auditor
F8350	FASTR – Cost Center Organizational Chart – Build Join File
F9200	Data Item Master
F9201	Data Field Specifications
F9202	Data Field Display Text
F9203	Data Item Alpha Descriptions
F9204	Data Item Aliases
F9205	Data Dictionary – Error Message Program ID
F9206	Alternate User Defined Codes – Tag File
F9211	Data Dictionary – Smart Fields
F9220	Screen/Report Text Master
F9240	Promotion Path Master
F92401	Promotion Path Members
F92402	Promotion Path Control Files
F9241	Software Development Project Master
F92411	Software Development Project Promotion Paths
F92412	Software Development Project SARs
F92415	PF – Archive history.
F9243	Pre Promotion Edit Master
F92431	Pre Promotion Edit Details
F9248	SAR Log – SAR Detail Record Types
F92710	Action Diagramming Translation Master
F93000	Model Program Definition Master
F93003	WF – Source Merge Monitor
F93101	General Purpose/Type Parameters
F93102	File Specifications
F93103	Data Base Format Parameters
F93104	Program Exit Parameters

File Name	Table Description
F93105	Detail Program Logic Parameters
F93106	Automatic Accounting Instructions Parameters
F93107	Print Control Parameters
F93108	Operation Code to Logic Module X-Ref
F93109	User Defined Procedures
F93110	User Defined Procedures Detail
F93201	Key List File Maintenance
F9501	Unattended Operations Scheduling Master
F9601	Function Key Translation Master
F9601D	Function Key Definitions – Alternate Language Descriptions
F9611	Function Key Translation Detail
F9612	Function Key Security
F9620	Cursor Sensitive Control Master
F9621	Cursor Control Format Master Maintenance
F9701	ASI SAR Info Master File
F97311	Cross Over Rules
F9740	DREAM Writer Changes by Release – Version ID Parameters
F9741	DREAM Writer Changes by Release – Data Selection Parameters
F97411	DREAM Writer Changes by Release – Data Selection Values
F9742	DREAM Writer Changes by Release – Data Sequence Parameters
F9743	DREAM Writer Changes by Release – Processing Option Parm
F9745	DREAM Writer Changes by Release – Form
F9746	User Defined Code Changes by Release – F0005
F9748	Next Number Changes by Release
F9749	Automatic Accounting Insts Changes by Release
F9751	Menu Selection Changes by Release
F9752	Menu Header Changes by Release
F9753	Menu Job to Exec Adds/Obsoletes by Release
F9755	Data Item Master Changes by Release

Installing JD Edwards EnterpriseOne 9.1

File Name	Table Description
F9756	Data Field Specification Changes by Release
F9757	Data Item Alpha Description Changes by Release
F9758	Data Item Alias Changes by Release
F9759	Error Message Pgm Call Changes by Release
F98HELP	Help Instructions Master File
F98001	Cross – Reference Relationships
F98002	Cross – Reference File Information
F98003	Cross – Program Field Information
F98009	CASE Profiles File
F9801	Software Versions Repository Master
F98012	SVR Member Category Codes
F98013	SVR Member Parm/Key List
F9802	Software Versions Repository Detail
F9805	Printer File Creation Parameters
F9806	Replacement Program Parameters
F9815	Optional Files Workbench Log File
F9816	Data Dictionary Generic Text File
F98163	Data Dictionary Generic Text Key Index File
F98301	DREAM Writer Master Parameter
F98302	DREAM Writer – Processing Options (Language Preferences)
F98303	DREAM Writer – Version Headings (Language Preferences)
F9831	DREAM Writer Values Parameter
F98311	DREAM Writer – Headings File
F98312	DREAM Writer – Printer Overrides
F9835	DREAM Writer User Review Master File
F9836	DRAM Writer Merge Delete Log
F98361	DREAM Writer Delete Log – Data Selection Values
F9837	DEAM Writer Field Review File
F98501	Dialogue Description Master

File Name	Table Description
F98510	Dialogue Question Master
F98511	Dialogue Question Responses
F98519	Dialogue *LIST Responses
F98520	Quiz History Master
F98521	Quiz History Detail
F98701	OneWorld Next ID Master

Note

- F98FRF* files are not migrated so they can be in either the data or common library.
 - F0016D file is obsolete and does not need to be moved.
 - Backup the data and common libraries before installing the JD Edwards World Software Updates A738078380 and A738119129.
-

Dropping SQL Packages

When migrating data with IBM i data sources, the SQL packages must be dropped before running the TC workbench. The IBM i caches the table layout in the SQL package and does not look at what the current table layout is. If the SQL packages are not dropped, errors might occur in tables with changed formats.

► To drop SQL packages

1. Ensure that JD Edwards EnterpriseOne is shut down.
2. On the IBM i , enter this command:
3. WRKOBJ OBJ(*ALLUSR/*ALL) OBJTYPE (*SQLPKG)
4. Select the business data and control table libraries from the list.
5. Enter 4 next to each of the packages, and then click Enter.

Note

SQL packages beginning with “Q” are IBM packages. Do not delete.

Modifying the Enterprise Server JDE.INI

► To modify the Enterprise Server JDE.INI file

Before running the Table Conversion Workbench, make sure this entry in the JDE.INI on the server is active:

1. From a regular IBM i screen, signed on as JDE, enter WRKLNK and press Enter.
2. Drill down to the INI directory by using option 5 on each directory:
 - a. E900SYS\ini
 - b. Then select option 2 for JDE.INI.
 - c. Enter SQL Package Library and press F16.
 - d. If there is a semicolon in front of this line, remove it:

```
SQL Package Library=2
```

3. Save and close the JDE.INI file.

Note

When the TC workbench is completed, enter a semicolon at the beginning of this JDE.INI line. This “comments out” the setting in JDE.INI file:

```
; SQL Package Library=2
```

Testing Long File Names on the IBM i

► **To test long file names**

1. Log on to the IBM i as QSECOFR.
2. On the command line, enter STRSQL.
This command starts a SQL session on the IBM i.
3. Enter this SQL statement:

```
CREATE TABLE QGPL/ <LONGFILENAME> (FIELD CHAR (10))
```

Where <LONGFILENAME> is the name of the file. The system is ready if the file is created in the QGPL library. You can ignore the journal setting.

4. Enter this SQL statement to remove the file that you just created in the QGPL library,

```
DROP TABLE QGPL/ <LONGFILENAME>
```

Note

The remaining steps in this procedure, Steps 5 through 8 below, are only required if Step 3 above fails.

5. Stop all subsystem jobs from console, (ensure no users are on the system when stopping subsystem jobs).
6. After the jobs have successfully stopped, run this command:

```
RCLSTG SELECT (*DBXREF)
```

Note that this command might run for several hours.
7. Restart all subsystem jobs by IPL or by starting each subsystem.
8. Verify that the cross-reference tables are built by entering these SQL commands:

```
SELECT * FROM SYSTABLES  
SELECT * FROM SYSCOLUMNS
```

Creating a Job Queue in JD Edwards EnterpriseOne

Personnel	Installer or system administrator
Logon Status	Sign onto JDEPLAN
Prerequisites	None
Concurrent Tasks	None

► **To create the job queue**

Note

The Job Queue name must match an existing IBM i JOBQ.

1. Go to menu GH9013 and start the Job Queues application (P986130).
2. On Job Queue Revisions, complete these fields as described below, and then click **OK**.

Job Queue Revisions form

- Host
Enter the Enterprise Server name.

- Job Queue
Enter the Job Queue name. (Ensure that the Queue name matches the batch queue name on the IBM i. All IBM i systems can use the batch queue QBATCH as their default.)
- Default Queue
Select this option.
- Job Queue Status
Enter 01.
- Queue Type
Enter 02.
- Maximum Batch Jobs
This number must match the TC throttle for the plan. It must less than or equal to the MAXACT on the IBM i JOBQ entry in QBATCH.
- Port Number
For release 9.1 the Port Number is 6014. Ignore the “Network Failed” error if it occurs.

3. Add another queue called I-ACTIVE.

The screenshot shows a window titled "Job Queues - [Job Queue Revisions]". The window has a menu bar with "File", "Edit", "Preferences", "Window", and "Help". Below the menu bar is a toolbar with buttons for "OK", "Can...", "Dis...", "Ab...", "Links", "Displ...", "OLE...", and "Internet". The main area of the window contains a form with the following fields:

Host	TITANIC	
Job Queue	I-ACTIVE	<input type="checkbox"/> Default Queue
Job Queue Status	01	Active
Queue Type	01	JDEdwards Queue
Maximum Batch Jobs	1	
Port Number	6014	

Job Queue Revisions form

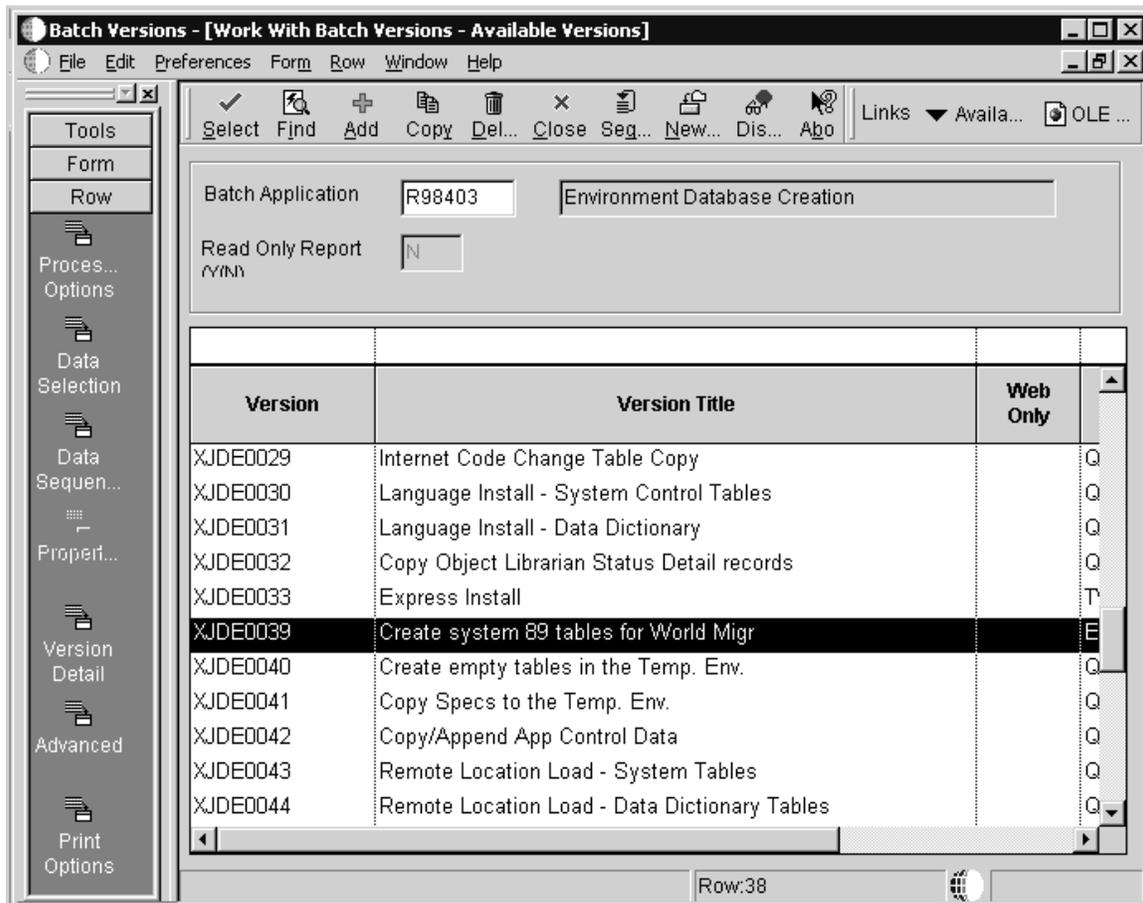
Set the maximum number of jobs equal to the maximum number of jobs the queue runs (set the queue for IBM i). Batch processes calling other batch processes use this queue; so define it as type JD Edwards, regardless of the platform.

Creating Temporary Tables for Data Migration

Personnel	System Administrator
Logon Status	On the Deployment Server, logged on as user JDE in the JDEPLAN environment
Prerequisites	Release 9.1 fully installed.
Concurrent Tasks	None

► **To create temporary tables for data migration**

1. From menu GH9011, select Report Management, Batch Versions.
2. On the Work With Batch Versions form, enter R98403 as the Batch Application, and click **Find**.
3. Highlight version XJDE0039 (“Create system 89 tables for World Migr”), and then click **Copy**.



Batch Versions – [Work With Batch Versions – Available Versions] form

4. On the Batch Version - [Version Copy] form, enter CRTTEMPBL for the New Version field and Create Temporary Migration Tables for the Version Title field.

Change the Security field to 1 (Medium security), and then click **OK**.

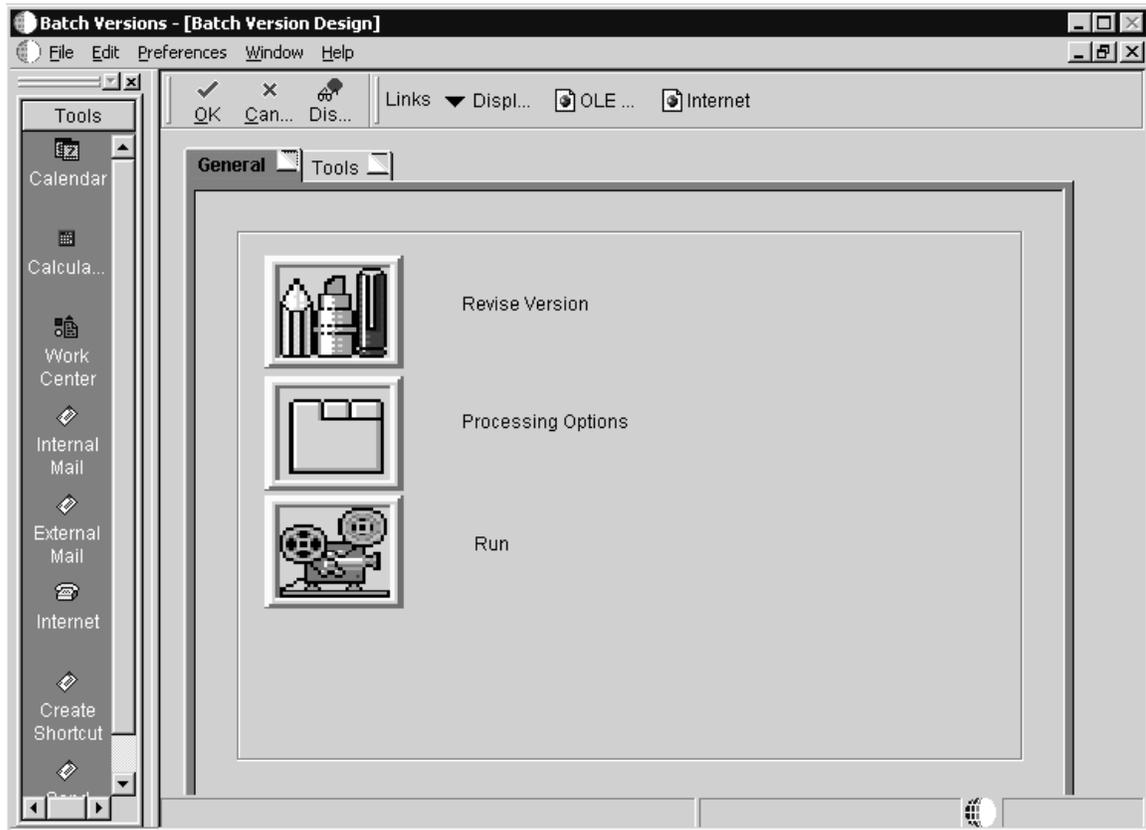
The screenshot shows the 'Batch Versions - [Version Copy]' window. The 'Application' field contains 'R98403' and the 'Version to Copy' field contains 'XJDE0039'. The 'New Version' field contains 'CRTTEMPBL', the 'Security' field contains '1', and the 'Version Title' field contains 'Create Temporary Migration Tables'. A note at the bottom of the form reads: 'Note: The client is the source of all copied versions. If the version is not on the client machine, the Automatic Install Process will install the version from the server.'

Batch Versions – Version Copy form

Note

The following files are obsolete in 9.1 but are listed as errors on the report and should be generated manually using the Object Management Workbench in the Planner environment: F32943, F4009T, F7460, F4100T, F41001T, F4101T.

5. On the General tab of the Batch Versions - [Batch Version Design] form, select **Processing Options**.



Batch Versions – [Batch Versions Design] form

6. Set processing options 1-12 as follows:

Processing Options

Environment | Update | Print | Licensing

1. Enter the name of the target Environment for the database to be created for. (If this report is called from another process, the target Environment will be passed in.)

2. or Enter the name of the target Data Source for the database to be created for.

3. Enter a '1' to load Production Data or a '2' to load Demonstration Data. The default is to load production data. (If this report is called from another process, this flag will be passed in.)

4. Enter the name of the source Data Source for Loading the Data. (If this report is called from another process, the source Data Source will be passed in.)

5. or Enter the name of the source Environment for the database to be copied from. (If this report is called from another process, the source Environment will be passed in.)

OK **Help** **Cancel**

1. For the name of the Target Environment, enter **PD900**.
2. Leave blank.
3. Enter *1* to load production data.
4. Leave blank.
5. Enter JDEPLAN for the name of the source environment for the database to be copied from.

Processing Options

Environment | **Update** | **Print** | **Licensing**

6. Enter a '0' for Proof Mode or a '1' to create the Environment Database. The default is Proof Mode.

7. Enter a 'A' to re-create existing tables in data sources that allow automatic table creation. The default is not to re-create tables.

