

ITEM CREATION/UPDATING/DISABLING(SCM MODULE):

1. This program is intended to provide functionality of creating/updating/disabling items. Items are entities that represent goods, materials, or services that are tracked in the system.
2. Source system provides the data in csv format
3. CSV file has a column i.e. ITEM_UPDATE will have values : Create/Update/Disable
4. Data will be uploaded from csv to staging table
5. Validation program will validate data in the staging table and loads into Oracle Item Interface table
6. Standard Import program to be run to load the data from staging table to base table for different modes : Create/Update(Disable)

List of files considered in this conversion program

SN O	File Name	Program Type	Purpose
1	XXAK_INV_MTL_ITEM_STG_T_DDL.sql	SQL	DDL Script for Staging Table
2	XXAK_COMMON_ERROR_LOG_T_DDL	SQL	DDL Script for Error Log
3	XXAK_COMMON_ERR_PKG_SPEC.sql	PLSQL Spec	Package spec
4	XXAK_COMMON_ERR_PKG_BODY.sql	PLSQL Body	Package Body-Contains the business logic to insert error/debug log into custom table
5	XXAK_INV_ITEM_IMPORT_PKG_SPEC.sql	PLSQL Spec	Package Spec
6	XXAK_INV_ITEM_IMPORT_PKG_BODY.sql	PLSQL Body	Package Body, Concurrent program to validate data in staging

			table and upload to base table
7	ItemData.csv	CSV	Data File
8	XXAK_ITEM_CONV_CTL.ctf	SQL Loader CTL File	To Load data from CSV to staging table
9	XXAK_DATA_LOADER.prog	Shell Script	To Load the data from CSV to Staging table , using control file approach and archive the file
10	XXAK_DATA_LOADER_CP.ldt	LDT	Conc Program definition for Shell Script
11	XXAK_INV_ITEM_IMPORT.ldt	LDT	Conc program definition for PLSQL

1. CREATING STAGING TABLE:

The screenshot displays the Oracle SQL Developer environment. The main window shows a SQL script in the 'Query Builder' tab. The script is as follows:

```
CREATE TABLE XXAK_INV_MTL_ITEM_STG_T_ONKAR
(
  RECORD_ID                NUMBER,
  inventory_item_id        number,
  ITEM_NUMBER              VARCHAR2(100 ),
  ORGANIZATION_CODE        VARCHAR2(50),
  organization_id          number,
  organization_name        varchar2(150),
  DESCRIPTION              VARCHAR2(1000 ),
  LONG_DESCRIPTION         VARCHAR2(2000 ),
  PRIMARY_UOM              VARCHAR2(100 ),
  ITEM_UPDATE              VARCHAR2(100 ),
  ERROR_MSG                VARCHAR2(3000 ),
  PROCESS_FLAG             VARCHAR2(50),
  LAST_UPDATED_BY         NUMBER,
  LAST_UPDATE_DATE        DATE,
  CREATION_DATE           DATE,
  CREATED_BY              NUMBER,
  LAST_UPDATE_LOGIN       NUMBER,
  REQUEST_ID              NUMBER ,
  transaction_type         VARCHAR2(100),
  int_transaction_id       number
) ;

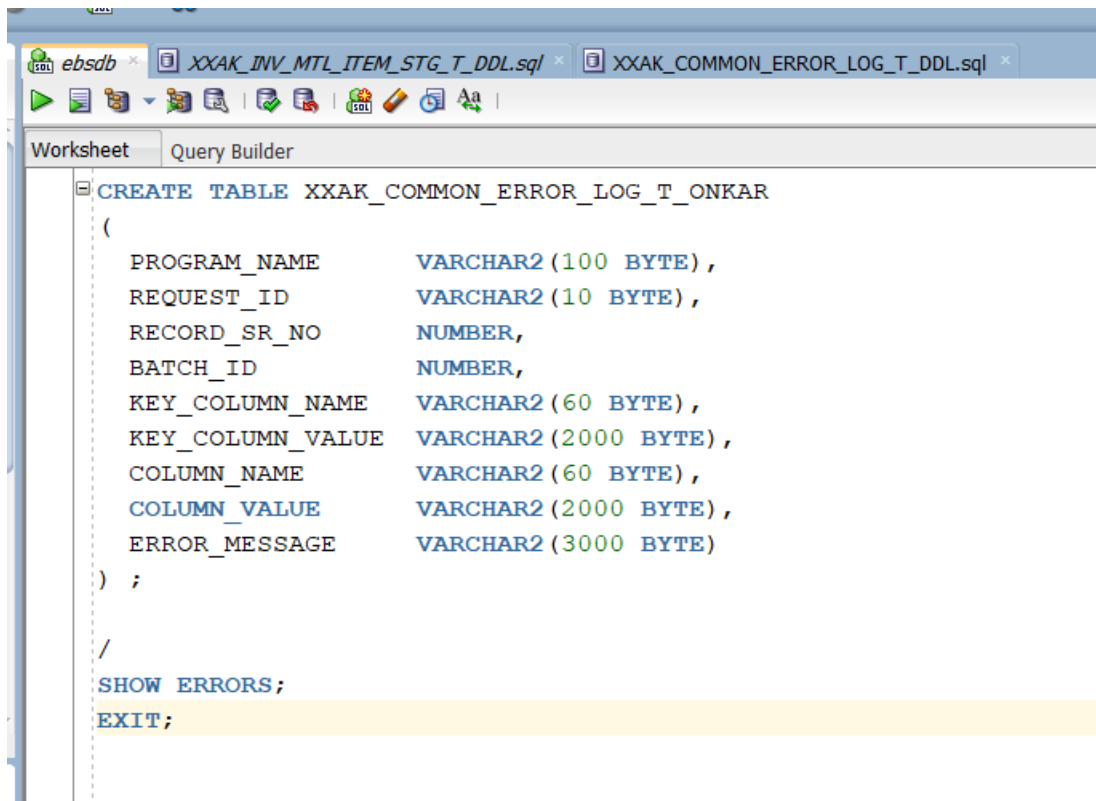
/
SHOW ERRORS;
EXIT;
```