8. Enter a '1' to copy only tables that exist in the source data source. The default is to copy all tables.

9. Enter a 'Y' to add records without clearing the target table. This is used for language tables. The default is to clear the target table.

6. Enter 1 to create the environment database.
7. Enter A to re-create existing tables in data sources that allow automatic table creation.
8. Enter 1 to copy only tables that exist in the source data source.
9. Leave blank.

The screenshot shows a dialog box titled "Processing Options" with a close button (X) in the top right corner. The dialog has four tabs: "Environment", "Update", "Print", and "Licensing". The "Licensing" tab is selected. It contains two numbered options, each with a text description and an empty input box:

- 11. Enter a 'Y' to create all tables or a 'N' to create licensed tables only. The default is to create all tables.
- 12. Enter a 'Y' to print all tables in the report or a 'N' to print licensed tables only. The default is to print all tables.

At the bottom of the dialog, there are three buttons: "OK" (with a checkmark icon), "Help", and "Cancel" (with an X icon).

10. Leave blank (Print tab).
11. Leave blank.
12. Leave blank.
7. Click **OK** to exit the Processing Options window.
8. On the General tab of the Batch Versions - [Batch Version Design] form, click **Run** to submit the version.
9. Select **Advanced** from the **Form Exit**.
In the Batch Versions - [Advanced Version Prompting] form, select the **Override Location**.
10. Click **OK** to return the Batch Versions - [Version Prompting] form.
11. Select **Submit** from the **Form Exit**.
From the Batch Versions - [JD Edwards Data Sources] select the LOCAL data source.
12. When the Processing Options window reappears, review options 1-12 and ensure that they are correct.
13. Click **OK** to exit the Processing Options window.
14. Select desired Report Destination option and click **OK**.
15. Review the PDF carefully to ensure all tables copied over successfully.
If errors are encountered, review the JDE.LOG. Contact the Global Support Center for further assistance.

Preparing JD Edwards World A7.3 for Migration

Installing the JD Edwards World A73 Software Updates

Using the Software installation Instructions included in the software update, install the A738078380 to the World environment (except A73 CU 15) that you plan to migrate to Oracle's JD Edwards EnterpriseOne 9.1. You must install source for the software update A738078380.

Using the Software installation Instructions included in the software update, install the A738119129 to the World environment that you plan to migrate to Oracle's JD Edwards EnterpriseOne 9.1.

Understanding Special Jobs

There are a number of special jobs that must be executed after Software Updates A738078380 and A738119129 are installed. The initial starting point for these special jobs is menu G97UY2 (**G97UY1 for A73 CU 15**). Options on this menu are categorized as Migration Preparation, Application Conversions, and Technical Conversions. You must run all Migration Preparation and Technical Conversion jobs on the menu.

You must also run all application conversion jobs for the applications you have installed. Many of these jobs have reports that must be reviewed before continuing to subsequent tasks. If you do not have data in the file affected by the special job you might receive a joblog stating that there are no records.

Each job has a menu message. For the Application Conversion jobs, there should be information regarding who should run the job, What the job needs, and why the job should be run. Read the menu messages carefully before executing the job.

```
G97UY2                                JDEHIL3 J.D. Edwards & Company                                JDEHIL3
                                     World to EnterpriseOne- Direct Migration
... MIGRATION PREPARATION
2.  READ ME FIRST !!!
3.  Migration Database Analyzer
4.  Miscellaneous File Validation
5.  EnterpriseOne DB Initializer
... APPLICATION CONVERSIONS
7.  Foundation Conversions
8.  Financials Conversions
9.  HR/Payroll Conversions
10. Manufacturing Conversions
11. Distribution Conversions
... TECHNICAL CONVERSIONS
14. Data Dictionary Comparison
15. User Defined Code Merge
16. Automated Acctg Instr Merge
17. Next Numbers Conversion
18. Update Generic Text Keys
19. Update *Account Key F00163
20. Generic Text Synchronization
21. CCSID 65535 Conversion
22. Migration Business Data Copy

Selection or command
===> _____

-----
Tue, Nov 25, 2003      A7314 ERP9 Migration Testing      LH3914
4:39:14pm             (C) J.D.Edwards & Co 1985,1996   QPADEV0001
```

The order in which you execute the Special Jobs from the G97UY2 menu is:

1. Read Me First.

2. Migration Database Analyzer.
3. Miscellaneous File Validation.
4. EnterpriseOne DB Initializer.
5. Run any jobs under APPLICATION CONVERSIONS for systems you have installed.
6. Data Dictionary Comparison.
7. User Defined Code Merge.
8. Automated Acctg Instr Merge.
9. Next Numbers Conversion.
10. Update Generic Text Keys.
11. Update * Account Key F00163.
12. Generic Text Synchronization.
13. CCSID 65535 Conversion.
14. Migration Business Data Copy.

The “Table Conversions” section in this chapter discusses all technical conversion jobs. Read either the Helps or the appropriate sections of this guide for all technical conversions. To access the helps, on the G97UY2 menu command line, enter Help <xx>, where <xx> is the menu option.

For the application conversion jobs, refer to the menu messages for the details of each job.

Migration Preparation Programs

Migration Database Analyzer (P98888)

```

98888                                     J.D. Edwards & Company
                                           Migration Database Analyzer
                                           Exceptions Only with
                                           Detail Duplicate Reports
                                           Page
                                           Date 11/25/

Member  Logical  Syst S
ID      File     Code F
-----
F0002   M0002_1   00  1 Physical File Doesn't Exist in Library
F00021  M00021_1  00  1 Physical File Doesn't Exist in Library
F00022  M00022_1  00  1 Physical File Doesn't Exist in Library
F0019   M0019_1   00  1 Physical File Doesn't Exist in Library
F00191  M00191_1  00  1 Physical File Doesn't Exist in Library
F00192  M00192_1  00  1 Physical File Doesn't Exist in Library
F0112   M0112_1   H90  2 OW Idx Validation Failed-Dup Recs Exist PTAN8 ASC, PTPD0 DESC, PTPT0 DESC
F01132  M01132_1  02  1 Physical File Doesn't Exist in Library
F03BU104 M03BU104_1 03B  3 OW Index Validation failed-Other Problem
F03B1321 M03B1321_1 03B  3 OW Index Validation failed-Other Problem
F03B25  M03B25_1  03B  3 OW Index Validation failed-Other Problem

F3=Exit  F12=Cancel  F19=Left  F20=Right  F24=More keys
More...

```

During the direct migration process, data is copied from Oracle’s JD Edwards World files to Oracle’s JD Edwards EnterpriseOne tables. Indexes are created for the JD Edwards EnterpriseOne tables. Each table in JD Edwards EnterpriseOne has a primary key, which means that duplicate records are not allowed. If there are duplicate records or other issues with the JD Edwards World data file being copied over, the copy to JD Edwards EnterpriseOne table fails.

The purpose of the Migration Database Analyzer (P98888) program is to identify JD Edwards World files that violate JD Edwards EnterpriseOne index constraints. The program identifies

duplicate records and other issues in the JD Edwards World files. You then need to clean up the JD Edwards World records before beginning the Direct Migration process.

The program uses SQL scripts to create the indexes. A report is produced indicating if the index created successfully or if there were errors in trying to create the index. The report also shows errors such as duplicate records in the file, which prevent the index from being created.

Executing the Migration Database Analyzer Program

► **To fill in the Processing Options, use these guidelines:**

1. Enter the target library to create the JD Edwards EnterpriseOne indexes.
For this processing option, enter QTEMP or an empty library you have created. The program creates the JD Edwards EnterpriseOne indexes in this library. After the index is created, the index is deleted from the library. Therefore, when the program is finished the library is again empty.
2. Enter the library to check for the existence of the JD Edwards World files.
For this processing option, enter either the name of a library in the library list or leave it blank. If you enter a library name, the program checks for the existence of JD Edwards World files in that library and attempt to create the JD Edwards EnterpriseOne indexes for those files in the library name you entered for Processing Option 1.
If you leave the processing option blank, the program uses *LIBL and searches the JD Edwards World library list to determine if the file exists. It then attempts to create indexes for those files in the library you entered for Processing Option 1. If the environment is set up so that you have both a common and a data library, leave this processing option blank.
3. Enter 1 for a full report of all conditions.
It is suggested that you enter 1 in this field to get a full report for all indexes that were created or failed. If you leave this processing option set to 0, the report only lists the indexes that failed to create.
4. Clear process status flag in F98888. Enter 1 to clear the process status flags in F98888.
The default for this option is 0. This means that the status flag in the F98888 file will not be cleared. The status flag indicates if the creation of the index was successful or not. If the status flag is not cleared then you are able to rerun this job using data selection. You can then process only those files that had issues the first time.
For example, you could run the process again and change the Migration Status Field NE 4 on the data selection. If errors still show up, you can continue to run the program this way until you have cleaned up all errors.
If for some reason you want to run the entire program again, you can change the processing option value to 1 instead of 0. The status field in the F98888 file would then be cleared first so all indexes would be created again.
5. Enter 1 to print a duplicate record detail report for each file where duplicate records are found or enter 0 to bypass the report.
If you leave the processing option value as 1, a separate report prints for each file that has duplicate records. This report prints all duplicate records along with the key fields associated with the index that could not be created. The relative record number of the record also prints. You can use this report to clean up the duplicate records. You should clean up records so that only one record with the same key values exists. To clean up

duplicate records, you must either change a value for one of the key fields or delete one of the records.

After you clean up duplicate records, run the Migration Database Analyzer program again to make sure all indexes can be created successfully. You can use data selection as described in step 4 above.

Important!

These files have application programs you run later to clean up duplicate records: F0101A, F4111, F42199, F43199, F43121, F06106 and F0607. The F0619 and F0624 files have JD Edwards EnterpriseOne Table Conversions that eliminate duplicate records later. If the report contains any of those files, do not spend time cleaning up the duplicate records.

Duplicate F0311 records might show up on the Analyzer Report, however these records might not be true duplicates. The Analyzer Report extracts the records based on the key fields, but the criteria needs to look at only original records.

Refer to document, How to Locate Duplicate Documents in the AR Ledger File (F0311) Using World Writer Document 626953.1. For further information on running the AR Conversion, see AR Data Migration from JDE World to EnterpriseOne – Document 1490641.1. If you have questions, please place a call for a JD Edwards World A/R consultant.

Analyzing the Migration Database Analyzer Report

These messages might appear on the Migration Database Analyzer Report:

- “Physical File Doesn’t Exist in Library.”
This error indicates that the JD Edwards World file that the index is being created over does not exist. If you have set processing option 2 to a library name, it’s possible that the file exists in another JD Edwards World library.
- “OW Index Validation Failed – Dup Records Exist.”
If the report contains this error, there are duplicate records in the file(s). The report shows the key values for the file and if you set processing option 5 to a 1, you should have a report that lists the duplicate records by file.
- “OW Index Validation Failed – Other problem.”
The index failed to be created because of some other issue. A joblog should be produced, which can be used to research the issue.
- “OW Index Validated Successfully.”
The index was created successfully in the library specified in processing option 1.
- “OW Index Already Exists.”
This error means the index already exists in the library specific in processing option

Miscellaneous File Validation (P98884)

		J.D. Edwards & Company Misc File Validation Report	
File	Description		Record
98884			
F0101Z1	Address Book - Batch File		3
F0411Z1	Voucher Transactions - Batch File		3
F04571	A/P Payment Control Group File		4
F04572	A/P Payment Header File		8
F04573	A/P Payment Detail File		15
F063501	WF - Paycheck (Interims)		57
F08201	Salary Review Work File		40
F0911Z1	Journal Entry Transactions - Batch File		16
F4001Z	Batch Receiver File - Order Headings		1
F4011Z	Batch Receiver File - Order Details		1
F47011	EDI Purchase Order Header - Inbound		4
F47012	EDI Purchase Order Detail - Inbound		5
F47013	EDI Purchase Order Detail (SDQ) - Inbound		1
F47016	EDI Purchase Order Header - Outbound		16
F470161	EDI P. O. Additional Header - Outbound		16

This program is run to provide a report that lists work files that need to be validated. These files need to be reviewed before executing the remainder of the migration programs, as it might be a warning that a process should be completed in the JD Edwards World environment. Failure to complete any pending process could cause data corruption in the JD Edwards EnterpriseOne tables. The file that drives this report is the F98884. If all the files registered in the F98884 have a zero record count, the message "All of the files identified contain zero records" prints on the report.

Analyzing the Miscellaneous File Validation Report

- If these files on the report contain data, the EDI programs need to be executed to complete the process:
 - F47* - EDI files
- This file might contain data and might need to be set up manually in JD Edwards EnterpriseOne 9.1.
 - F07727 - Canadian Pension Information
- If these Z files contain data, the appropriate Z file program should be run to process the data:
 - F0041Z1 - Transaction Control File
 - F0101Z1 - Address Book - Batch File
 - F03B13Z1 - Electronic Receipts Input
 - F0411Z1 - Voucher Transactions - Batch File
 - F06116Z1 - Employee Transactions - Batch File
 - F0911Z1 - Journal Entry Transactions - Batch File
 - F4001Z - Batch Receiver File - Order Headings
 - F4006Z - Batch Order Receiver - Order Address Information

F4011Z - Batch Receiver File - Order Details
F4012Z - Batch Receiver File - Destination Quantity
F4012ZW - WF - Destination Quantity
F4301Z - PO Header Work File
F4311Z - Purchase Order Generator File
F43121Z - Receiver Workfile
F4314Z - Voucher Match Selection File

- The Accounts Payable payment process should be completed if these files have data:
 - F04571 - A/P Payment Control Group File
 - F04572 - A/P Payment Header
 - F04573 - A/P Payment Detail
- The Revenue recognition process should be completed if these files have data:
 - F5280W - Contract Revenue Summary Work
 - F52801 - Contract Fee Line Revenue Work
- The Payroll process should be completed if these files have data:
 - F06290 - WF - Payroll Journal (Detail)
 - F06350I - WF - Paycheck (Interims)
- The Wage and Salary Information process should be completed if this file has data:
 - F08201 - Salary Review Work

JD Edwards EnterpriseOne Database Initializer (P98887)

J.D. Edwards & Company EnterpriseOne DB Initializer - Detail							Page
File Name	Data Libr From	Data Libr To	I S	Description	Field Name	Default Value	Date 11/25/
F0101	A7314JY1D	E9Y1TSTD	7	Defaults added to EnterpriseOne file	ABPRGF	Default ' '	
F0101A	A7314JY1D	E9Y1TSTD	7	Defaults added to EnterpriseOne file	ABSCCLTP	Default ' '	
F0101Z1	A7314JY1D	E9Y1TSTD	7	Defaults added to EnterpriseOne file	AZPRGF	Default ' '	
					AZSCCLTP	Default ' '	
					YDPRGF	Default ' '	
					YDSCCLTP	Default ' '	
F01092	A7314JY1D	E9Y1TSTD	4	No columns found which require defaults			
F01093	A7314JY1D	E9Y1TSTD	4	No columns found which require defaults			
F0111	A7314JY1D	E9Y1TSTD	4	No columns found which require defaults			
F0112	A7314JY1D	E9Y1TSTD	4	No columns found which require defaults			
F0113	A7314JY1D	E9Y1TSTD	4	No columns found which require defaults			
F01131	A7314JY1D	E9Y1TSTD	4	No columns found which require defaults			
F01132	A7314JY1D	E9Y1TSTD	7	Defaults added to EnterpriseOne file	CYSERK	Default 0	

F3=Exit F12=Cancel F19=Left F20=Right F24=More keys More...

JD Edwards EnterpriseOne software does not support Null values. This program reads the F98881 file, which contains a list of files that are copied from JD Edwards World to JD Edwards EnterpriseOne. If the file exists in both JD Edwards World and JD Edwards EnterpriseOne, the JD Edwards EnterpriseOne table is updated, if needed. Columns that are unique to JD Edwards EnterpriseOne (do not exist in the JD Edwards World file) and do not already have a default value assigned to the column are altered to have a default value. Text columns (columns with data type of CHAR, VARCHAR, CLOB, GRAPHIC, VARG, DBCLOB, BLOB) are assigned a default value of blank (" "). Numeric data types are assigned a default value of zero (0).

Executing the JD Edwards EnterpriseOne Database Initializer Program

In most cases you run this program once, assuming the setup for the environment is one common library and one data library. However, the program can be run multiple times so that all libraries that contain any of the files listed in the F98881 file have this program run over them. For customers who have payroll files in a separate library, the program can be run the first time for the data and common library and then run a second time for the payroll library only.

Assuming you have one common library and one data library set the processing options as shown:

1. a. Enter the World Business Data Library – this is the JD Edwards World data library containing files such as F0101 (Address Book).
 - b. Enter the World Common Data Library – this is the JD Edwards World common library containing files such as F98301 (DREAM Writer).
2. a. Enter the JD Edwards EnterpriseOne Business Data Library – this is the JD Edwards EnterpriseOne data library containing files such as F0101 (Address Book).
 - b. Enter the JD Edwards EnterpriseOne Control data library - this is the JD Edwards EnterpriseOne data library containing files such as F0004 (User Defined Code).
3. Print column details – a value of 0 prints information when columns are changed. A value of 1 does not print that information.

Analyzing the JD Edwards EnterpriseOne Database_INITIALIZER Report

These messages might appear on the JD Edwards EnterpriseOne Database_INITIALIZER Report:

- “Both World/EnterpriseOne files not found.”
The file is not in the JD Edwards World or JD Edwards EnterpriseOne environment based on the listing of files in the F98881 file.
- “World file not found.”
The file is not in the JD Edwards World environment.
- “EnterpriseOne file not found.”
The file is not in the JD Edwards EnterpriseOne environment.
- “No columns found which require defaults.”
The table structure for the JD Edwards World and JD Edwards EnterpriseOne tables are the same and default values have already been applied.
- “Error occurred while changing defaults.”
The process was not able to successfully execute this SQL statement:


```
ALTER TABLE F<xxxx> ALTER COLUMN <xxxx> DEFAULT <xxxx>
```


This could occur if the person executing the program does not have proper authority to the JD Edwards EnterpriseOne table or another user or process has a lock on the table.
- “Other error occurred – Defaults not added.”
Some other general processing error occurred.
- “Defaults added to EnterpriseOne file.”
The program altered the JD Edwards EnterpriseOne defaults for the table.

After reviewing the report, if you need to rerun the JD Edwards EnterpriseOne Database_INITIALIZER for a select set of files, you can use data selection to specify the files.

Application Conversion Programs

At this time, the Application Conversion programs are run for those applications you have installed on the system. All of the menus in this section are exits from the G97UY2 (**G97UY1 for A73 CU 15**) menu.

Note

Make sure to read the menu messages for each application conversion job before running the job. Conversion programs must be processed in the order they appear on the menu for the applications you have installed.

Foundation Conversions

```
G00UY2                                J.D. Edwards & Company                                JDEHIL3
                                     World to EnterpriseOne - Foundation
... FOUNDATION CONVERSIONS
2. A/B Audit Log - Dupl Cleanup
3. Convert F03012 Add CD 00000

Selection or command
===> _____

Tue, Nov 25, 2003                      A7314 ERP9 Migration Testing                      LH3914
4:40:04pm                               (C) J.D.Edwards & Co 1985,1996                   QPADEV0001
```

Financials Conversions

```
G09UY2                                J.D. Edwards & Company                                JDEHIL3
World to EnterpriseOne - Financials

... FINANCIALS CONVERSIONS
2. A/R Conversions Menu
3. Update Ledger Types (F0025)
4. JX Currency Conversion
5. Sales/Use/VAT Tax Conversion
6. Update Tenant Work Order
7. Property Mgmt Preparation

Selection or command
===> _____

Tue, Nov 25, 2003      A7314 ERP9 Migration Testing      LH3914
4:40:46pm             (C) J.D.Edwards & Co 1985,1996    QPADEV0001
```

Payroll Conversions

```
G06UY2                                J.D. Edwards & Company                                JDEHIL3
World to EnterpriseOne - HR/Payroll

... PAYROLL CONVERSIONS                ... HUMAN RESOURCES CONVERSIONS
2. Payroll Voucher Conversion           14. Change Depend/Benef flag
3. F06116 File Conversion
4. F0618 File Conversion
5. F0111 File Conversion - MMREF
6. F06106 File Conversion
7. F0607 File Conversion

Selection or command
===> _____

Tue, Nov 25, 2003      A7314 ERP9 Migration Testing      LH3914
4:41:19pm             (C) J.D.Edwards & Co 1985,1996    QPADEV0001
```

Manufacturing Conversions

```

G30UY2                                J.D. Edwards & Company                                JDEHIL3
World to EnterpriseOne - Manufacturing

... MANUFACTURING CONVERSIONS
2. File Conversion for F3294
3. File Conversion for F32941

Selection or command
===> _____

Tue, Nov 25, 2003                    A7314 ERP9 Migration Testing                    LH3914
4:41:53pm                            (C) J.D.Edwards & Co 1985,1996                QPADEV0001
    
```

Distribution Conversions

If the IBM Operating System of your machine is V5R2 or above, and you are running A73PC00013 or below, and you are running option 2 – Lot Number Century Conversion on menu G40UY2, you must download and apply Update 6417931.

```

G40UY2                                J.D. Edwards & Company                                JDEHIL3
World to EnterpriseOne - Distribution

... DISTRIBUTION CONVERSIONS
2. Lot Number Century Conversion
3. CARDEX - Unique Key Post Inst
4. Correct F4111 duplicate keys
5. Reformat Item Search Text
6. Subcontract Conversion
7. Generic Text Purge
8. Sales Ord Ledger - Dupl Clean
9. Purch Ord Ledger - Dupl Clean
10. Purch Ord Receipt- Dupl Clean
11. SDRKIT Data Conversion
12. Update F4314H SO/PO Records

Selection or command
===> _____

Tue, Nov 25, 2003                    A7314 ERP9 Migration Testing                    LH3914
4:42:48pm                            (C) J.D.Edwards & Co 1985,1996                QPADEV0001
    
```

Subcontracting Conversion

1. If you are going to run option 6 on the menu G40UY2, perform these steps:
 - Before executing the subcontract conversion, use these commands to add triggers to the F00163 file.
 - a. ADDPFTRG FILE (F00163) TRGTIME(*AFTER) TRGEVENT(*DELETE)

PGM(<XXXOBJ>/X0016C) RPLTRG(*YES)

Where `<XXXOBJ>` is the name of the object library (for example, JDFOBJ).

- b. `ADDPFTRG FILE(F00163) TRGTIME(*AFTER) TRGEVENT(*UPDATE)`
`PGM((<XXXOBJ>/X0016C) RPLTRG(*YES)`

Where `<XXXOBJ>` is the name of the object library (for example, JDFOBJ).

2. If you execute option 6 *and* option 7 on menu G40UY2, perform the following after running the job:

```
RMVPFTRG F00163
```

3. If you run option 12 (Update F4314H SO/PO Records) on menu G40UY2, perform this after running the job:

```
RMVPFTRG F00165
```

Each job has a menu message. For the Application Conversion jobs, there should be information regarding Who Should Run the Job, What the Job Needs and Why the Job Should Be Run. Read the menu messages carefully before executing the job.

Technical Conversions

Data Dictionary Compare Report (P99801)

99801		J.D. Edwards & Company				Page No. . . . 1	
System Code. . . H98		Migration Data Dictionary Comparison				Date - . . . 1/28/	
Data Item	Alpha /World File	G	Item Size	D T	FL Dc	D	
OID	Java persistent Object Ident	AS/400 OneWrld	00254 00050				
UID	UserID for using Java persis	AS/400 OneWrld	00254 00020				

99801		J.D. Edwards & Company				Page No. . . . 2	
System Code. . . 00		Migration Data Dictionary Comparison				Date - . . . 1/28/	
Data Item	Alpha /World File	G	Item Size	D T	FL Dc	D	
DL01	Description 01	AS/400 OneWrld		0			
MSGP	PPAT - Brief Message	AS/400		A			

More...

Before Running the Data Dictionary Compare Report

In order for the Data Dictionary Comparison report to provide the most useful information, you need to rebuild the Cross-Ref Index if it is not already built or is not current. To determine if the Cross-Ref Index is already built, use option 22 from menu G91. For example, you can enter *F0101* for name, *F* for type, *P* To Display. If information appears, then the Cross Reference is already built. If no information appears, you need to rebuild the Cross-Ref Index using option 6 on menu G9642.

Running the Data Dictionary Compare Report

When you are ready to run the Data Dictionary Comparison report, set the Processing Mode (third processing option) to *Y*. The report then lists any JD Edwards World files that contain the Data Dictionary item listed on the report. This report helps you determine if you need to make any changes to JD Edwards EnterpriseOne 9.1 data dictionary items.

This program looks for differences in Data Dictionary items between JD Edwards World A7.3 (F9200, F9202, F9203, F9207, and F9210 files) and JD Edwards EnterpriseOne 9.1 (F9200 and F9210 tables) where the Glossary Group is *D*, *C*, *S*, *E*, *Y*, *K*, *X*, or *H*. The program produces a report listing differences between A7.3 JD Edwards World and JD Edwards EnterpriseOne 9.1 software for Glossary Group (GG), Item Size, Data Type (Ty), File Decimals (Fl Dc) and Display Decimals (DD). If a data item is used in a JD Edwards World file, that file appears under the Alpha Description/World file column on the report.

Analyzing the Data Dictionary Comparison Report

You must analyze this report and make any changes deemed necessary to the JD Edwards EnterpriseOne 9.1 data dictionary. Here are some guidelines:

- If the DD (Display Decimal) column on the report shows a difference between JD Edwards World and JD Edwards EnterpriseOne 9.1, and a file in JD Edwards World uses that data dictionary item, change the JD Edwards EnterpriseOne 9.1 Display Decimals to the value from JD Edwards World. These must be changed prior to migrating the JD Edwards World data.

If the report is exceptionally large, this might be because there is a difference between JD Edwards World and JD Edwards EnterpriseOne 9.1 for data item QTYINV or CURRENCY. View the report in the spool file and search for these data items. To change

all data items associated with the class CURRENCY or QTYINV, the UBE R92001000 must be run. Refer to E1 solution located on My Oracle Support My Oracle Support Doc ID 626475.1, which is entitled **Procedures for Updating Display Decimals**. Once you have performed the procedure in this document, run the Data Dictionary Comparison report again. The report should be significantly shorter as these data items are tied to other data items.

The data selection for the Data Dictionary comparison report has omitted the UCRT data item from the report. The Display Decimals value is known to be different between the two systems, but the current value in JD Edwards EnterpriseOne 9.1 is correct and should not be changed.

- If the Item Size column on the report shows differences between JD Edwards World and JD Edwards EnterpriseOne 9.1, those discrepancies need to be researched. The Item Size field should not be changed in JD Edwards EnterpriseOne 9.1. You must refer to the report to determine if the field exists in a file. If the field does not exist in a file no action is necessary. If the field does exist in a file, the migration process handles the data accordingly. It is advised that you verify the data accuracy after the migration and prior to beginning normal business processes.
- If the Glossary Group column on the report shows differences between JD Edwards World and JD Edwards EnterpriseOne 9.1, do not change the JD Edwards EnterpriseOne or JD Edwards World glossary group. Differences should not cause a problem when not carried in a database file or table. These items should be reviewed to verify the data item serves the same function in JD Edwards World and JD Edwards EnterpriseOne.

For example, DTE might be D – Primary Data Elements glossary group in World and S - Secondary item in JD Edwards EnterpriseOne 9.1. Since it is a date field on both systems the difference is acceptable.

If the item is a D – Primary Data element in World and E – error in EnterpriseOne 9.1 this requires analysis to determine the impact.

- If the File Decimals column on the report shows differences between JD Edwards World and JD Edwards EnterpriseOne 9.1, the differences need to be researched. The File Decimal field should not be changed in JD Edwards EnterpriseOne 9.1. You must use the report to determine if the field exists in any file. If the field does not exist in a file, no action is necessary. If the field does exist in a file, the migration process handles the data accordingly. It is advised that you verify the accuracy of the data after the migration and prior to beginning normal business processes.

User Defined Code Merge Program (P98882)

98882 J.D. Edwards & Company FINAL Full Report Date - 1/28/04
 7.3 to ERP 9.0 User Define Mrg Page - 1
 From - DTA7389N
 To - PRODDTAS

Sys	Us Record	Description 1	Description 2	Merge
D1D	\$I	Bar Code Prefixes by Field		Record not found in OneWorld
D1D	\$T	Title Suppression by User/Dev		Record not found in OneWorld
D1D	\$V	WorldRF Control File		Record not found in OneWorld
D1D	B1	Field ID Code List for MCU		Record not found in OneWorld
D1D	CM	Scrub/Edit - Completion Code		Record not found in OneWorld
D1D	D1	Field ID Code List for Date		Record not found in OneWorld
D1D	IL	Indirect Labor Codes/Accounts		Record not found in OneWorld
D1D	I1	Field ID Code List to UITM		Record not found in OneWorld
D1D	LO	Field ID Code List for LOC		Record not found in OneWorld
D1D	PO	PO Receipt Doc Type to Version		Record not found in OneWorld
D1D	Q1	Field ID Code List for Qty		Record not found in OneWorld
D1D	SO	SO Conf. Doc Type to Version		Record not found in OneWorld
D3N	HT	Hold Types		Different code lengths identified

This program reads the User Defined Code files (F0004, F0005) in JD Edwards World and update the JD Edwards EnterpriseOne 9.1 F0005 table where records are missing. In order for the update to occur on the JD Edwards EnterpriseOne 9.1 side, the code length on the F0004 must be the same in JD Edwards World and JD Edwards EnterpriseOne 9.1. If records are added to the F0005 file in JD Edwards EnterpriseOne 9.1, and have associated text, then the text is written to the JD Edwards World F00165 file. A report is generated listing all updates and exceptions.

This program can be run in proof or final mode. If the program is run in Proof mode, a report is generated but no update occurs. If the program is run in Final mode, a report is generated and the JD Edwards EnterpriseOne 9.1 table is updated.

If you enter 1 on processing option 4, the report only prints errors, and is much shorter.

Analyzing the User Defined Code Merge Report

These messages might appear on the User Defined Code Merge report:

- “Record not found in EnterpriseOne.”
 If the User Defined Code is in the JD Edwards World F0004 file and not found in the JD Edwards EnterpriseOne 9.1 F0004 table, then this message prints and no update occurs. If you have added custom User Defined Codes you might need to add them to JD Edwards EnterpriseOne 9.1.
- “Different code lengths identified.”
 The code length field differs in the JD Edwards World F0004 file and the JD Edwards EnterpriseOne 9.1 F0004 table, and no update to the F0005 occurs. You need to review the report and determine if the values need to be added manually to the JD Edwards EnterpriseOne 9.1 F0004 table.
- “Record added to EnterpriseOne.”
 A record has been copied from the JD Edwards World F0005 file to the JD Edwards EnterpriseOne 9.1 F0005 table.

- “One or more descriptions do not match.”

In the User Defined Code file F0005 there are one or more entries that have differing descriptions in JD Edwards World and JD Edwards EnterpriseOne 9.1. You need to review the differences to determine if manual updates to JD Edwards EnterpriseOne 9.1 might be needed.

- “Text record added to F00165.”

This message indicates that text was added to the JD Edwards World F00165 (Generic Text) file. If a record is added to the F0005 table in JD Edwards EnterpriseOne 9.1 and there is associated text, that text is added to the JD Edwards World F00165 file when the update is made to the F0005 table in JD Edwards EnterpriseOne 9.1. If processing option 4 is set to 1, this message does not print on the report.

Note

The F00165 file in JD Edwards World is converted to JD Edwards EnterpriseOne 9.1 in the CPYF conversion, which is done after the Generic Text Conversion.

- “These UDC tables need to be reviewed.”

00/FP – Several fast path commands are IBM i commands, many of which are not used in JD Edwards EnterpriseOne 9.1. Please review the JD Edwards EnterpriseOne 9.1 table and delete those codes not needed.

06/DM – Make sure that the value \$ = Flat Amount is in the table.

98/IT – These values should be deleted from the table as they are not valid in JD Edwards EnterpriseOne 9.1:

F	Balance Forward A/R Update
2	Tenant A/R Invoices
I	Invoices
R	Receipts and adjustments
*	Drafts
&	Drafts

Automated Accounting Instruction Merge Program (P98885)

```

98885                J.D. Edwards & Company          PROOF                Date - 11/25/03
                   A73 to EnterpriseOne - AAI                Page - 1
                                                           From - A7314JY1D
                                                           To - E9Y1TSTDTA

Item   Seq   Sys Business  Obj   Sub                Merge
-----
AT00  00000 0012299 12      YARD 0411          Hours
                                     This is the statistical
                                     account used to record the
                                     operating hours
                                     for each equipment item.
AT0000 00000 0012200 12      Cost Summary Totals          AAI will be updated using World Info.
                                     -----
                                     AAI items AT01-AT99 define
                                     account ranges for the Cost
                                     Summary screen and report.
AT0001 00000 0012200 12      Interim Total includes amounts          AAI will be updated using World Info.
                                     for accounts prior to account
                                     number entered & greater than
                                     -----
                                     More...

```

This program is used to update the Automated Accounting Instruction (AAI) file in JD Edwards EnterpriseOne using the JD Edwards World AAI file.

If an AAI record exists in the JD Edwards EnterpriseOne file and JD Edwards World file, then information such as Business Unit, Object, Sub and Description are updated from the JD Edwards World side when the AAI merge runs.

If the AAI exists only on the JD Edwards World side, then the AAI merge adds this information to the JD Edwards EnterpriseOne file.

If the AAI exists only on the JD Edwards EnterpriseOne side, the AAI merge does nothing for that particular AAI.

The third processing option allows you to run the program in either proof mode or final mode.

Whether you select proof mode or final mode, a report is produced which shows what action was taken (final mode) or would be taken (proof mode) for each AAI.

Next Number Synchronization Program (P98883)

98883 J.D. Edwards & Company FINAL
A73 to ERP 9.0 Next Numbers

Syst	Wld	Use	Next	Merge
00	01	Batch Number	6069706	Next Number - Updated in Oneworld
	03	Question Number	37	Next Number - Updated in Oneworld
	05	Purchase Receipt	31	Record not found in Oneworld
	10		2	Record skipped - Value in NN, Use-blank
01	01	Address Number	706	Next Number - Updated in Oneworld
02	01	Serk Assignment	784	Next Number - Updated in Oneworld
	02	Used by J011123	134	Next Number - Updated in Oneworld
03	01	Invoice Number	8253	Next Number - Updated in Oneworld
	02	Unapplied Cash	9785	Next Number - Updated in Oneworld
	03	Chargeback No.	88121	Record not found in Oneworld
	04	Statement No.	5495	Record not found in Oneworld
	05	Check Number	4839	Next Number - Updated in Oneworld
	06	Draft Number	1434	Next Number - Updated in Oneworld

This program is run to merge the Next Numbers from JD Edwards World A7.3 to JD Edwards EnterpriseOne 9.1. The program reads the F0002 file in JD Edwards World and then updates the JD Edwards EnterpriseOne 9.1 file when the System, Use, Line Occurrence and Check Digit match. A report is generated listing all updates and exceptions. This program can be run in Proof or Final mode.