The 'Script Output' pane at the bottom shows the following message:

```
Table XXAK_INV_MTL_ITEM_STG_T_ONKAR created.
```

Task completed in 0.041 seconds

2. CREATING ERROR LOG TABLE:



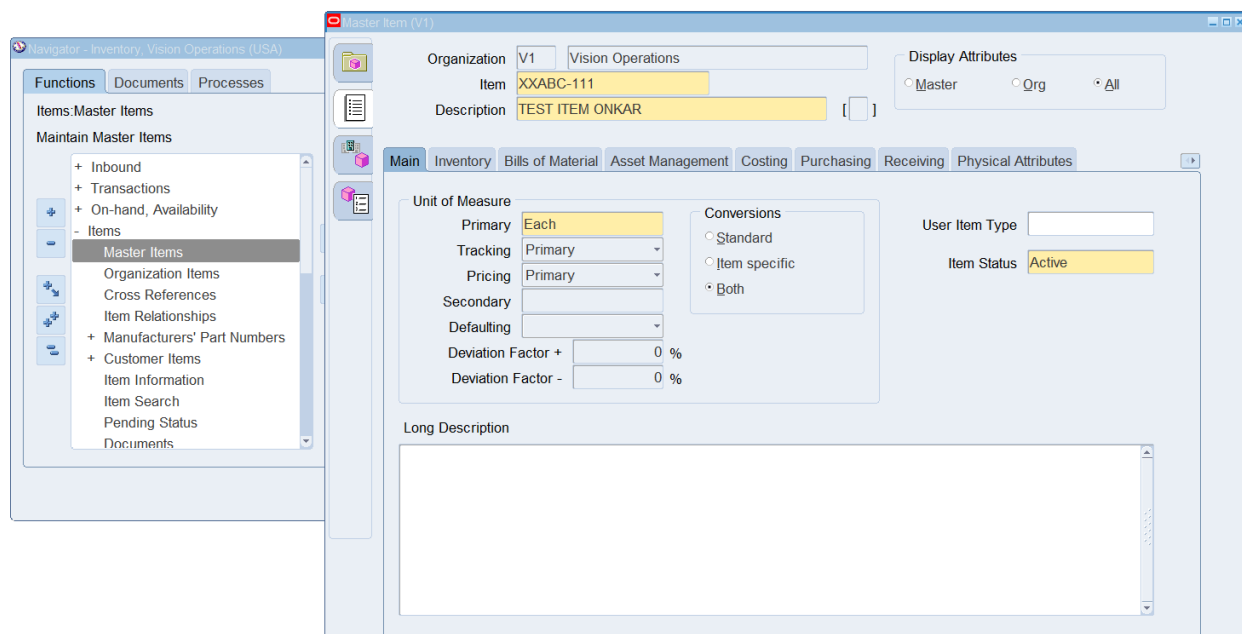
The screenshot shows the SQL Developer interface with a worksheet titled 'Query Builder'. The SQL script being edited is as follows:

```
CREATE TABLE XXAK_COMMON_ERROR_LOG_T_ONKAR
(
  PROGRAM_NAME          VARCHAR2(100 BYTE),
  REQUEST_ID            VARCHAR2(10 BYTE),
  RECORD_SR_NO          NUMBER,
  BATCH_ID              NUMBER,
  KEY_COLUMN_NAME        VARCHAR2(60 BYTE),
  KEY_COLUMN_VALUE       VARCHAR2(2000 BYTE),
  COLUMN_NAME           VARCHAR2(60 BYTE),
  COLUMN_VALUE           VARCHAR2(2000 BYTE),
  ERROR_MESSAGE          VARCHAR2(3000 BYTE)
) ;

/

SHOW ERRORS;
EXIT;
```

3. FIRST CREATING ITEM USING SEEDED LOGIC:



The screenshot displays the 'Master Item (V1)' form in the Oracle Inventory application. The form is configured for the 'V1' organization and 'Vision Operations' item, with the item number 'XXABC-111' and description 'TEST ITEM ONKAR'. The 'Unit of Measure' is set to 'Each', and the 'Item Status' is 'Active'. The 'Long Description' field is empty. The left sidebar shows the 'Maintain Master Items' menu with options like 'Inbound', 'Transactions', 'On-hand, Availability', 'Items', 'Master Items', 'Organization Items', 'Cross References', 'Item Relationships', 'Manufacturers' Part Numbers', 'Customer Items', 'Item Information', 'Item Search', 'Pending Status', and 'Documents'.

SEGMENT1 = ITEM NO, INVENTORY_ITEM_ID = P.K., ITEM CAN BE ASSIGNED TO MULTIPLE ORG.

Worksheet Query Builder

SELECT * FROM MTL_SYSTEM_ITEMS_B WHERE SEGMENT1 LIKE 'XXABC-111%'

Script Output x Query Result x

SQL | All Rows Fetched: 1 in 0.05 seconds

INVENTORY_ITEM_ID	ORGANIZATION_ID	LAST_UPDATE_DATE	LAST_UPDATED_BY	CREATION_DATE	CREATED_BY	LAST_UPDATE_LOGIN	SUMMARY_FLAG	ENABLED_FLAG	START_DATE_ACTIVE	END_DATE_ACTIVE	DESCRIPTION
1	235222	204 12-NOV-24	1014811	12-NOV-24	1014811	7339100N	Y		(null)	(null)	TEST ITEM ONKAR

INTERFACE TABLE:

Worksheet Query Builder

SELECT * FROM MTL_SYSTEM_ITEMS_INTERFACE;