If the program is run in Proof Mode, the program generates a report and no update in JD Edwards EnterpriseOne 9.1 occurs. If the program is run in Final Mode, the program generates a report and records are updated in the JD Edwards EnterpriseOne 9.1 F0002 file.

Updates only occur where the Next Number is different in JD Edwards World and JD Edwards EnterpriseOne 9.1. If the Next Number is zero or one in JD Edwards World, an update does not take place and nothing will show on the report. The assumption is that the Next Number is not being used in JD Edwards World.

Analyzing the Next Number Conversion Report

These messages might appear on the Next Number conversion report:

- "Next Number – Updated in EnterpriseOne 9.1."

If the program is run in Final Mode, the Next Number field is updated in JD Edwards EnterpriseOne 9.1 with the value in the Next Number field from the JD Edwards World F0002 file. The update occurs only when the System, Use, Check Digit and Line Occurrence is an exact match between JD Edwards World and JD Edwards EnterpriseOne 9.1.

- "Different Check Digits – Not Updated."

If the program is run in Final mode, the next number field in JD Edwards EnterpriseOne 9.1 will not be updated when the Check Digit field is different between JD Edwards World and JD Edwards EnterpriseOne 9.1. You must review the record and manually update the JD Edwards EnterpriseOne 9.1 record if needed.

- “Record not found in EnterpriseOne 9.1.”
This message indicates that the record was not found in the JD Edwards EnterpriseOne 9.1 F0002 table with exactly the same System, Use, Check Digit and Line Occurrence as in JD Edwards World. It is possible that the record exists with a slightly different description (Use), requiring you to review the Next Number and perform a manual update to the JD Edwards EnterpriseOne 9.1 table if needed.
- “Record skipped – Value in NN, Use – blank.”
This message indicates that a record has been identified in the JD Edwards World F0002 file for which there is no Use (description) but a value greater than zero exists in the Next Number field. The program will skip these records. You might want to review the records and perform a manual update to the JD Edwards EnterpriseOne 9.1 table if needed.
- “Line Occurrence different – Not updated.”
This message indicates that a matching record has been found in JD Edwards World and JD Edwards EnterpriseOne 9.1 based on Use (description), but the Line Occurrence is different. You will need to review the record and perform a manual update to the JD Edwards EnterpriseOne 9.1 table if needed.

The Wld column on the report indicates what line in the Next Numbers JD Edwards World file is being reported on.

Update Generic Text Keys (P00163H01)

This program updates the generic text keys in the F00163 file for the *P069116 and *P069117 applications.

In Generic Text setup, the key PDBA is defined in the Data Dictionary as a packed field.

The F00163 file was storing the information as a character field.

The program finds all the *P069116 and *P069117 records in the F00163 file and converts the character keys to packed format so the trigger programs (X0016C and X0016D) work correctly.

Update *Account Key F00163 (P00163H02)

This program updates the generic text keys in the F00163 file for the *ACCOUNT application.

In some releases, the key for *ACCOUNT was set up incorrectly in the F00162 file. OBJ was defined as the key instead of AID. Since OBJ is defined as 6 characters and AID is defined as 8 characters, the key was truncated when information was written to the F00163 file.

This program checks to see if the F00162 file has OBJ as the key for *ACCOUNT. If so, the program changes the F00162 file to have AID as the key. Subsequently, the program identifies all *ACCOUNT records in the F00163 file and corrects them to hold the entire Account ID.

Generic Text Synchronization Program (P9816D2)

This program converts the generic text from the A7.3 JD Edwards World files listed below to the F00165 file. The F00165 file is in a JD Edwards World format but is converted later to a JD Edwards EnterpriseOne 9.1 table.

Before You Run the Generic Text Synchronization Program

Backup the F00165 file. This file might contain data from the User Defined Code Merge completed in the previous step.

Before you begin this process, it is required that you have the files listed below in the JD Edwards World data library, and *not* in the JD Edwards World common library. If any of the below files exist in the common library, use the MOVOBJ command to move the files and associated logicals from the JD Edwards World common library to the JD Edwards World data library.

File	Description
F0016	Generic Text File
F00161	Generic Text Window Definition File
F00162	Generic Text Key Definition File
F00163	Generic Text Key Index File
F00163LA	Generic Text Key Index File – LF by Key Serial Number
F00164	Generic Text Key Index File (120 character key)
F00164LA	Generic Text Key Index File – LF by Key Serial Number
F00165	Generic Text File - OneWorld
F01131	Message Header
F01132	PPAT Message Text
F4314	Sales Order/Purchasing Text Detail Lines
F4314H	Sales Order/Purchasing Text Detail Lines Header
F4802	Work Order Instructions File
F4802H	Work Order Instructions File Header
F4201	Sales Order Header File
F4211	Sales Order Detail File
F4211LA	LF – Order Number, Order Type, Key Co, Line Number
F4301	Purchase Order Header File
F4311	Purchase Order Detail File
F4311LA	LF – Order Number, Order Type, Key Co, Suffix, Line Number
F4016	Text Messages

If you have records in the F00163 file with *TYPF or *TYPF2 in the C5WAPP field, these records will not convert. You can either reenter the text and the F00164 is populated, which will then convert to the F00165 file. Or, you can wait and enter the text on the JD Edwards

EnterpriseOne side after the migration. You can use a SQL script to determine if you have *TYPF or *TYPF2 records in the F00163 file.

What the Generic Text Synchronization Program Does

- The program adds database triggers to these files:

File	Database Trigger
F00163 (F0016)	X0016C
F00164 (F0016)	X0016B
F01131	X0016A
F4314H	P4314ZX
F4802H	X0016E

- The program then populates the Generic Text Header file (F4314H) with the unique key information from the Generic Text file (F4314).
- Next, the program populates the Generic Text file F00165 in JD Edwards World through the use of the physical file trigger previously created.

The program then removes the database triggers added in Step 1 from these files:

- F00163 - Generic Text Key Index File
- F00164 - Generic Text Key Index File
- F01131 - Message Header
- F4314H - Sales Order/Purchasing Text Detail Lines
- F4802H - Work Order Instructions File Header

No report is produced for this program and therefore no action is required. This job should end normally with no joblog produced. If a joblog is produced, review the joblog and resolve the problem before rerunning the process.

Rerunning the Generic Text Synchronization Program

If an error occurs while the Generic Text Synchronization program is running, triggers will need to be removed from the F00163, F00164, F01131, F4314H, and F4802H files. Use this command to remove the triggers: `RMVPFTRG FILE(*LIBL/XXXX) TRGTIME(*ALL) TRGEVENT(*ALL)` where XXX is the file name.

The F00165 will need to be restored from the backup prior to rerunning this program.

CCSID Conversion Tool

When tables were created through JD Edwards World software, half of the alpha columns in the tables were flagged with CCSID 65535. Prior to Release 9.1, JD Edwards EnterpriseOne handled these columns with the Translate and Do Not Translate ODBC data sources. Tables in a Translate ODBC data source used IBM Client Access translation algorithms to translate data from EBCDIC to ASCII when reading from a server, and translate from ASCII to

EBCDIC when writing to the server. Processes running on the server (CallObj Kernel; UBEs) did not need to do translations as they were running in EBCDIC and the date was stored in EBCDIC.

JD Edwards EnterpriseOne 9.1 uses algorithms similar to the Client Access algorithms, provided by IBM as part of SQL on the server, to translate from the country-specific code page (for example, 37 for USA English) to Unicode. The JD Edwards EnterpriseOne code base in 9.1 is Unicode and all strings and characters must be translated to Unicode before passing them into the Release 9.1 code base. The IBM algorithms will NOT translate any columns flagged with CCSID 65535. Therefore, the CallObj Kernels and UBEs would not be able to read alpha data from these tables.

Installation

Installing the CCSID Conversion tool is the first process to converting the data. The CCSID Conversion tool Software Update is available by accessing the Update Center. The Software Update Number is CCSIDCONV.

Before Running the CCSID Conversion Tool

1. Before running the CCSID conversion tool, you need to delete all logical files in the World Data library you are going to convert. Enter the following command:

```
WRKOBJPDM LIB(CRPDTA) OBJTYPE(*FILE) OBJATR(LF)
```

Type in Option 4 on the first line. With your cursor in that option, click **F13** to copy the option throughout the list. Click **Enter**.

Some of these steps take a long time, as there are thousands of logical files in the data library.

Note

After running the CCSID Conversion Tool, the format level ID is changed on some files and some JD Edwards World programs will not function.

2. The user profile that is used to run any of these tools must be defined with the CCSID to which you plan to convert the data.

For example, if you are going to run the tool as QSECOFR, enter this command:

```
DSPUSRPRF QSECOFR
```

If the value for CCSID on the profile is *SYSVAL, show the value for QCCSID (WRKSYSVAL).

3. If necessary, enter this command to change the CCSID that QSECOFR is currently using:

```
CHGUSRPRF QSECOFR CCSID (<nn>)
```

Where <nn> is the number you plan to convert the data to (for example, CCSID (37)).

4. Sign off and then sign on again as QSECOFR.

Note

Do not log into the JD Edwards World environment. There should be no users logged into the JD Edwards World environment when running the CCSID Conversion tool.

5. Execute these commands:

```
ADDLIBLE CCSIDCONV
GO G96CCSID
```

Note

Do not try to run the CCSID conversion tool while deleting, restoring or renaming libraries. After deleting, restoring, or renaming libraries, wait for the QDBSVXR QDBSRVXR2 jobs to show 0 CPU utilization before proceeding.

Running the CCSID Conversion Tool

This tool will change the definition of the alpha columns in the tables from CCSID 65535 to the CCSID you select. It does not change data in the tables. You must have *ALLOBJ or *OBJALTER rights to all tables in the library.

1. Backup the libraries before you execute the CCSID Conversion tool.
2. Take Option 1 from the G96CCSID menu.

This option will produce a report of tables in the library that have CCSID 65535 columns. For the report, you can elect to print errors only (E) or *ALL (A). It is suggested that you print errors only.

These statuses might appear on the report:

“80”, which indicates the table has CCSID 65535 columns.

“70”, which indicates the table has CCSID 65535 columns, but the tool will not fix the columns (This could be because the table is an IBM i source file or the table was created through SQL. This process only works for tables created through DDS.)

Note

If there is going to be a delay in the JD Edwards EnterpriseOne 9.1 migration, you should run this report shortly before the migration to ensure there have been no unexpected changes, such as a restore of the library.

3. Take Option 2 from the G96CCSID menu – Alter tables in library.

The Target CCSID is the CCSID you are converting to. For Western European languages this is normally 37. If you are not sure of the Target CCSID, look at the Client Access data source jobs (QZDASOINT in subsystem QSERVER) and see what CCSID you are using. The job takes approximately ½ - 1-½ hours to run depending on the speed of the IBM i and size of the data library.

The Alter tables program will add an entry to the System Reply List:

```
943   CPA32B2   C
```

Carefully examine the report. The tables that failed are at the top of the report and have a status code of 50. The tables that completed with warnings have a status code of 40. Failures and warnings refer you to the joblog. Open the joblog and search for the table name that failed.

In the joblog for status 50, a typical error might be "Alter table may cause a loss of data in column <xxx>." For status 40, a typical error might be "CHGPF MAXMBRS(1) cannot complete because there is more than one member in the file." The CCSID tool does not convert more than the first member of a multi-member file. If you look at the tables that failed (status 50), you will see the usual cause is that the file is a "World only" file, meaning that it doesn't exist in JD Edwards EnterpriseOne and therefore its format is not compatible with SQL. If the format of the table is JD Edwards World ("I" as opposed to "F"), and the file does not exist in the JD Edwards EnterpriseOne 9.1 environment, ignore the error.

If the table is JD Edwards EnterpriseOne format you might need to use the Copy Table method to convert the CCSID values.

Repeat the above steps for every library that needs to be converted.

4. Return to the G97UY2 menu.

Note

If any files ended in error because of maxmember, and the files should be converted, then manually change maxmembers to 1, place the files in a separate library, and then run the CCSID conversion again.

Migration Business Data Copy (P98881)

```

Display Spooled File
File . . . . . : R98881
Control . . . . . : _____
Find . . . . . : _____
*...+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...8...+...9...+...
98881
J.D. Edwards & Company
Migration report - CPYF

From Lib1 - DTA7389L
To Lib1 - PRODC7LL

File      Description                                     Orig Record      Records
-----
F00021    Next Numbers by Company/FY - Automatic                21                 21
F00022    Unique Key File - Next Available Unique Key           4                  4
F0006     Cost Center Master                                   773                773
F0006D    Cost Center Master - Alternate Description            49                 49
F0008     Date Fiscal Patterns                                 37                 37
F0008B    Date Fiscal Patterns - 52 Period Accounting           5                  5
F0010     Company Constants                                    44                 44
F0011     Batch Control Records                               1,376              1,376
F0013     Currency Codes                                       58                 58
F0014     Payment Terms                                         7                  7
F00141    Advanced Payment Terms
F00142    Due Date Rule
F00143    Due Date Rules Day Range

F3=Exit  F12=Cancel  F19=Left  F20=Right  F24=More keys

```

This program copies data from the JD Edwards World files to the JD Edwards EnterpriseOne 9.1 tables using the IBM CPYF command with FMTOPT set to *MAP *DROP. The files that are copied are those that have been determined not to need special handling.

A report is produced that will print, for each file copied, the original record count from the JD Edwards World file and also the number of records actually copied. You must review the report looking for any IBM error messages that might print directly below the file description. If duplicate records are found during the CPYF process, the CPYF Conversion report will not report those errors. Instead, joblogs are produced for each file with a duplicate record issue.

Before Running the Copy File Conversion Program

You will need to review the data in the F98881 file (DSPPFM) and determine which of the libraries contain those files. If you do not have all suites (systems) installed the libraries will not contain all of the files.

Executing the Copy File Conversion Program

In most cases you will convert libraries once, assuming the setup for the environment is one common library and one data library. However, the program can be run multiple times over one or multiple libraries so that all libraries that contain any of the files in the F98881 file have this program run over them. For customers who have payroll files in a separate library, the program can be run the first time for the data and common libraries and then run a second time for the payroll library only.

Assuming you have one common library and one data library, these are the settings for the processing options:

1. a. Enter the first From Library – this is the JD Edwards World common library
 - b. Enter the first To Library – this is the JD Edwards EnterpriseOne 9.1 control file library
2. a. Enter the second From Library – this is the JD Edwards World data library
 - b. Enter the second To Library – this is the JD Edwards EnterpriseOne 9.1 data library

3. Enter an active job queue on the first line of this processing option. You must put at least one active job queue on this processing option. *If the first job queue is single threaded then at least one other job queue must be entered.* To improve the performance of this job, enter up to five active job queues on this process option.

Note

If you wish to convert only one library at a time, then processing options 1a and 1b are required. Ignore that it states "Example: common library." For example, if you wish to convert only a data library or a payroll data library (common environment set up), then processing option 1a would be the JD Edwards World data library and 1b would be the JD Edwards EnterpriseOne 9.1 data library name. Processing options 2a and 2b would be left blank.

4. After the Migration Business Data Copy finishes, you need to manually copy the F0009, F03B30 and F03B31 files using CPYF *MAP *DROP from your World file to the JD Edwards EnterpriseOne table.

What the Copy File Conversion Program Does and Reports

This program checks to see if the file listed in the F98881 file is found in the library listed in processing option 1a. If it is not found there, it looks in the library listed in processing option 2a. If the file is not found in either library, then an error prints on the report – CPF9801 Object <xxxx> in library <yyyy> (World data library) not found.

If the file is found in the JD Edwards World library listed on processing option 2a then the program looks to the library listed on the 2b processing option (JD Edwards EnterpriseOne 9.1 data library) to see if the file exists in the JD Edwards EnterpriseOne 9.1 environment. If it is not found there, the program looks at the library listed in processing option 1b (JD Edwards EnterpriseOne 9.1 control file library) to see if the file exists in that library in the JD Edwards EnterpriseOne 9.1 environment. If it is not found there either, then an error prints on the report - CPF9801 Object <xxxx> in library <yyyy> (JD Edwards EnterpriseOne 9.1 control file library) not found.

If the file is found in the JD Edwards World library listed on processing option 1a then the program looks to the library listed on the 1b processing option (JD Edwards EnterpriseOne 9.1 control file library) to see if the files exist in the JD Edwards EnterpriseOne 9.1 environment. If it is not found there, the program looks at the library listed in processing option 2b (JD Edwards EnterpriseOne 9.1 data file library) to see if the file exists in that library in the JD Edwards EnterpriseOne 9.1 environment. If it is not found there either, then an error prints on the report – CPF9801 Object <xxxx> in library <yyyy> (JD Edwards EnterpriseOne 9.1 data file library) not found.

If there is an error during the CPYF process, then an error prints on the report – CPF2972 Error writing to member <xxxx> for file<xxxx>. Only the data copied up to that point is in the JD Edwards EnterpriseOne 9.1 table (which will only be a partial set of the JD Edwards World data). Refer to the next section, Duplicate Record Joblogs, for more information.

Duplicate Record Joblogs

The Migration Database Analyzer report should have been used to identify and clean up duplicate records. If duplicate records are found during the CPYF process, the CPYF Conversion report will have an error message CPF2972 indicating that has occurred. Joblogs are produced for each file with a duplicate record issue. Use the WRKSBMJOB command to look for joblogs by file to see if any copies failed because of duplicate records. You will need

to analyze the data to identify each duplicate record. You might decide to combine the data into one record or in some cases it might be possible to change a key field to make the record unique. This option must be done with care as it could compromise the integrity of the data. When merging the data or changing the key is not an option, you must delete one of the records.

Once the duplicate records are cleaned up in the JD Edwards World file, you can use the CPYF command with MBROPT (*REPLACE) and FMTOPT (*MAP *DROP) to copy the data from the JD Edwards World file to the JD Edwards EnterpriseOne 9.1 table. If you are unable to clean up all the duplicate records in the JD Edwards World file, set the Errors allowed parameter on the CPYF command to *NOMAX, so you bring over as much data from the JD Edwards World file as possible. You can also create a new version of P98881 and change the data selection to run the CPYF program for specific files.

Working with JD Edwards EnterpriseOne Table Conversion Workbench

The Table Conversion Workbench runs the table conversions that migrate Oracle's JD Edwards World business data to the new format for Oracle's JD Edwards EnterpriseOne 9.1. It updates the Table Conversion Scheduler table (F98405) to indicate completion, and writes a conversion log record to the Table Conversion - History Log table (F984052) for each conversion.

You *must* run the table conversions, which appear in the JD Edwards EnterpriseOne 9.1 Table Conversion Workbench. If you do not own or use a particular suite (system), ignore all errors received related to those files.

Note

If you have chosen to run TCs on the Enterprise Server, these TCs will still run on the Deployment Server:

- Any TC below sequence 100
 - Any TC with the Run On Deployment Server flag turned on
-

The Data Message column is a flag that tells the TC workbench NOT to check the table to see if it is already in the target format. For other TCs, the workbench will not run the Table Conversion if the table is already converted.

Table Conversion Workbench Architecture

The Table Conversion (TC) Workbench (P9840TC) can be run using Convert All (this should always be used when migrating from JD Edwards World to JD Edwards EnterpriseOne) or Convert Selected.

Convert All runs with two loops. The outer loop keeps running until there are no more TCs to run, and there are no more TCs in a running status. The inner loop runs through the F98405 table looking for all TCs at a status less than 60. As it reads each new record, it then checks to see if there are any TCs waiting at status 35 for dependencies. It first tries to run those (checks again if their dependencies are satisfied), before trying to run the new TC that it just read.

The Technical TCs (those that are at conversion sequence < 100) run one at a time. For TCs above sequence 100, Convert All uses the maximum batch jobs specified in the Plan (4 by default), meaning it submits up to that number of TCs at once. Convert All submits 4, then loops waiting for a job to end and submits the next job. If you set the queue to a number larger than 4, only 4 are submitted at a time.

For each TC submitted, the program first checks whether the TC has dependencies and checks the status of those dependencies. If any of the dependencies are still running (status 45), the TC is changed to status 35 (waiting for dependencies).

Convert Selected can be used to submit several TCs at once and keeps looping until they are submitted. It does not keep looping until they have run. Press Find to see if they are done.

P9840TC monitors and updates F98405 (kept locally in JDEPLAN). The TCs update F984052 (kept in System – 900). At any point in time, there are records in F98405 at status 45 for TCs that actually have completed. The TC Workbench calls a business function at various points in its loop, which compares F984052 and F98405, and updates the status in F98405 to completed (60) or failed (50). If the TC Workbench fails (for example, you cancel out of it), go to P9840TC and drill down into the TCs, and press FIND. This synchronizes F98405 with F984052. The FIND button on the TC Workbench also synchronizes F98405 and F984052.

If the Enterprise Server fails while running the TC Workbench, you might have up to 4 jobs at status 45 (running), even though they might have failed. Follow the instructions in the paragraph above to get everything back into sync. If a TC actually fails altogether on the server (for example, you cancel the job) it will never get as far as updating F984052, and the process is not able to update F98405 correctly. When you press Convert Selected or Convert All, the process does not re-submit anything that is at status 45. When restarting the TC Workbench, you need to manually check whether any of the jobs at status 45 are still running, and set the status back to 30 or 50 if you want the TC Workbench to re-submit them.

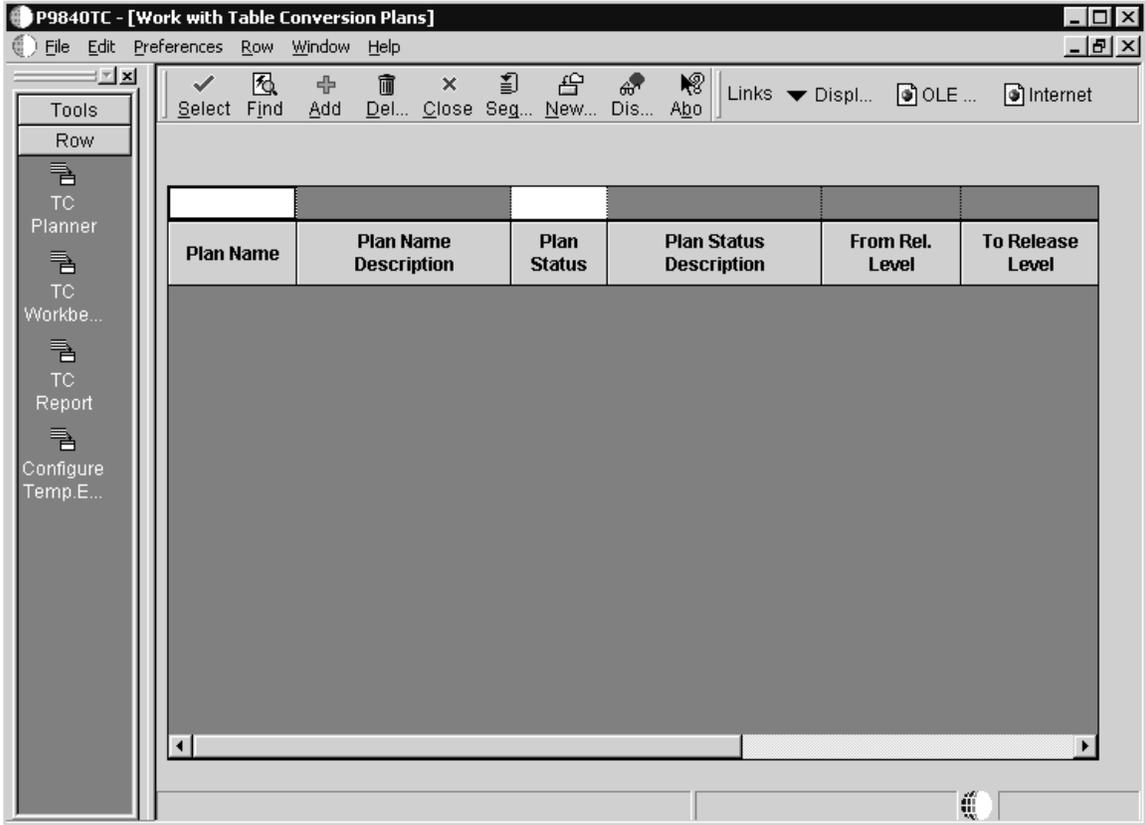
All the Table Conversions have the same job name - R98405A. When looking in the JDE.LOG for that job, there is a message stating which TC is running.

Running the Table Conversion Workbench

Personnel	CNC Administrator
Logon Status	On the Deployment Server, logged on as user JDE in the JDEPLAN environment.
Prerequisites	If running TCs on the Enterprise Server, temporary tables for migration must be created and services must be started on the Enterprise Server. The necessary changes must be made to the JDE.INI file.
Concurrent Tasks	None

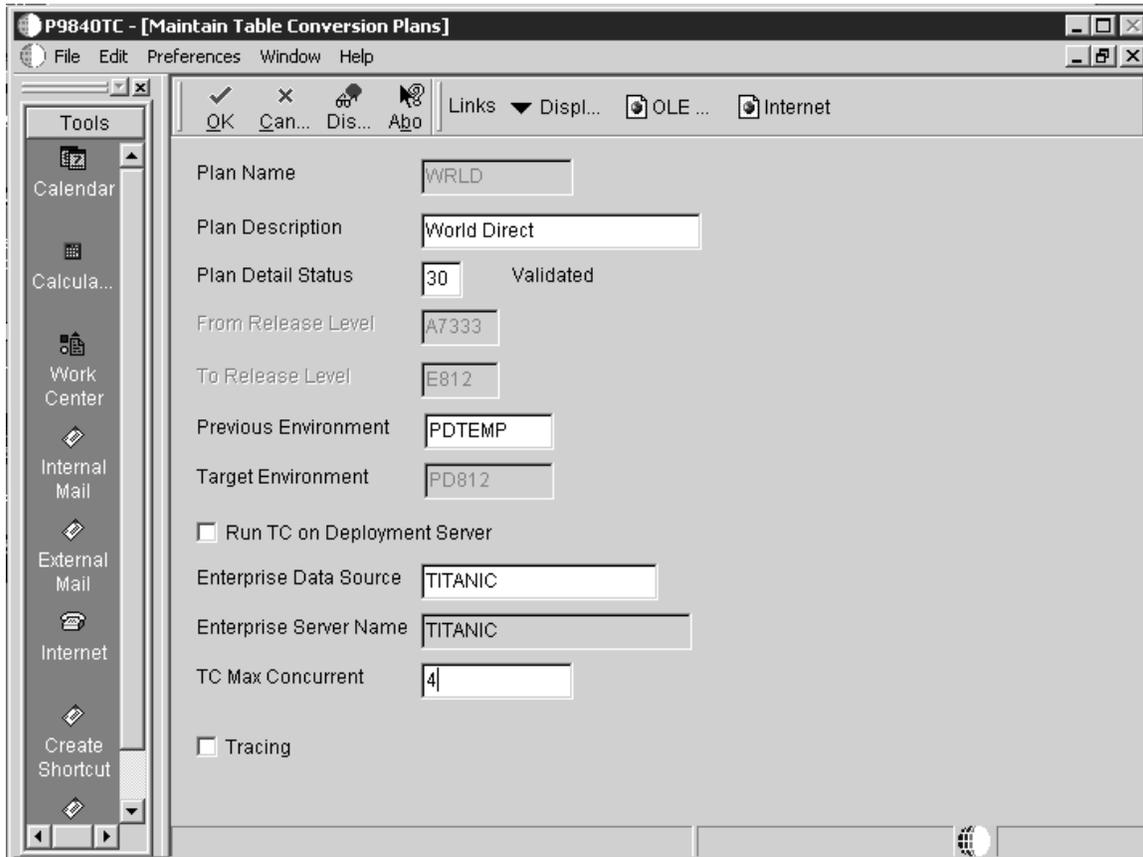
► To run the Table Conversion Workbench

- 1. Fast Path to P9840TC and click **ADD**.



Work with Table Conversion Plans form

2. On the Maintain Table Conversion Plans form, complete these field and click **OK**:



Maintain Table Conversion Plans form

Field	Value
Plan Name	Enter a name for the migration plan.
Plan Description	Enter a description for the plan.
Plan Detail Status	This should be set at a status 30.
From Release Level	A7333
To Release Level	E900
Previous Environment	Enter a name to identify the environment you are migrating. This is a temporary environment that is created over the JD Edwards World business and common data libraries. For example, DVTEMP, PYTEMP, PDTEMP, and so on.
Target Environment	Enter the name of the environment to which you are migrating data.
Run TC on Deployment Server	This option should not be selected. The workbench should submit the TCs to the Enterprise Server. Although it is not required to run table conversions on the Enterprise Server, performance might be enhanced by doing so.

	If you have a small database you might decide to the TCs on the Deployment Server. If so, select option Run TC on Deployment Server.
Enterprise Data source	Enter the Enterprise Data Source name. This is the name of the Enterprise Server.
TC Max Concurrent	Enter the TC Max Concurrent. This value should match the maximum jobs set up for the QBATCH queue on the Enterprise Server. You control how many TCs are actually running at any time by the queue setup, using WRKJOBQ. Make sure the IBM i JOBQ MAX ACT is set to match the TC Throttle that you select. Verify by using these commands: <pre>DSPSBSD QBATCH</pre> <p align="center">Option 6</p>
Tracing	This option should not be selected.

3. On the Setup DataSources/Mappings for World/CRM Migration form, complete these fields:

P9840TC - [Setup DataSources/ Mappings for World / CRM Migration]

File Edit Preferences Window Help

Tools

Calendar

Calcula...

Work Center

Internal Mail

External Mail

Internet

Create Shortcut

OK Can... Dis... Abo Links ▼ Displ... OLE ... Internet

This application sets up a Source Temporary Environment, Data Source and OCM Mappings for World or CRM Migration to EnterpriseOne. If the environment or any of the data source or mappings already exist, they will be recreated.

Plan Name: WRLD

Target Environment: PD812 E812 Production Environment

Source Environment: PDTEMP World Migration Setup Environm

Server Name: TITANIC

Data Server Name: TITANIC

Business Data Datasource: Business Data - PDTEMP

Business Data Library: CLTDTA

Control Tables Datasource: Control Tables - PDTEMP

Control Tables Library: CLTCOM

Temporary environment OCMs exist

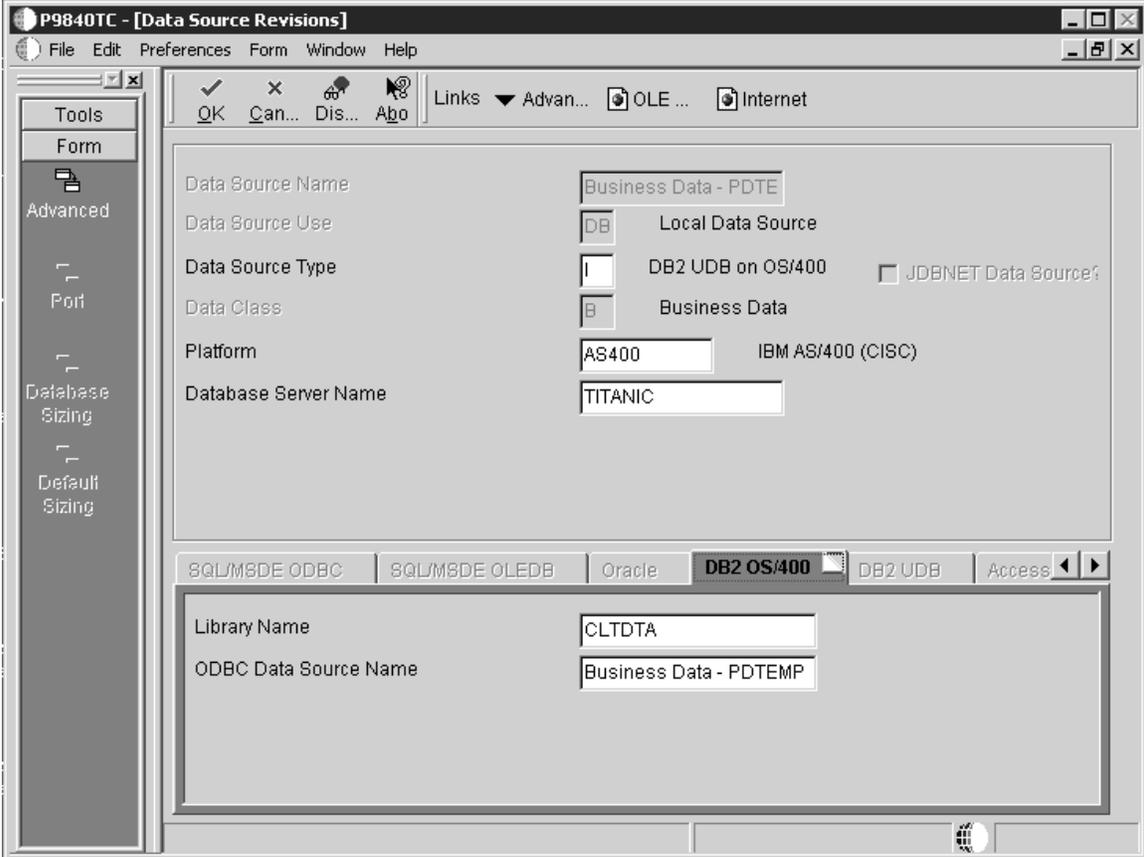
Temporary env. DS are copied to Server Map

Temporary env. OCM are copied to Server Map

Setup Data Sources/Mappings for JD Edwards World Migration form

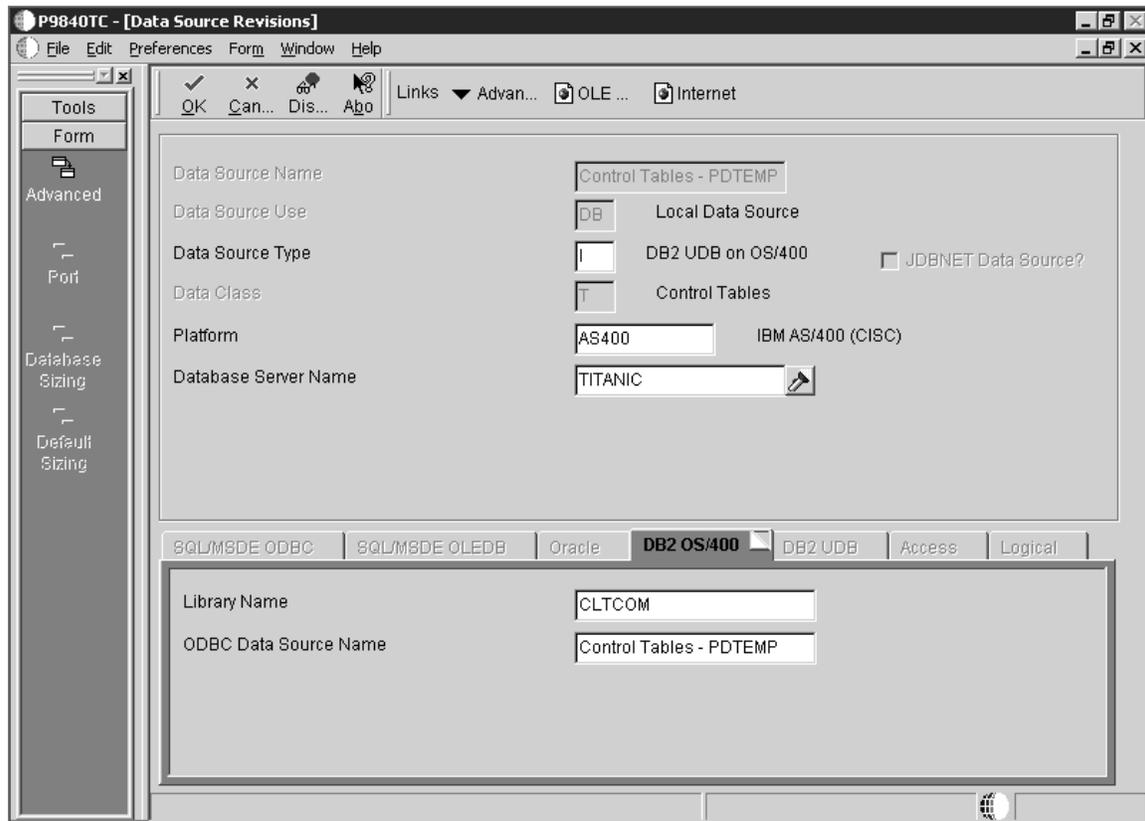
- In the Business Data Library field, enter the name of the JD Edwards World Business Data library you plan to migrate:
Business Data - <xxxxxx>
Where <xxxxxx> is the name of the temporary environment.
- In the Control Tables Library field, enter the name of the JD Edwards World Common Data library you plan to migrate:
Control Tables - <xxxxxx>
Where <xxxxxx> is the name of the temporary environment.