Script Output x Query Result x

SQL | All Rows Fetched: 2 in 0.038 seconds

INVENTORY_ITEM_ID	ORGANIZATION_ID	LAST_UPDATE_DATE	LAST_UPDATED_BY	CREATION_DATE	CREATED_BY	LAST_UPDATE
1	63	204 12-NOV-24		-1 12-NOV-24	-1	73
2	73	204 12-NOV-24		-1 12-NOV-24	-1	73

ERROR TABLE : SELECT * FROM MTL_INTERFACE_ERRORS;

DATAFILE & CONTROL FILE:

ItemData_ONKAR.csv | XXAK_ITEM_CONV_CTL_ONKAR.ctl | XXAK_DATA_LOADER.prog

1	ITEM_NUMBER,ORGANIZATION_CODE,DESCRIPTION,PRIMARY_UOM,ITEM_UPDATE
2	f80000,Vision Operations,'Test new item desc,Ea,Update
3	xxak31,Vision Operations,'Test new item desc,Ea,Create
4	xxak32,Vision Operations,'Test new item desc,Ea,Create
5	xxak33,Vision Operations,'Test new item desc,Ea,Create
6	f12000,Vision Operations,'Test new item desc,Ea,Disable

```

1  --/*****
2  -- *
3  -- * Title : XXAK_ITEM_CONV_CTL_OS.ct1
4  -- * Program type : CTL FILE
5  -- * Description : Load data into XXAK_INV_MTL_ITEM_STG_T_ONKAR staging
6  -- * table from data file
7  -- *****/
8  OPTIONS (SKIP = 1)
9  LOAD DATA
10 TRUNCATE
11 INTO TABLE XXAK_INV_MTL_ITEM_STG_T_ONKAR
12 FIELDS TERMINATED BY ',' OPTIONALLY ENCLOSED BY '"'
13 TRAILING NULLCOLS
14 (
15
16 ITEM_NUMBER "trim(:ITEM_NUMBER)",
17 ORGANIZATION_NAME "trim(:ORGANIZATION_NAME)",
18 DESCRIPTION "trim(:DESCRIPTION)",
19 PRIMARY_UOM ,
20 ITEM_UPDATE "trim(:ITEM_UPDATE)",
21 RECORD_ID SEQUENCE (MAX,1),
22 PROCESS_FLAG CONSTANT "N",
23 CREATED_BY "fnd_global.user_id",
24 LAST_UPDATED_BY "fnd_global.user_id",
25 LAST_UPDATE_LOGIN "fnd_global.login_id",
26 CREATION_DATE SYSDATE,
27 LAST_UPDATE_DATE SYSDATE
28 )

```

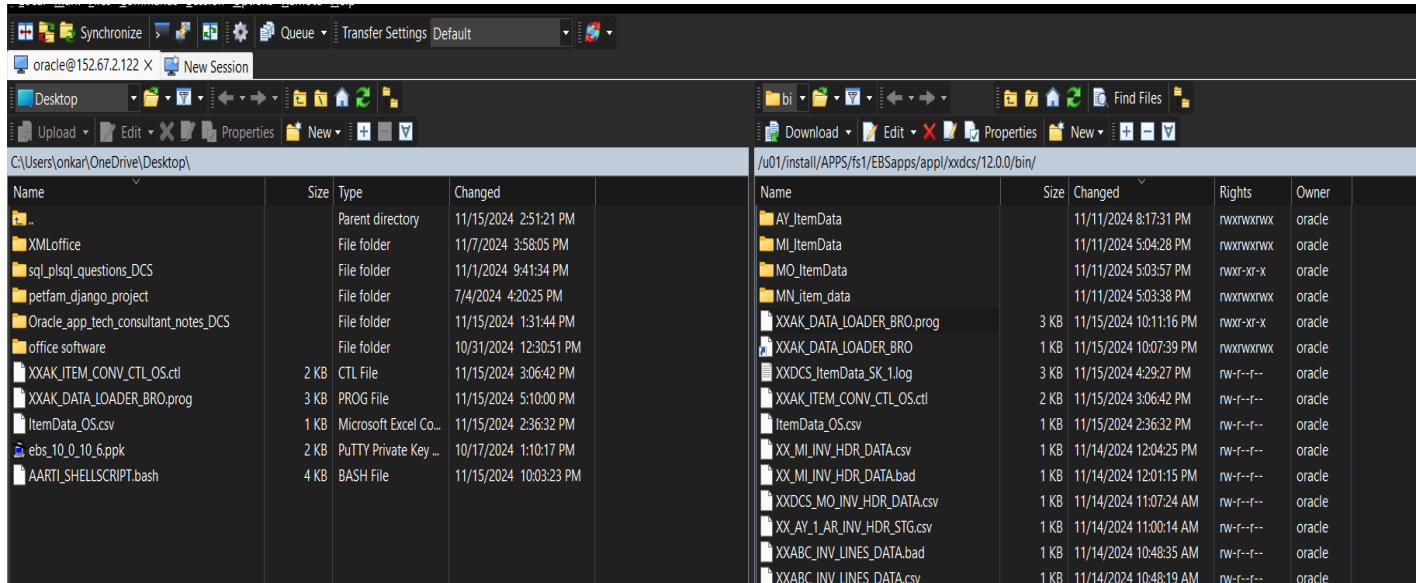
```

1  #!/bin/sh
2  echo "Starting the script"
3
4  # +-----+
5  # User Input for the driving the shell file
6  # +-----+
7
8  #USERNAME_PWD=$1
9  #USERID=$2
10 #USERNAME=$3
11 #REQUESTID=$4
12 #PIV_CSV_FILE_NAME=$5
13
14 echo "Checking PIV_SUB_MODE"
15
16
17 echo "Operation selected: Import"
18 echo "Importing data from .csv file to staging table"
19
20 #HDR_LOG_FILE_NAME=$PIV_CSV_FILE_NAME.log
21 #HDR_BAD_FILE_NAME=$PIV_CSV_FILE_NAME.bad
22 #HDR_CSV_FILE_NAME=ItemData_OS.csv
23 REPFIL=$APPLCSF/$APPLLOG/1$REQUESTID.req
24 # +-----+
25 # Printing parameters
26 # +-----+
27 echo "+-----+"
28 echo "Files for SQL Loader Process "
29 echo " "
30 #echo " CSV File :-" /u01/install/APPS/fs1/EBSapps/appl/xxdcs/12.0.0/bin/ONKAR_ITEMDATA/inbound/$HDR_CSV_FILE_NAME
31 #echo " Control :-" /u01/install/APPS/fs1/EBSapps/appl/xxdcs/12.0.0/bin/XXAK_ITEM_CONV_CTL_OS.ct1
32 #echo " Log File :-" $FND_TOP/bin/ItemData/inbound/$HDR_LOG_FILE_NAME
33 #echo " Bad File :-" $FND_TOP/bin/ItemData/inbound/$HDR_BAD_FILE_NAME
34 echo " "
35 echo "+-----+"
36 echo " "
37 echo "Executing the SQL Loader Process.."
38 echo "+-----+"
39
40 # +-----+