4. Click **OK** to access the Data Source Revisions form for Business Data.



Data Source Revisions form

5. Click **OK** to access the Data Source Revisions form for Control Tables.



The screenshot shows the 'Data Source Revisions' form in the JD Edwards EnterpriseOne environment. The window title is 'P9840TC - [Data Source Revisions]'. The form is divided into two main sections. The top section contains the following fields and values:

Data Source Name	Control Tables - PDTEMP
Data Source Use	DB Local Data Source
Data Source Type	I DB2 UDB on OS/400 <input type="checkbox"/> JDBNET Data Source?
Data Class	T Control Tables
Platform	AS400 IBM AS/400 (CISC)
Database Server Name	TITANIC

The bottom section, which is currently selected, contains the following fields and values:

Library Name	CLTCOM
ODBC Data Source Name	Control Tables - PDTEMP

The form also features a menu bar (File, Edit, Preferences, Form, Window, Help) and a toolbar with buttons for OK, Cancel, Disconnect, and Abort. A sidebar on the left contains navigation options like Tools, Form, Advanced, Port, Database Sizing, and Default Sizing. At the bottom, there is a tabbed interface with options: SQL/MSE ODBC, SQL/MSE OLEDB, Oracle, DB2 OS/400 (selected), DB2 UDB, Access, and Logical.

Data Source Revisions form

6. Click **OK** on the message dialog.



7. On the Work with Table Conversion Plans form, find and select the plan name.
8. From the Row exit, select TC Planner to review all the JD Edwards World to JD Edwards EnterpriseOne TCs in the plan.

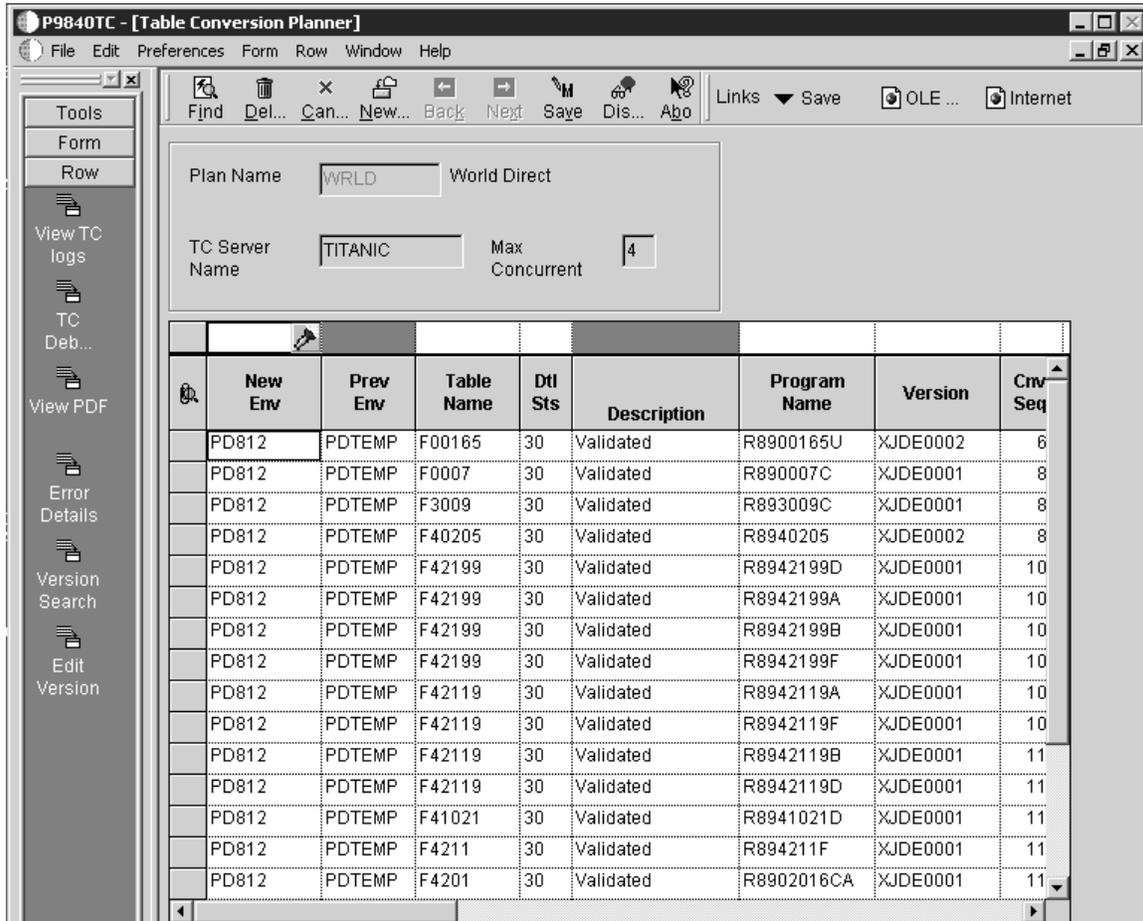
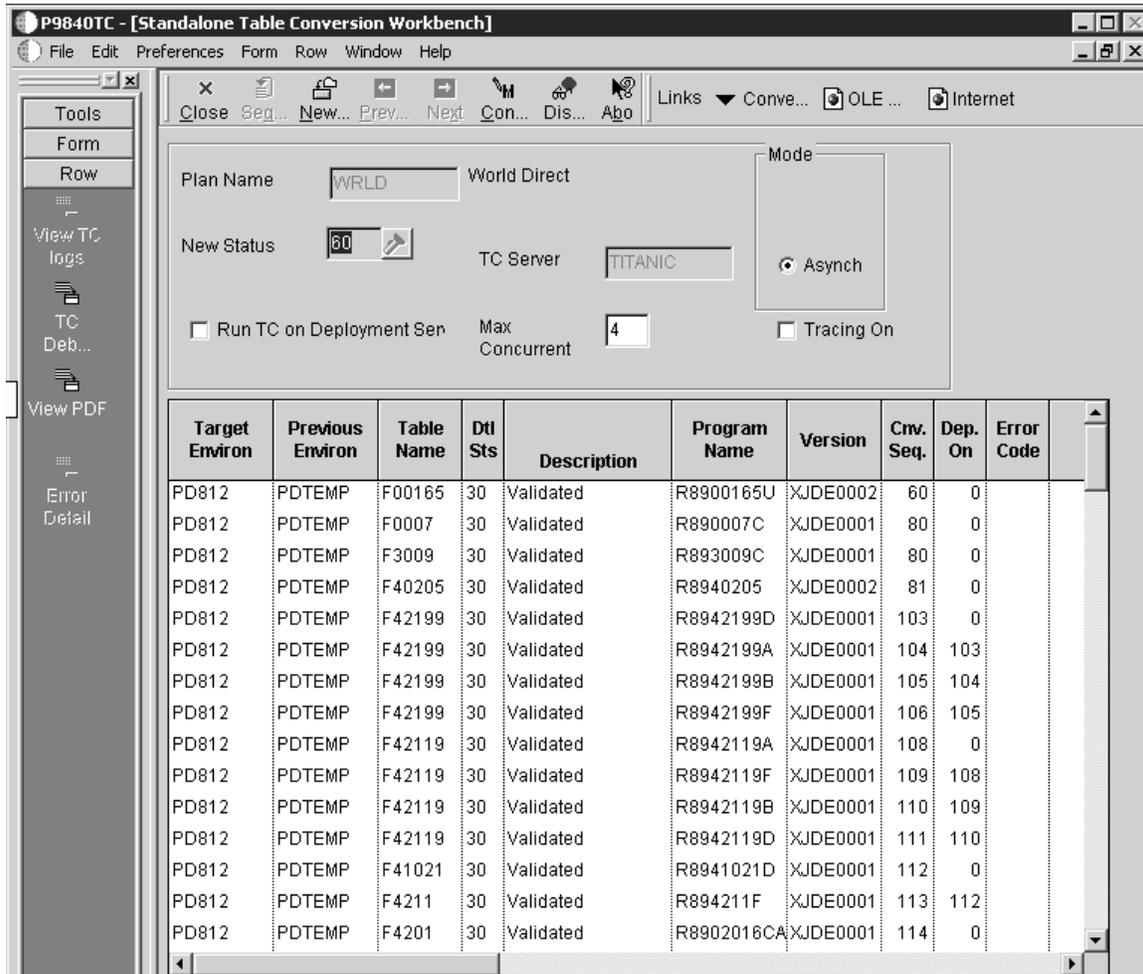


Table Conversion Planner form

9. Verify that all the Table Conversions are at status 30.
10. Click **Cancel**. This returns you to the Work with Table Conversion Plans form.

11. Select the plan name, click **Row**, and select Table Conversion Workbench:



Standalone Table Conversion Workbench form

12. From the Form menu, select Convert All.

Troubleshooting
<p>While the conversions run, you can track their progress by selecting Table Conversion\Merge Log (P984052). On the System Installation Tools menu (GH961), double-click Advanced Operation, and then Table Conversion/Merge Log. The program shows a list of conversions that have processed.</p>

Monitoring Table Conversions

Table Conversion Workbench implements a throttling mechanism to control conversions. If conversions are run on the Deployment Server, it launches one conversion at a time. If conversions are run on the Enterprise Server, it looks up the maximum number of batch jobs in the queue table and submits that many conversions at one time. Either way, technical conversions are always throttled to 1. To view the status of conversions, follow these steps:

1. Fast Path to P9840TC.
2. Click **Find**.
3. Highlight the Plan Name.
4. From the Row Exit Menu, select TC Planner.
5. Click **Find**.

From the Row exit select View TC Logs verify that the conversions are successful.

New Env	Prev Env	Table Name	Dtl Sts	Description	Program Name	Version	Cnv. Seq.	De Se
PD812	PDTEMP	F00165	60	Installed	R8900165U	XJDE0002	60	
PD812	PDTEMP	F0007	50	Failed	R890007C	XJDE0001	80	
PD812	PDTEMP	F3009	45	Running	R893009C	XJDE0001	80	
PD812	PDTEMP	F40205	45	Running	R8940205	XJDE0002	81	
PD812	PDTEMP	F42199	45	Running	R8942199D	XJDE0001	103	
PD812	PDTEMP	F42199	30	Validated	R8942199A	XJDE0001	104	10
PD812	PDTEMP	F42199	30	Validated	R8942199B	XJDE0001	105	10
PD812	PDTEMP	F42199	30	Validated	R8942199F	XJDE0001	106	10
PD812	PDTEMP	F42119	30	Validated	R8942119A	XJDE0001	108	
PD812	PDTEMP	F42119	30	Validated	R8942119F	XJDE0001	109	10
PD812	PDTEMP	F42119	30	Validated	R8942119B	XJDE0001	110	10
PD812	PDTEMP	F42119	30	Validated	R8942119D	XJDE0001	111	10

Table Conversion Planner form

Platform-Specific (Task Manager, wrkactjob, ps) utilities can also be used to monitor the conversions.

Database-Specific Queries that query unconverted tables, temp tables, converted tables, and database system tables can be helpful in monitoring conversions.

Log Files

The log files are stored in specific locations:

- On the IBM i, the naming convention is JDE_<IBM i Job Number>.LOG and JDEDEBUG_<IBM i Job Number>.LOG. The logs are stored in /JDEB900.
- On all platforms, the conversion logs are stored in the print queue directory. The naming convention is <Report>_<Version>_D<Date>_T<Time>_J<JobNumber>.log
The print queue folder is /E900SYS/PrintQueue

The JDE.INI settings for logging are shown in this example:

```
[DEBUG]
;Turn off JDEDEBUG.LOG, set to FILE to turn on JDEDEBUG.LOG
Output=NONE
;Turn on JDE.LOG, set to 0 to turn off JDE.LOG
LogErrors=1
;Do not send logging info to client, set to 1 to send logging info
to client (not recommended)
ClientLog=0

[JDENET]
;Turn off JDENET tracing. Set to 1 to turn on JDENET tracing.
netTrace=0

[TCENGINE]
;Turn on minimal table conversion tracing. Set to 0 to turn off
tracing (not recommended). Set to 10 for maximum tracing (useful for
troubleshooting).
TraceLevel=1
```

Note

If you are having problems running TCs on the server, the IBM joblog can be helpful. Set up the logging with these settings in the JDE.INI file:

- PrintUBEJoblog=TRUE
- PrintUBEJoblogOnError=TRUE

When you are finished, change the PrintUBEJoblog to FALSE.

Note

There is a possibility that there might be invalid errors in the JDE.LOG. Ignore any errors similar to “No rounding record found in table <tablename> – <datasource>.”

Stopping Table Conversions

Several steps are involved in stopping table conversions:

1. Close the Workbench.

On the Deployment Server, open Task Manager (press CTRL+ALT+DELETE and select Task Manager). Go to the Applications tab. Select Installation Workbench. Click **End Task**.

2. Delete waiting jobs from Submitted Reports (GH9011).

Enter W in the Status QBE and click Find. If any are shown, highlight all rows and delete.

All conversions should now be stopped. There are several more steps involved with cleaning up the database and resetting Table Conversion Workbench. See Restarting Workbench below.

You might decide to leave one or more table conversions running but close Installation Workbench and restart the remaining conversions. See Restarting Workbench below.

Note

Installation Workbench should not be closed if Table Conversions are running normally. Only close it if problems have occurred and conversions need to be restarted.

Restarting Workbench

1. Delete SQL packages. Do this before signing onto the software on the Deployment Server. Services must be down before deleting SQL packages.
 - a. STRPDM
 - b. Option 2
 - Library: <data library>, for example CRPDTA
 - Name: *ALL
 - Type: *SQLPKG
 - c. Option 4
 - d. Click **Enter**.
2. To rerun a conversion, reset the status of the conversion in Table Conversion Planner from 35, 45, or 50 to 30. If a conversion is still running when workbench is restarted, leave its status at 45.

Problems Submitting

If Table Conversion Workbench fails to submit a conversion to the server (for example, services are not running), it sets the conversion status to 50 and does not submit any more conversions.

F9843, F9843T

Table Conversion Schedule (GH9611) - lists all conversions that are run. They are conversion types 3, 31, and 32. Table Conversions that must run on the Deployment Server are flagged here.

This resides in System Local and System – 900

F98405

Workbench Status (GH961) - Table Conversion scheduler records, among others, are copied from F9843 to F98405 during Finalize Plan. The Workbench is driven off records in this table.

This resides in Planner – 900 data source.

F984052

History (GH9611) - Stores conversion history for table conversions. A new record is created in this table every time a conversion is launched. R98405A writes the status for a completed conversion to this table. Table Conversion Workbench polls this table for completion status and updates the status in F98405.

Resides in the System – 900 data source. The table is originally mapped to Planner – 900. It is copied to System – 900 and remapped during Release Master. The table must be in System – 900 so conversions on the Enterprise Server can communicate their completion status back to Table Conversion Workbench.

F986110

Submitted Reports (GH9011) - the software creates records in this table for conversions launched on the server. They can be viewed using Submitted Reports.

Resides in Server Map <xxxx> – 900 Server Map, where <xxxx> is the machine name.

F986130

Job Queues (GH9013) - Job Queues may be defined by the installer in the JDEPLAN environment. If any queues have been defined, they are copied to the System – 900 data source during Release Master. If no queues have been defined, Release Master creates default queues in the System – 900 data source. The Enterprise Server is mapped to the table in the System – 900 data source. Log into the DEP900 environment and open the Job Queues application to view queues.

Resides in System Local and System – 900.