```

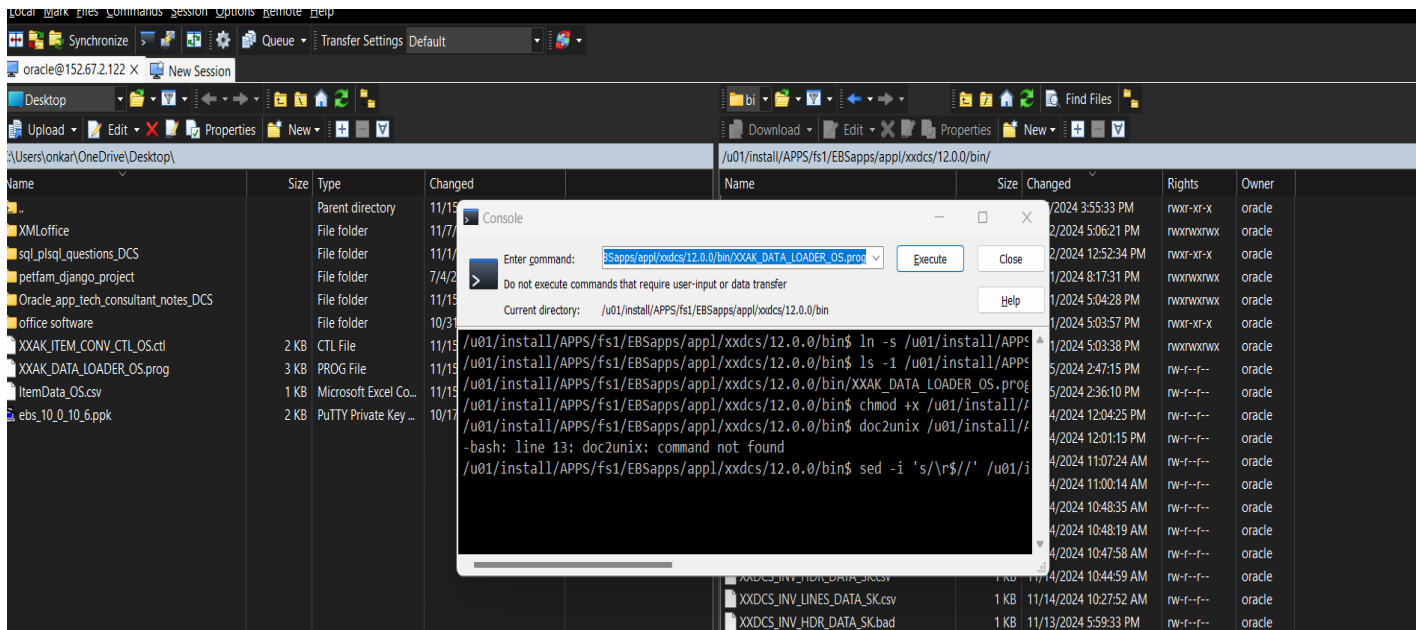
LOCAL TO SERVER:

PATH FOR .CSV FILE : /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/



Name	Size	Type	Changed
..		Parent directory	11/15/2024 2:51:21 PM
XMLOffice		File folder	11/7/2024 3:58:05 PM
sql_plsql_questions_DCS		File folder	11/1/2024 9:41:34 PM
petfam_django_project		File folder	7/4/2024 4:20:25 PM
Oracle_app_tech_consultant_notes_DCS		File folder	11/15/2024 1:31:44 PM
office software		File folder	10/31/2024 12:30:51 PM
XXAK_ITEM_CONV_CTL_OS.ctl	2 KB	CTL File	11/15/2024 3:06:42 PM
XXAK_DATA_LOADER_BRO.prog	3 KB	PROG File	11/15/2024 5:10:00 PM
ItemData_OS.csv	1 KB	Microsoft Excel Co...	11/15/2024 2:36:32 PM
ebs_10_0_10_6.ppk	2 KB	PuTTY Private Key ...	10/17/2024 1:10:17 PM
AARTI_SHELLSCRIPT.bash	4 KB	BASH File	11/15/2024 10:03:23 PM