Rerunning Table Conversion Programs

Personnel	CNC Administrator
Logon Status	On the Deployment Server, logged on as user JDE with the database password for user JDE, in the JDEPLAN environment
Prerequisites	None
Concurrent Tasks	None

Technical conversions can be rerun without restoration. For process type 5 only, when you run a table conversion program from Table Conversion Workbench, the following occurs:

1. All table conversions should be rerun through the Table Conversion Workbench. If the status of the conversion is 60, you might need to change it back to 30.
2. The table conversion engine uses the object map to locate the table being converted in both the From and To environments.

In the migration process from JD Edwards World to JD Edwards EnterpriseOne, application tables being converted will reside on a different data source. This creates a cross data source conversion.

The physical table on the data source should be formatted following the specifications for the previous release.

The table conversion engine creates a temporary table on this data source. Drop all temporary tables before starting the Table Conversion rerun procedure. The temporary file name has the notation *<Table>*TCTemp, for example, F03B20TCTEMP.

To find the temporary tables, enter these commands:

```
STRSQL

SELECT SYSTEM_TABLE_SCHEMA, TABLE_NAME FROM SYSTABLES WHERE
TABLE_NAME LIKE 'F%TCTEMP'

DROP TABLE PRODDTA/F0101TCTEMP
```

Do not drop temp tables for conversions still running.

Drop the F00165T in the JD Edwards World Business Data library

Enter this command to clear out tables:

```
CLR PFM PRODDTA/<table_name>
```

Clear out these tables: F40941, F40942, F40943, F0618TA, F42140A, F42150A, F42160A, F3201, F3211, F3215, F3216, F3290.

See the *Programmers Guide* for any additional instructions when rerunning Table Conversions.

3. When the table conversion engine runs an in-place table conversion, the temporary table required for the conversion could be created and never dropped. In this case, rerunning the conversion program fails when creating the temporary table because the table already exists. To resolve this, drop or rename the temporary table before rerunning the table conversion. The naming convention for temporary tables is *<table_name>*tc*<object_name>*, for example, F03B20tcR8903B20.
4. When the migration is complete and you are satisfied with the results, delete all SY = 89 tables from their data sources.

Performing Post-Migration Tasks

This section contains the manual table conversions that are required to finish the migration process if you are migrating from Oracle's JD Edwards World A7.3 releases.

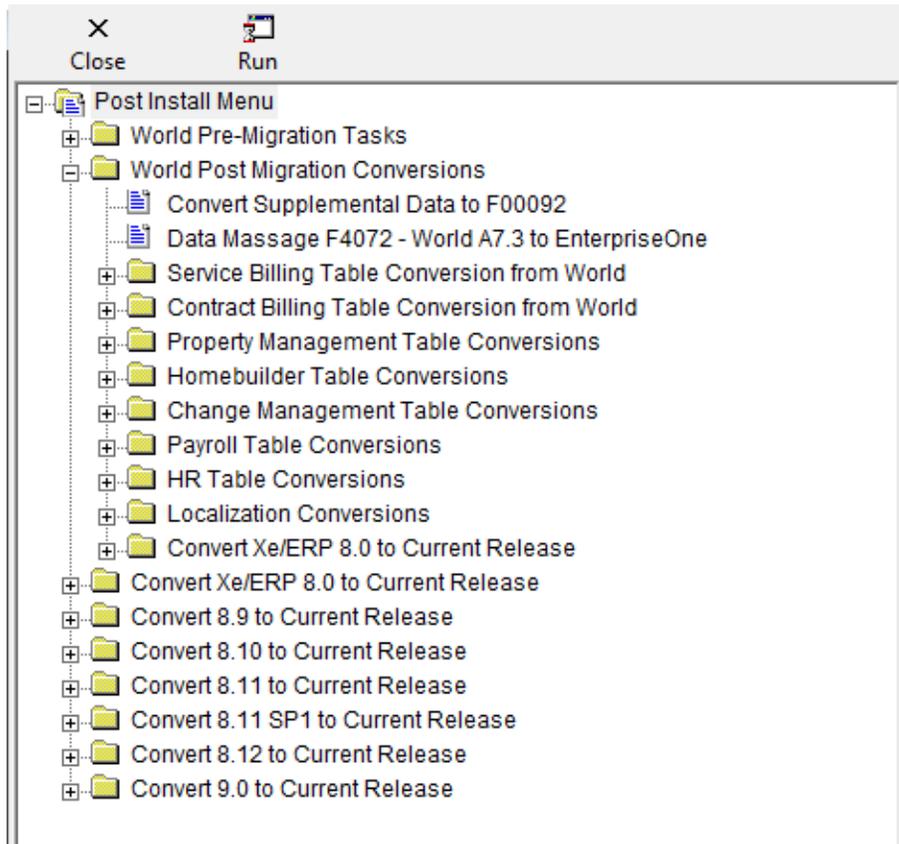
The following table lists the post migration UBEs that must be run to successfully use the previous data. Unless noted otherwise, run these conversions from a workstation in the environment to which you are migrating.

Running Post-Migration Tasks

Personnel	CNC Administrator
Logon Status	On a workstation, logged on as user JDE in the environment to which you are migrating data.
Prerequisites	Verify that Client Access ODBC data sources exist on the workstation for Business Data – <xxxx> and Control Tables – <xxxx>, where <xxxx> is the name of the temporary environment. Table Conversion Workbench completed successfully.
Concurrent Tasks	None

For Oracle's JD Edwards EnterpriseOne 9.1 release, you must Fast Path to the Post Install Menu (GH9619), select World Post Migration Conversions and run the UBEs for the applications you have installed.

This example shows the Post Install menu:



Post Install Menu (GH9619)

Important!

For all conversion programs with a Table Conversion Prompting screen, select the "properties" check box and the "prompt for location" check box.

The properties for all Conversion Programs below that are marked with * must be run with the Input Environment set to the Temporary World environment – PYTEMP and the Output Environment set to the environment you are migrating data to – PY900. All other table conversions should have Input and Output Environment set to the same environment, which is the environment to which you are migrating data, PY900.

The location for all conversion programs below that are marked with "*" must be overridden to run locally.

Do *not* run conversions more than once.

Convert Supplemental Data to F00092

Conversion Program	Run this Job	Reqs	Purpose	Notes
R96SDB731	When migrating from JD Edwards World A7.3 releases.		Converts F41092, F08092, F00692, F12092, F48092, F01090, F00690, F08090, F12090, F41090, F48090 to F00092	This TC must be completed before executing other TCs, if you use supplemental data

Data Massage F4072 – World A7.3 to EnterpriseOne

Conversion Program	Run this Job	Reqs	Purpose	Notes
R894072D	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Advanced Pricing Module.		Convert F4072 JD Edwards World To One World Format.	

Service Billing Table Conversion from World

Conversion Program	Run this Job	Reqs	Purpose	Notes
R894805*	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Service Billing Module.		Convert F4805 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R8948051*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F48051 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R8948091*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module..		Convert F48091 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R8948096*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module..		Convert F48096 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
	When migrating from JD Edwards World A7.3 releases		Convert F4812 from JD Edwards World A7.3 to JD Edwards	

Conversion Program	Run this Job	Reqs	Purpose	Notes
R894812*	and using the Service Billing Module.		EnterpriseOne	
R894812H*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F4812H from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R8948127*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F48127 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R8948128*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F48128 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R894822*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F4822 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R8948221*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F48221 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R8948520*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F48520 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R894860*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F4860 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R894861*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F4861 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R894862*	When migrating from JD Edwards World A7.3 releases and using the Service Billing Module.		Convert F4862 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	

Contract Billing Table Conversion from World

Conversion Program	Run this Job	Reqs	Purpose	Notes
R895201A*	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Contract Billing Module.		Convert F5201 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R895202A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F5202 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R895204A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F5204 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R895212A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F5212 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R895213A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F5213 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	R895213A*
R8952131A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F52131 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R895214A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F5214 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R895215A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F5215 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	
R895216A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F5216 from A7.3 to JD Edwards EnterpriseOne	
R8952161A*	When migrating from JD Edwards World A7.3 releases and using the Contract Billing Module.		Convert F52161 from JD Edwards World A7.3 to JD Edwards EnterpriseOne	

Property Management Table Conversions

Conversion Program	Run this Job	Reqs	Purpose	Notes
R891501B – Tenant Lease Master	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Property Management Module.		F1501 Conversion to F1501B and F15017 from A7.3	This TC must be completed to convert to F1501B before executing other System 15's TCs since F1501B is checked.
R891521 – Log Conversions	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1503 Conversion to F1514, F1521, F1523, F1565 from A7.3	
R89159071 – Unit Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F159071 Conversion from A7.3	
R891511B - Tenant Lease Billing Detail	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1511 Conversion from A7.3	
R891511HB - Tenant Lease Billing Detail History	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1511H Conversion from A7.3	
R8915011B – Billing Generation Control Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F15011 Conversion from A7.3	
R891502B – Recurring Billing Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1502 Conversion from A7.3	
R8915013B – Sales Overage Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F15013 Conversion from A7.3	
R8915014B – Product Sales Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F15014 Conversion from A7.3	

Performing Post-Migration Tasks

Conversion Program	Run this Job	Reqs	Purpose	Notes
R8915015B – Minimum Rent/Recoveries Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F15015 Conversion from A7.3	
R8915016B – Tenant Escalation Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F15016 Conversion from A7.3	
R8915012B – Tenant Class Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F15012 Conversion from A7.3	
R891533B – Tenant Class Account Exclusions	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1533 Conversion from A7.3	
R891538B Expense Participation Register - we	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1538 Conversion from A7.3	
R891548B – Escalation Billing Register	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1548 Conversion from A7.3	
R891505B – Management Fee Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1505 Conversion from A7.3	
R891505HB – Revenue Fee Generation History	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1505H Conversion from A7.3	
R891525B – A/R Fee and Interest Master	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1525 Conversion from A7.3	
R891513B – FASB 13 Control	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1513 Conversion from A7.3	

Conversion Program	Run this Job	Reqs	Purpose	Notes
R891540B – Sales Report Control	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1540 Conversion from A7.3	
R891541B – Tenant Sales History	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1541 Conversion from A7.3	
R891541BW – Tenant Sales History Workfile	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1541 Conversion from A7.3	
R891544B – Sales Analysis Control	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		F1544 Conversion from A7.3	
R8915CV1 – Conversion Master Audit Report	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		Property Management Conversion Master Audit Report	
R8915CV2 – Conversion Audit Detail Report	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		Property Management Conversion Audit Detail Report	
R8915CV3 – Property Management Metrics Report	When migrating from JD Edwards World A7.3 releases and using the Property Management Module.		Property Management Metrics Report	

Homebuilder Table Conversions

Prerequisites

Before converting JD Edwards World tables to JD Edwards EnterpriseOne tables, you must:

- Be on JD Edwards World A7.3 cum 12.
- Successfully install JD Edwards EnterpriseOne.
- Set up system constants in Oracle’s JD Edwards EnterpriseOne Homebuilder Management.
- Set up system activity rules in Homebuilder Management.
- Create valid values for the new UDC tables in Homebuilder Management.
- Set up area job master information and valid values in UDC 00/05.

- Successfully convert JD Edwards World contracts to the format that Oracle's JD Edwards EnterpriseOne Procurement system uses.
- Review all of the special notes for conversion.
- Sign on to the environment that you want to convert.
- Verify that the table conversion settings are set to Login Environment.
- Run the JD Edwards World to JD Edwards EnterpriseOne Subcontract conversion program.

JD Edwards World Migration

Before using Homebuilder Management, you need to set up several components. The setup of these components is builder-specific and can support the specific business needs.

When you migrate existing data from JD Edwards World to Homebuilder Management for JD Edwards EnterpriseOne, you must convert specific JD Edwards World Homebuilder tables to JD Edwards EnterpriseOne tables. To aid you in the conversion process, Homebuilder Management includes several conversion programs. The conversion programs assume that you have installed JD Edwards World version A7.3, cumulative update 12.

The conversion process uses the JD Edwards EnterpriseOne table conversion tool, and in some cases, a batch update process. For tables that are new to Homebuilder Management and that do not contain numerous records, you must manually enter data in those tables using the setup programs.

Only editable fields are mapped for conversion. If you have modified any JD Edwards World tables or modified programs to allow you to edit fields that are not editable in the standard version of JD Edwards World, you must modify the conversion programs to map those fields. The conversion programs do not remove the JD Edwards World data from the tables after the conversion. The conversions are written to allow selection at the community level (except for takeoffs, for which area is the primary key).

JD Edwards World User-Defined Code Values

Before you run the JD Edwards World to JD Edwards EnterpriseOne conversions, you should add the valid values from the JD Edwards World UDC tables to the new UDC tables in Homebuilder Management.

This table lists JD Edwards World UDCs:

UDC Table	Alias	Description
44/O1	OP01	Option Type
44/O2	OP02	Option Category Code 2
44/O3	OP03	Option Category Code 3
44/O4	OP04	Option Category Code 4
44/SC	SCS	Sales Contract Status
44/F1	FD01	Plan Status
44/F2	FD02	Future Use 3

44/F3	FD03	Future Use 4
44/F4	FD04	Future Use 5
44/F5	FD05	Future Use 6

This table lists Homebuilder Management UDCs:

UDC Table	Alias	Description
44H4/OT	OPMOT	Option Type
44H4/01	OPM01	Option Category Code 01
44H4/02	OPM02	Option Category Code 02
44H4/03	OPM03	Option Category Code 03
44H5/ST	HBSCS	Sales Contract Status
44H3/01	PLC01	Plan Category 1
44H3/02	PLC02	Plan Category 2
44H3/03	PLC03	Plan Category 3
44H3/04	PLC04	Plan Category 4
44H3/05	PLC05	Plan Category 5

R44H4459

The following menu option is a duplicate records search and must be run so that the duplicates are corrected before proceeding with Table Conversions; Option 49/G44H411 submits and creates report R44H4459 Duplicate Records Search.

Table Conversions

This table shows the tables that are converted from JD Edwards World to the JD Edwards EnterpriseOne Homebuilder Management system:

Note

All Conversion Programs marked with * must be run with the Input Environment set to the Temporary World environment – PYTEMP and the Output Environment set to the environment to which you are migrating data – PY900.

All other table conversions should have the same Input and Output Environment, the environment to which you are migrating data – PY900.

Menu Options	Conversion Program	JD Edwards World Description	JD Edwards World Tables	Homebuilder Management Description	Homebuilder Management Tables
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Performing Post-Migration Tasks

Menu Options	Conversion Program	JD Edwards World Description	JD Edwards World Tables	Homebuilder Management Description	Homebuilder Management Tables
1	R44H9302	Community Master Conversion	F0006	Community Master	F44H101
2	R44H9301*	Plan Master Conversion	F4452	Plan Master	F44H301
3	R44H9201*	Lot Master Conversion	F4453	• Lot Master • Lot Master History	• F44H201 • F44H201H
4	R44H9401*	Option Master Conversion	F4461	Option Master	F44H401
5	R44H9501*	Sales Master Conversion	F4450	• Sales Master • Lot Sales History	• F44H501 • F44H501H
6	R44H9502*	Option Selection Conversion	F4451	Option Selections	F44H511
7	R44H96002*	Supplier Assignment (Takeoff) Conversion	F4455	Vendor Assignment	F44H604
8	R44H96001	Item Master Conversion	F4101 F4102 F4105	Item Master Homebuilder Extension	F44H4101
9	R44H4459	Item Pricing Pre-Conversion Review	F4459	Material Item Pricing File	F44H4459
10	R44H96003*	Item Price Conversion	F4459	Material Item Pricing	F44H603
11	R44H96004*	Takeoff Master Conversion	F4457	Takeoff Master File	F44H602
12* * Do Not run this option	R44H96002	Supplier Assignment (Takeoff) Conversion	F4455	Vendor Assignment	F44H604
13	R44H960111	Bid Header and Detail Conversion	F4301 F4311	Bid Header	F44H601 F44H611
14	R44H9711	Create Work File Records Conversion	F4311	Create Work File Records	F44H711

Technical Considerations for Conversions

This section discusses technical details for different processes in the conversion.

Lot Master

Initially, the Lot Master Conversion program (R44H9201) creates the Lot Master table (F44H201) from the JD Edwards World Lot Master table (F4453). Subsequently, the Sales Master Conversion program (R44H9501) updates Table F44H201 with data from the JD Edwards World Lot Proceed Header table (F4450).

Sales Master

In JD Edwards World, data item LNT (Loan Type) is a free-form text field. In Homebuilder, UDC 44H/LT is associated with the LOANTYP field. The Sales Master Conversion program maps the values in the LNT field in table F4450 to the LOANTYP field in table F44H501. To prevent post-conversion validation errors, JD Edwards recommends reviewing the values in the LNT field in table F4450 for consistency and add the values to UDC table 44H/LT before running the conversion.

The Sales Master Conversion program determines the sales status based on the values entered in the processing options and the values in the House Type (HSTY) field on the table F4450 Lot Proceed record. In JD Edwards World, the values B, C, M, P, S, T, Z, and blank are hard-coded. The conversion program recognizes only these eight values. If you have added additional valid values to 44H5/HT and used those values in the Lot Proceed records, you must modify either the data or the conversion program before running the conversion.

Material Item Pricing

Before running the F44H603 Material Item Pricing Table Conversion program (R44H96003), you must revise any JD Edwards World item price data to eliminate any records that do not satisfy the unique key requirement. Run the Item Pricing Pre-Conversion Review (R44H4459) to search for unique key violations between the Material Item Pricing tables for JD Edwards World (F4459) and JD Edwards EnterpriseOne (F44H603).