Name	Size	Changed	Rights	Owner
AY_ItemData		11/11/2024 8:17:31 PM	rw-rw-rw-	oracle
ML_ItemData		11/11/2024 5:04:28 PM	rw-rw-rw-	oracle
MO_ItemData		11/11/2024 5:03:57 PM	rw-r--r--	oracle
MN_item_data		11/11/2024 5:03:38 PM	rw-rw-rw-	oracle
XXAK_DATA_LOADER_BRO.prog	3 KB	11/15/2024 10:11:16 PM	rw-r--r--	oracle
XXAK_DATA_LOADER_BRO	1 KB	11/15/2024 10:07:39 PM	rw-rw-rw-	oracle
XXDCS_ItemData_SK_1.log	3 KB	11/15/2024 4:29:27 PM	rw-r--r--	oracle
XXAK_ITEM_CONV_CTL_OS.ctl	2 KB	11/15/2024 3:06:42 PM	rw-r--r--	oracle
ItemData_OS.csv	1 KB	11/15/2024 2:36:32 PM	rw-r--r--	oracle
XX_ML_INV_HDR_DATA.csv	1 KB	11/15/2024 12:04:25 PM	rw-r--r--	oracle
XX_ML_INV_HDR_DATA.bad	1 KB	11/14/2024 12:01:15 PM	rw-r--r--	oracle
XXDCS_MO_INV_HDR_DATA.csv	1 KB	11/14/2024 11:07:24 AM	rw-r--r--	oracle
XX_AY_1_AR_INV_HDR_STG.csv	1 KB	11/14/2024 11:00:14 AM	rw-r--r--	oracle
XXABC_INV_LINES_DATA.bad	1 KB	11/14/2024 10:48:35 AM	rw-r--r--	oracle
XXABC_INV_LINES_DATA.csv	1 KB	11/14/2024 10:48:19 AM	rw-r--r--	oracle



Name	Size	Type	Changed
..		Parent directory	11/15/2024 2:51:21 PM
XMLOffice		File folder	11/7/2024 3:58:05 PM
sql_plsql_questions_DCS		File folder	11/1/2024 9:41:34 PM
petfam_django_project		File folder	7/4/2024 4:20:25 PM
Oracle_app_tech_consultant_notes_DCS		File folder	11/15/2024 1:31:44 PM
office software		File folder	10/31/2024 12:30:51 PM
XXAK_ITEM_CONV_CTL_OS.ctl	2 KB	CTL File	11/15/2024 3:06:42 PM
XXAK_DATA_LOADER_BRO.prog	3 KB	PROG File	11/15/2024 5:10:00 PM
ItemData_OS.csv	1 KB	Microsoft Excel Co...	11/15/2024 2:36:32 PM
ebs_10_0_10_6.ppk	2 KB	PuTTY Private Key ...	10/17/2024 1:10:17 PM

Name	Size	Changed	Rights	Owner
AY_ItemData		11/11/2024 8:17:31 PM	rw-rw-rw-	oracle
ML_ItemData		11/11/2024 5:04:28 PM	rw-rw-rw-	oracle
MO_ItemData		11/11/2024 5:03:57 PM	rw-r--r--	oracle
MN_item_data		11/11/2024 5:03:38 PM	rw-rw-rw-	oracle
XXAK_DATA_LOADER_BRO.prog	3 KB	11/15/2024 10:11:16 PM	rw-r--r--	oracle
XXAK_DATA_LOADER_BRO	1 KB	11/15/2024 10:07:39 PM	rw-rw-rw-	oracle
XXDCS_ItemData_SK_1.log	3 KB	11/15/2024 4:29:27 PM	rw-r--r--	oracle
XXAK_ITEM_CONV_CTL_OS.ctl	2 KB	11/15/2024 3:06:42 PM	rw-r--r--	oracle
ItemData_OS.csv	1 KB	11/15/2024 2:36:32 PM	rw-r--r--	oracle
XX_ML_INV_HDR_DATA.csv	1 KB	11/15/2024 12:04:25 PM	rw-r--r--	oracle
XX_ML_INV_HDR_DATA.bad	1 KB	11/14/2024 12:01:15 PM	rw-r--r--	oracle
XXDCS_MO_INV_HDR_DATA.csv	1 KB	11/14/2024 11:07:24 AM	rw-r--r--	oracle
XX_AY_1_AR_INV_HDR_STG.csv	1 KB	11/14/2024 11:00:14 AM	rw-r--r--	oracle
XXABC_INV_LINES_DATA.bad	1 KB	11/14/2024 10:48:35 AM	rw-r--r--	oracle
XXABC_INV_LINES_DATA.csv	1 KB	11/14/2024 10:48:19 AM	rw-r--r--	oracle


```
Enter command: /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/XXAK_DATA_LOADER_OS.prog
Do not execute commands that require user-input or data transfer
Current directory: /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin
/u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin$ ln -s /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/ /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/
/u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin$ ls -l /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/XXAK_DATA_LOADER_OS.prog
-rw-r--r-- 1 oracle oracle 30642 Nov 15 11:15 /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/XXAK_DATA_LOADER_OS.prog
/u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin$ chmod +x /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/XXAK_DATA_LOADER_OS.prog
-u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin$ doc2unix /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/XXAK_DATA_LOADER_OS.prog
-bash: line 13: doc2unix: command not found
/u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin$ sed -i 's/\r$//' /u01/install/APPS/fs1/EBsapps/appl/xxdcs/12.0.0/bin/XXAK_DATA_LOADER_OS.prog
```

Navigator - system administrator

Functions Documents

Oracle Applications Manager:

Oracle Applications Manager Administrator Menu

- + Oracle Applications Manager
- + Concurrent
- + Profile
- + Application
- + Install
- + Requests
- + Workflow
- + AK
- Define Profile Options
- + Security
- + Generic File Manager
- + System Administration
- Forms Personalization

Top Ten List

1. Concurrent Pr

Concurrent Program Executable

Executable: XXAK_DATA_LOADER_BRO

Short Name: XXAK_DATA_LOADER_BRO

Application: xxdcs custom app

Description:

Execution Method: Host

Execution File Name: XXAK_DATA_LOADER_BRO

Subroutine Name:

Execution File Path:

Stage Function Parameters

Concurrent Programs

Program: XXAK_DATA_LOADER_BRO_CONC ☒ Enabled

Short Name: XXAK_DATA_LOADER_BRO_CONC

Application: xxdcs custom app

Description:

Executable

Name: XXAK_DATA_LOADER_BRO

Method: Host

Options:

Priority:

Request

Type:

Incrementor:

MLS Function:

Operating Unit Mode:

Restart Mode: Restartable

☐ Allow Disabled Values ☒ Use in SRS

☒ NLS Compliant ☐ Enable Trace

☐ Recalculate Default Parameters ☐ Run Alone

Output

Format: Text

☒ Save (C) ☒ Print

Columns:

Rows:

Style:

☐ Style Required

Printer:

Propagation Of Options to Children

Security

☐ Disable URL Security

Request Groups

Group: ONKAR_REQUEST_G

Application: xxdc custom app

Code:

Description:

Requests

Type	Name	Application
Program	XXAK_DATA_LOADER_OS_CONC	xxdc custom app
Program	XXAK_DATA_LOADER_OS	xxdc custom app
Program	XXAK_DATA_LOADER_BRO_CONC	xxdc custom app

Description:

NOW ADD THIS REQUEST GROUP TO YOUR CUSTOM RESP. I.E. (O_RESPONSIBILITY):

Responsibilities

Responsibility Name: o_responsibility

Application: Application Object Library

Responsibility Key: O_RESPONSIBILITY

Description:

Effective Dates

From: 15-OCT-2024

To:

Available From

- ☒ Oracle Applications
- ☐ Oracle Self Service Web Applications
- ☐ Oracle Mobile Applications

Data Group

Name: Standard

Application: xxdc custom app

Request Group

Name: ONKAR_REQUEST_G

Application: xxdc custom app

Menu: o_menu

Web Host Name:

Web Agent Name:

NOW RUN THE REQUEST FROM O_RESP:

Submit Request

Run this Request

Copy

Name: XXAK_DATA_LOADER_BRO_CONC

Operating Unit:

Parameters:

Language: American English

Language Settings Debug Options

NOW OUR STAGING TABLE WILL BE POPULATED.

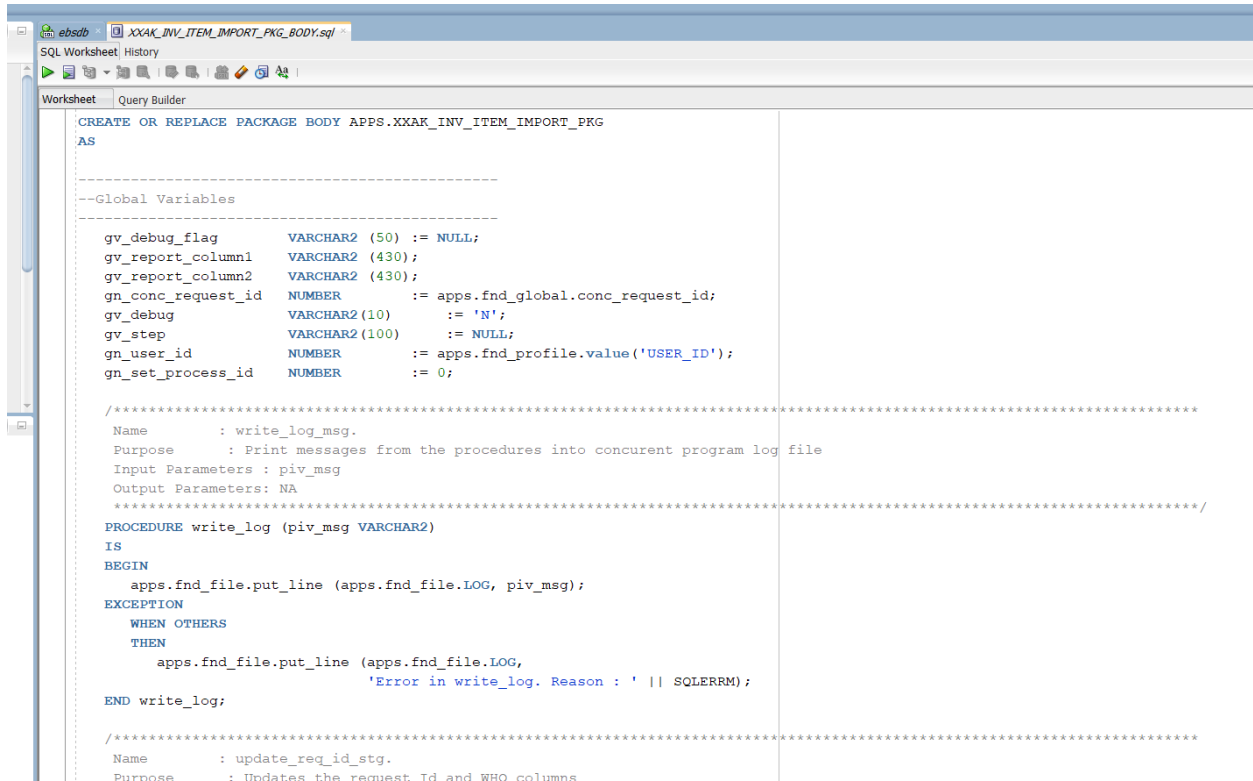
XXAK_INV_MTL_ITEM_STG_T_ONKAR;

RECORD_ID	INVENTORY_ITEM_ID	ITEM_NUMBER	ORGANIZATION_CODE	ORGANIZATION_ID	ORGANIZATION_NAME	DESCRIPTION	LONG_DESCRIPTION	PRIMARY_UOM	ITEM_UPDATE	ERROR_MSG	PROCESS_FLAG	LAST_UPDATED_BY	LAST_UPDATE_DATE
1	1	(null) f80000	(null)	(null)	Vision Operations	'Test new item desc	(null)	Ea	Update	(null)	N		-111-NOV-24
2	2	(null) xxak31	(null)	(null)	Vision Operations	'Test new item desc	(null)	Ea	Create	(null)	N		-111-NOV-24
3	3	(null) xxak32	(null)	(null)	Vision Operations	'Test new item desc	(null)	Ea	Create	(null)	N		-111-NOV-24
4	4	(null) xxak33	(null)	(null)	Vision Operations	'Test new item desc	(null)	Ea	Create	(null)	N		-111-NOV-24
5	5	(null) f12000	(null)	(null)	Vision Operations	'Test new item desc	(null)	Ea	Disable	(null)	N		-111-NOV-24

we load data from the interface table to the base table in Item Master instead of directly from the staging table for the following key reasons:

1. **Data Validation:** The interface table ensures that data is validated against business rules before it enters the base table, reducing errors and ensuring data integrity.
2. **Error Handling:** If there are issues with the data, the interface table allows us to catch and correct them before impacting the core system.
3. **Business Logic:** The interface table triggers necessary processes in EBS, such as validation and integration with other modules (e.g., Inventory, Purchasing), ensuring data consistency.
4. **Audit and Tracking:** The interface table provides a clear audit trail of the data load process, helping to monitor, track, and troubleshoot any issues.
5. **Safe Data Migration:** It acts as a buffer zone, allowing controlled, staged loading of data into the system, minimizing risk to live production data.

4. CREATE PACKAGE TO IMPORT DATA FROM STAGING TABLE TO INTERFACE TABLE AND THEN LOAD BASE TABLE

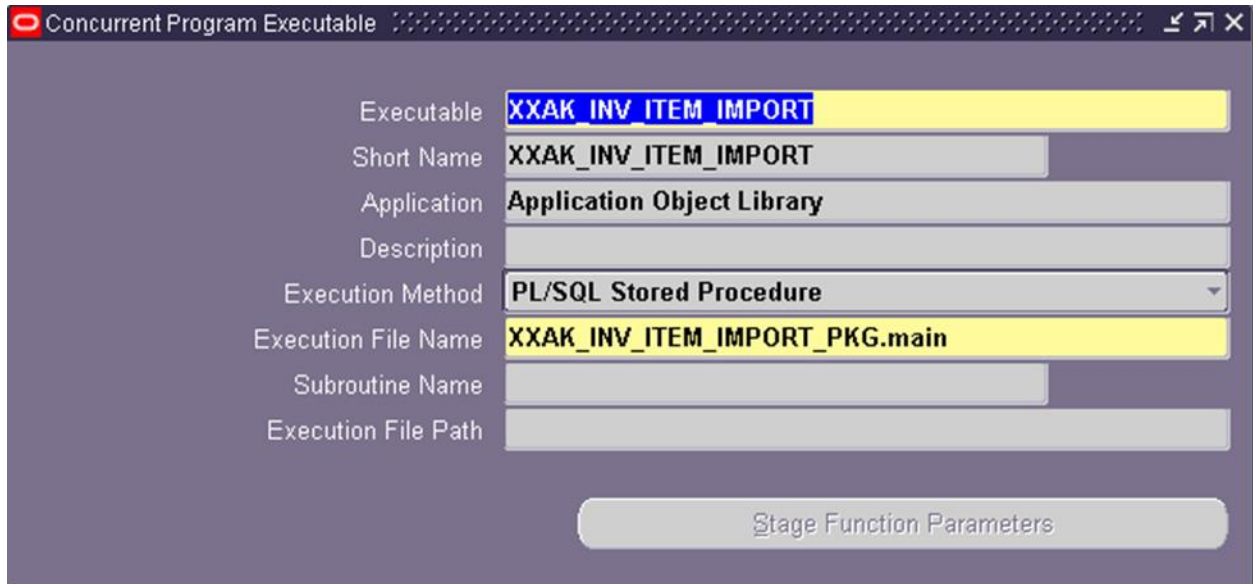


```
CREATE OR REPLACE PACKAGE BODY APPS.XXAK_INV_ITEM_IMPORT_PKG
AS
-----
--Global Variables
-----
gv_debug_flag          VARCHAR2 (50) := NULL;
gv_report_column1      VARCHAR2 (430);
gv_report_column2      VARCHAR2 (430);
gn_conc_request_id     NUMBER       := apps.fnd_global.conc_request_id;
gv_debug              VARCHAR2 (10)  := 'N';
gv_step                VARCHAR2 (100) := NULL;
gn_user_id             NUMBER       := apps.fnd_profile.value('USER_ID');
gn_set_process_id      NUMBER       := 0;

/*****
Name      : write_log_msg.
Purpose   : Print messages from the procedures into concurrent program log file
Input Parameters : piv_msg
Output Parameters: NA
*****/
PROCEDURE write_log (piv_msg VARCHAR2)
IS
BEGIN
    apps.fnd_file.put_line (apps.fnd_file.LOG, piv_msg);
EXCEPTION
    WHEN OTHERS
    THEN
        apps.fnd_file.put_line (apps.fnd_file.LOG,
                                'Error in write_log. Reason : ' || SQLERRM);
END write_log;

/*****
Name      : update_req_id_stg.
Purpose   : Updates the request Id and WHO columns
*****/
```

5.CREATE THE PROGRAM FOR PLSQL STORED PROCEDURE:



Executable	XXAK INV ITEM IMPORT
Short Name	XXAK_INV_ITEM_IMPORT
Application	Application Object Library
Description	
Execution Method	PL/SQL Stored Procedure
Execution File Name	XXAK_INV_ITEM_IMPORT_PKG.main
Subroutine Name	
Execution File Path	

Stage Function Parameters

Concurrent Programs

Program **XXAK Inv Item Import** ☒ Enabled

Short Name **XXAK_INV_ITEM_IMPORT**

Application **Application Object Library**

Description

Executable

Name **XXAK_INV_ITEM_IMPORT** Options

Method **PL/SQL Stored Procedure**

Request

Type

Incrementor

MLS Function

☒ Use in SRS ☐ Allow Disabled Values

☐ Run Alone ☒ Restart on System Failure

☐ Enable Trace ☒ NLS Compliant

Output

Format **Text**

☒ Save (S)

☒ Print

Columns

Rows

Style

☐ Style Required

Printer

Business Events

☐ Request Submitted (Y) ☐ Request Running ☐ Post Processing Ended

☐ Request On Hold ☐ Program Completed ☐ Request Completed (Z)

☐ Request Resumed ☐ Post Processing Started

Copy to... Session Control Incompatibilities Parameters

6. RUN THE PLSQL PROGRAM:

It will invoke the programs for creating and updating the data.