This table lists the keys for the Material Item Pricing tables:

F4459 (JD Edwards World) Keys	F44H603 (JD Edwards EnterpriseOne) Keys
1. CTYC (City)	1. HBAREA (Area)
2. LITM (2 nd Item Number)	2. ITM (Short ID Number)
3. AN8 (Supplier Number)	3. AN8 (Supplier Number)
4. MCU (Subdivision)	4. HBMCUS (Community)
5. PRN (Price Revision Number)	5. CPHASE (Phase)
	6. EFFF (Effective Date)

The R44H4459 program reads all the records in table F4459 in this order:

- CTYC
- ITM
- AN8

Performing Post-Migration Tasks

- MCU
- EFFF

The report prints a list of these key values that are in the current F4459 table, as well as the Short ID Number and Effective Date values.

To avoid duplicate key errors, you should either delete all but the current records, or change the effective dates to create a unique record prior to running the F44H603 Material Item Pricing Table Conversion program (R44H96003).

Conversion Programs and Tables

Run the conversions in the order that they appear on the menu. If you do not use items and takeoffs, you do not need to run R44H96001, R44H96002 and R44H96003.

These tables are created from existing data in JD Edwards World:

Menu Option	Conversion Program	JD Edwards World Description	JD Edwards World Tables	Homebuilder Management Description	Homebuilder Management Tables
1	R44H9302	Community Master Conversion	F0006	Community Master Conversion	F44H101
14	R44H9711	Create F44H711 Workfile Records	F4301/F4311 for lot start created commitment document types.	Create Conversion Lot Start Workfile Entries	F44H711

The Item Master (F4101) table has not changed and does not require conversion from JD Edwards World.

These tables are new in the Homebuilder Management system and are not converted from JD Edwards World:

Description	Homebuilder Management Table	JD Edwards World Table	Explanation
Homebuilder Constants	F44H001	F4463	Manual setup
Vendor Assignment	F44H604	F4454	Manual setup
Homebuilder Activity Rules	F44H002	N/A	New table; manual setup
Extended Homebuilder Data Template	F44H0920	N/A	New table; manual setup

Description	Homebuilder Management Table	JD Edwards World Table	Explanation
Extended Homebuilder Data Headings	F44H0921	N/A	New table; manual setup
Extended Homebuilder Data	F44H0929	N/A	New table; manual setup
Option Relationships	F44H402	N/A	New table; manual setup
Closing Worksheet Accounting Instructions	F44H590	N/A	New table; manual setup
Closing Worksheet Entries	F44H591	N/A	New table; manual setup
Closing Worksheet Data Mapping	F44H599	N/A	New table; manual setup
After Start Purchasing	F44H711P	N/A	New table; to be used forward
Construction Milestones	F44H790	N/A	New table; populated by a third-party scheduling system

These tables in JD Edwards World are not used in the Homebuilder Management system and, therefore, are not converted:

Description	JD Edwards World Tables
Lot Proceed Detail Temporary	F4451T
Lot by Lot Tax File	F4460
Bid Master	F4464
Alternate Subdivision Maintenance	F4465
Media Object Storage	F4462
Takeoff Revisions	F4458
Lot Proceed Entry (History)	F4456

Performing Post-Migration Tasks

These conversion programs convert JD Edwards World A7.3 tables to JD Edwards EnterpriseOne tables. You must run each conversion program independently, not as a batch process.

Note

When JD Edwards World tables contain a high volume of data, the conversion programs might run for an extended time. Allow adequate time to run and verify the results of the conversion before you use the Homebuilder Management system in a production environment.

You are strongly advised to back up the database before running the conversion programs.

Change Management Table Conversions

Conversion Program	Run this Job	Reqs	Purpose	Notes
R8953101	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Change Management Module.		Convert F53001 from JD Edwards World A7.3 to F53101 in JD Edwards EnterpriseOne.	
R895301B	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Change Management Module.		Convert F5301 from JD Edwards World A7.3 to F5301B in JD Edwards EnterpriseOne.	
R895311	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Change Management Module.		Convert F5302 from JD Edwards World A7.3 to F5311 in JD Edwards EnterpriseOne.	

Payroll Table Conversions

Conversion Program	Run this Job	Reqs	Purpose	Notes
R8906107*	When migrating from JD Edwards World A7.3 releases and using Oracle's JD Edwards EnterpriseOne Payroll Module.		Convert F06107 and F0626 to F07107	
R890619A	When migrating from JD Edwards World A7.3 releases and		Table Conversion F0619 to F0719	R890619A needs to complete before running

Conversion Program	Run this Job	Reqs	Purpose	Notes
	using the Payroll Module.			R890624A
R890624A	When migrating from JD Edwards World A7.3 releases and using the Payroll Module.		Convert F0624 to F0724	R890619A needs to complete before running R890624A
R890605A*	When migrating from JD Edwards World A7.3 releases and using the Payroll Module.		Covert F0605 to F0705,	
R89069226*	When migrating from JD Edwards World A7.3 releases and using the Payroll Module.		Unemployment Insurance Rate file conversion	

HR Table Conversions

Conversion Program	Run this Job	Requirements	Purpose	Notes
R0500103	When migrating from JD Edwards World A7.3 releases.		Populate SSN in F0101, CCPR in F060116. Data massage.	
R890508093	When migrating from JD Edwards World A7.3 releases.		Copies F00092 (A73 Format – 28), F08093 to F00165. Data massage.	
R8908042*	When migrating from JD Edwards World A7.3 releases.		Doing data massage on F08042 from JD Edwards World to JD Edwards EnterpriseOne. Assign new Seq.# to avoid duplicate keys.	
R8908045*	When migrating from JD Edwards World A7.3 releases.		Duplicate Records Exception Report - F08045.	
R8908350	When migrating from JD Edwards World A7.3 releases and have data in the F08350 file.	Data must be in the F08350 file.	This table must be populated in order to use the benefit application Enrollment With Eligibility, P08334.	Populates data into the F08350B tag table. F08350B contains plan sequences for preferred order of

Performing Post-Migration Tasks

Conversion Program	Run this Job	Requirements	Purpose	Notes
				plans.
R8908351	When migrating from JD Edwards World A7.3 releases and have data in the F08351 file.	Data in the F08351 file.	This table must be populated in order to use the benefit application Enrollment With Eligibility, P08334.	Populates data into the F08351B tag table. F08351B contains category type, a code that identifies categories for DBAs that use special flex calculation plans, such as lump sum employer flex credits and employee flex deductions when remaining flex credits are negative.
R89089901B	When migrating from JD Edwards World A7.3 releases.		COBRA Initialize table for 900 - F089901	
R8908601C*	When migrating from JD Edwards World A7.3 releases	The processing option of this job should be set based on whether only World software was used to enter Health and Safety information from the source environment. A processing option value of "1" indicates that World software was used, while a processing option value of "0" or Blank indicates that World software was not used exclusively for information entry and JD Edwards EnterpriseOne applications might	This table conversion checks for and handles these scenarios: 1. Processing Option is set to 1 (Yes - only World was used to enter Health and Safety information) 2. Processing Option is set to 0 or Blank (No-World software was not used exclusively to enter Health and Safety Information	In Release 9.1, Country (CTR) and Incident Occurred on Employer's Premises (ONPRM) columns were added to F08601.

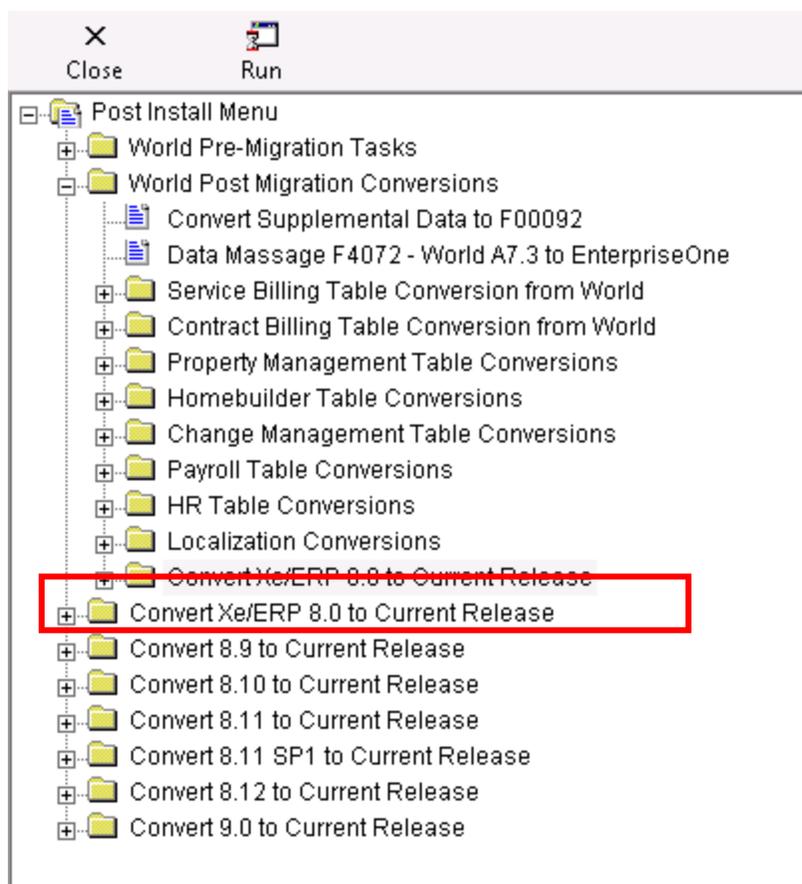
Conversion Program	Run this Job	Requirements	Purpose	Notes
		have been used to enter Health and Safety information.		
R89060117	When migrating from JD Edwards World A7.3 releases.		Populates the Employee Master tag tables (F060117 and F060120) from the F060116.	

Localization Conversions

Conversion Program	Run this Job	Requirements	Purpose	Notes
R7611B	When migrating from JD Edwards World A7.3 releases.	Requires clear understanding of the Brazil process on how to populate the F7611B table correctly.	The ICMS Tax Situation Code (BSTT) will contain incorrect values if this job is not run.	This is a data conversion UBE that converts the ICMS Tax Situation Code (BSTT) field based on an algorithm.
R897611B*	When migrating from JD Edwards World A7.3 releases have run the prerequisite R7611B once.	Requires clear understanding of the Brazil process on how to populate the F7611B table correctly.	The new ICMS Tax Situation Code (BST1) will have incorrect values if this job is not run.	Populates a new ICMS Tax Situation code field (BST1) in table F7611B with the concatenated value of Item Origin (BORI) and old ICMS Tax Situation Code (BSTT). This new BST1 field is now of size=3 as compared to size=2 for prior releases.
R897612B*	When migrating from JD Edwards World A7.3 releases.	None	Populates the new FCO field in the F7612B.	Populates the new Company Form field (FCO) in F7612B based on the Company From field (FCO in the F7601B).

Additional Post Install Tasks

Please reference Manual Table Conversions in the “JD Edwards EnterpriseOne Applications Upgrade Guide Release 9.1 IBM i with DB2/400” for information on the additional batch programs to execute from the Convert Xe/ERP 8.0 to Current Release menu. These additional tasks are contained within the World Post Migration Conversions menu as shown below and should be executed as needed to convert migrated data for use in E1 9.1..



Convert Order Type - R48803

Process Description:

Convert Document Type for existing orders by running the post install OneWorld UBE R48803.

Objects Required for Running:

R48803 – Document Type Conversion

This is not a table conversion for converting data from a prior release. This is a post-install UBE that needs to be run one time to convert Order Types for existing records. This conversion is necessary because of changes made to Document Types, based on EPM requirements. The new document type is defined in the processing options. The document type is converted for the orders selected in the data selection,.

Dependencies:

In EnterpriseOne 9.1, it is required that all Work Order Types be unique. This is set up in the Document Type Master. For example, an order type of "WO" needs to be set equal to 02 (Manufacturing Work Order). This can be set up manually using Document Type Revisions (P40040), or by running Document Type Master (F40039) Conversion (R31P40039). If there are a large number of order types to set up, the UBE might be more efficient. This should be set up once, prior to these steps.

If new Order Types are created for the conversion process, then there are two major setup pieces that need to be analyzed:

- The first is Work Order Activity rules.
Activity rules need to be created for the new order type.
- The second is Workflow.
New workflow process needs to be created (they can likely be copied from demo data) for the new order types.

Object Management Workbench (OMW) also uses F4801. When analyzing data and determining which orders to convert, be sure OMW records are not being selected for conversion.

Execution Steps:

- For R48803, run version ZDE0001
- Define the orders to be converted in the data selection

Troubleshooting:

This UBE uses transaction processing. If the process fails, the transaction rolls back for the order being processed.

There is a known issue with copying OLE objects. This conversion process copies attachments for the Order Numbers being converted, however if there are OLE objects attached they might not be copied successfully. Text attachments copy successfully.

Estimated Run Time:

During this conversion there might be a large number of tables being updated (depending on the data). Many do not have indexes and this can be a large performance hit. It is recommended that indexes be created to help the conversion run more efficiently. If running on the IBM i, it is recommended that logical files be created. Review this table for tables that need to have logical files added.

Table	Description	Key	Convert
F1217	Equipment Master Extension	RORN	RCTO
F1217Z1	Unedited Equipment Tag Transactions	RORN	RCTO
F3111Z1	Outbound Work Order Parts List	DOCO	DCTO
F3111Z2	Warranty Claim/Supplier Recovery	DOCO	DCTO
F31122Z1	Work Order Time Unedited Transactions	DOCO	DCTO
F3112Z1	Outbound Work Order Routing	DOCO	DCTO
F3112Z2	Warranty Claim/Supplier Recovery	DOCO	DCTO
F3703	Non-Conforming Material	DOCO	DCTO
F3711Z1	Test Results Unedited Transaction	DOCO	DCTO

Performing Post-Migration Tasks

Table	Description	Key	Convert
F4201	Sales Order Header	RORN	RCTO
F42019	Sales Order History	RORN	RCTO
F4201Z1	Sales Order Header Unedited Transaction	RORN	RCTO
F4211	Sales Order Detail	RORN	RCTO
F42119	Sales Order Detail History	RORN	RCTO
F4211Z1	Sales Order Detail Unedited Transaction	RORN	RCTO
F42199	SO Detail Ledger	RORN	RCTO
F42UI520	Pick Slips Header	RORN	RCTO
F42UI521	Pick Slips Detail	RORN	RCTO
F4301	Purchase Order Header	RORN	RCTO
F4301Z	PO Header Work File	RORN	RCTO
F4301Z1	Purchase Order Header Unedited Transaction	RORN	RCTO
F4311	Purchase Order Detail	RORN	RCTO
F4311Z	Purchase Order Generator File	RORN	RCTO
F4311Z1	Purchase Order Detail Unedited Transaction	RORN	RCTO
F43199	PO Detail Ledger	RORN	RCTO
F43UI50D	PO Print Detail Work File	RORN	RCTO
F43UI50H	PO Print Header Work File	RORN	RCTO
F47026	EDI P.O. Acknowledgment Header - Outbound	RORN	RCTO
F47027	EDI P.O. Acknowledgment Detail - Outbound	RORN	RCTO
F47037	EDI Shipping Notice Detail - Outbound	RORN	RCTO
F470371	EDI Shipping Notice Detail - Outbound	RORN	RCTO
F47046	EDI Invoice Header (Sales) - Outbound	RORN	RCTO
F47047	EDI Invoice Detail (Sales) - Outbound	RORN	RCTO
F47106	EDI Response to RFQ Header - Outbound	RORN	RCTO
F47107	EDI Response to RFQ Detail - Outbound	RORN	RCTO
F47146	EDI P.O. Change Acknowledgment Header - Outbound	RORN	RCTO
F47147	EDI P.O. Change Acknowledgment Detail - Outbound	RORN	RCTO

Special Considerations for Rerunning

If the UBE needs to be rerun, remember that transaction processing is being used. It is likely that not all orders need to be rerun.

Turning off JD Edwards World

The final step of the Direct Conversion process is to “turn off” Oracle’s JD Edwards World completely from the production environment. After the migration process is fully tested and all users are now running Oracle’s JD Edwards EnterpriseOne in production, JD Edwards World can be removed.

During the migration process, JD Edwards World libraries/databases were restored or created on the JD Edwards EnterpriseOne Server(s). During the direct migration process, we migrate the data out of these libraries/databases into new JD Edwards EnterpriseOne tables. These temporary databases / libraries can be backed up and removed from the system. For example, the CLTDTA and CLTCOM libraries containing UDC, Next Numbers and business data are removed.

For customers migrating, other JD Edwards World libraries can also be removed. These would include:

Library Name	Description	Examples
JDFOBJ	Compiled Programs	J01051, P4210
JDFDATA	All Files and Logicals with Demo Data	F0101, F0082, F0092
JDFSRC	Source for Compiled Objects	JDESRC, JDECPY
CLTSEC	Security Files	F0092, F0094
CLTCOM	Control Tables	F0082, F9200
CLTDTA	Business Data Files	F0101, F4211
Custom Name	Custom program, file and source libraries	N/A
JDFINS	JD Edwards World Install Libraries	Planner files
JDEINSTAL	JD Edwards World Install Libraries	Planner programs
A738078380	Migration Software Update	Trigger Programs

Also, for customers migrating on the same box, other JD Edwards World software IBM i objects could be removed. Please validate those not being used by other applications, including JD Edwards EnterpriseOne. These objects could include:

- Subsystems
- Out Queues
- Job Queues
- User Profiles
- Job Descriptions
- Printers (Writers)
- User Indexes in QGPL

- SQL Packages - DB2 stores historical SQL commands to more efficiently retrieve data. The SQL packages need to be deleted so that DB2 creates new SQL commands for the new table definition. Refer to Document ID 626568.1 on My Oracle Support.

Data Areas in QGPL

- Data queues
- Message queues