Submit Request

Run this Request...

Name: **XXAK Inv Item Import**

Operating Unit:

Parameters:

Language: **American English**

Language Settings... Debug Options

At these Times...

Run the Job: **As Soon as Possible**

Upon Completion...

☒ Save all Output Files

Layout:

Notify:

Print to: **noprint**

Help (C) Submit Cancel

Parameters

Select Org Name: **Vision Operations**

Debug Mode: **Yes**

OK Cancel Clear Help

+ Kanban

Requests

Refresh Data Find Requests Submit a New Request...

Request ID	Name	Parent	Phase	Status	Parameters
5864146	Import Items		Completed	Normal	204, 2, 1, 1, 2, , 2
5864145	Import Items		Completed	Normal	204, 2, 1, 1, 2, , 1
5864144	XXAK Inv Item Import		Completed	Normal	Vision Operations, Y
5864143	XXAK Item Data Loader		Completed	Normal	ItemData

Validating data in item master table(check 'Item status' as we disabled it in .csv file):

Master Item (V1)

Organization: V1 Vision Operations

Item: f12000

Description: Test new item desc

Display Attributes: Master (selected), Org, All

Main | Inventory | Bills of Material | Asset Management | Costing | Purchasing | Receiving | Physical Attributes

Unit of Measure:

- Primary: Each
- Tracking: Primary
- Pricing: Primary
- Secondary:
- Defaulting:
- Deviation Factor +: 0 %
- Deviation Factor -: 0 %

Conversions:

- Standard
- Item specific
- Both (selected)

User Item Type: Purchased item

Item Status: Inactive

Long Description:

WE HAVE UPDATED DESCRIPTION FOR 'f80000' ITEM VIA .CSV FILE:

Master Item (V1)

Organization: V1 Vision Operations

Item: f80000

Description: Test new item desc

Display Attributes: Master (selected), Org, All

Main | Inventory | Bills of Material | Asset Management | Costing | Purchasing | Receiving | Physical Attributes

Unit of Measure:

- Primary: Each
- Tracking: Primary
- Pricing: Primary
- Secondary:
- Defaulting:
- Deviation Factor +: 0 %
- Deviation Factor -: 0 %

Conversions:

- Standard
- Item specific
- Both (selected)

User Item Type: Inventory Type

Item Status: Active

Long Description:

WE HAVE CREATED NEW ITEM 'XXAK32' VIA .CSV:

Master Item (V1)

Organization: V1 Vision Operations

Item: xxak32

Description: Test new item desc

Display Attributes: ☒ Master ☐ Org ☐ All

Main Inventory Bills of Material Asset Management Costing Purchasing Receiving Physical Attributes

Unit of Measure:

Primary: Each

Tracking: Primary

Pricing: Primary

Secondary:

Defaulting:

Deviation Factor +: 0 %

Deviation Factor -: 0 %

Conversions:

☐ Standard

☐ Item specific

☒ Both

User Item Type: Purchased item

Item Status: Active

Long Description:

The data will be loaded in the inventory table:

Query Result: All Rows Fetched: 5 in 0.079 seconds

INVENTORY_ITEM_ID	ORGANIZATION_ID	LAST_UPDATE_DATE	LAST_UPDATED_BY	CREATION_DATE	CREATED_BY	LAST_UPDATE_LOGIN	SUMMARY_FLAG	ENABLED_FLAG	START_DATE_ACTIVE	END_DATE_ACTIVE	DESCRIPTION	BUYER_ID	ACCOUNTING_RULE
63	204	12-NOV-24	-1	12-NOV-24	-1	7339203N	N	Y	(null)	(null)	'Test new item desc	(null)	(null)
235223	204	12-NOV-24	204	12-NOV-24	-1	-1N	Y	Y	(null)	(null)	'Test new item desc	(null)	(null)
235224	204	12-NOV-24	204	12-NOV-24	-1	-1N	Y	Y	(null)	(null)	'Test new item desc	(null)	(null)
235225	204	12-NOV-24	204	12-NOV-24	-1	-1N	Y	Y	(null)	(null)	'Test new item desc	(null)	(null)
73	204	12-NOV-24	-1	12-NOV-24	-1	7339203N	N	Y	(null)	12-NOV-24	'Test new item desc	(null)	(null)

Query Result: All Rows Fetched: 1 in 0.022 seconds

INVENTORY_ITEM_ID	ORGANIZATION_ID	LAST_UPDATE_DATE	LAST_UPDATED_BY	CREATION_DATE	CREATED_BY	LAST_UPDATE_LOGIN	SUMMARY_FLAG	ENABLED_FLAG	START_DATE_ACTIVE	END_DATE_ACTIVE	DESCRIPTION	BUYER_ID	ACCOUNTING_RULE
235214	204	12-NOV-24	1014814	12-NOV-24	1014814	7339141N	N	Y	(null)	(null)	'Test new3 item desc	(null)	(null)

Query Result: All Rows Fetched: 1 in 0.022 seconds

R_ID	ACCOUNTING_RULE_ID	INVOICING_RULE_ID	SEGMENT1	SEGMENT2	SEGMENT3	SEGMENT4	SEGMENT5
111)	(null)	(null)	xxdcssk3	(null)	(null)	(null)	(null)

Note: Validate each step by checking the data entries in the following tables:

SELECT * FROM XXDCS_INV_MTL_ITEM_STG_T_ONKAR;

```
SELECT * FROM MTL_SYSTEM_ITEMS_INTERFACE;
```

```
SELECT * FROM MTL_SYSTEM_ITEMS_B WHERE SEGMENT1 LIKE 'xxak32%';
```

```
SELECT * FROM MTL_INTERFACE_ERRORS
```