

RAJDEEP DAS

EMP ID: 2152683 DATE: 06.06.2022

ASSIGNMENT 2

1. Write a procedure to display the data in XML format

Table : mtl_system_items_b

Fields :

Inventory_item_id,organization_id,description,segment1,purchasable_item_flag,summary_flag,inventory_item_flag,primary_unit_of_measure

Where segment1 between a and b

2. Register above Procedure in EBS

ANSWER:

```
CREATE OR REPLACE PROCEDURE XXCTS_RAJDEEP_ITEM(ERRBUF OUT VARCHAR2, RETCODE  
OUT
```

```
VARCHAR2)
```

```
IS
```

```
CURSOR ITEM_CUR
```

```
IS
```

```
SELECT
```

```
INVENTORY_ITEM_ID, ORGANIZATION_ID, DESCRIPTION, SEGMENT1,
```

```
PURCHASING_ITEM_FLAG,SUMMARY_FLAG, INVENTORY_ITEM_FLAG,  
PRIMARY_UNIT_OF_MEASURE
```

```
FROM MTL_SYSTEM_ITEMS_B WHERE INVENTORY_ITEM_ID BETWEEN 40 AND 50;
```

```
ITEM_REC ITEM_CUR%ROWTYPE;
```

```

V_ERROR_CODE NUMBER;

V_ERR_MESSAGE VARCHAR2(200);


BEGIN

OPEN ITEM_CUR;

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<?xml version="1.0"?>');

FND_FILE.PUT_LINE(fnd_file.output,'<ItemsRoot>');

LOOP


FETCH ITEM_CUR

INTO ITEM_REC;


EXIT WHEN ITEM_CUR%NOTFOUND;

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<ITEMS>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<INVENTORY_ITEM_ID>' ||
ITEM_REC.INVENTORY_ITEM_ID || '</INVENTORY_ITEM_ID>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<ORGANIZATION_ID>' || ITEM_REC.ORGANIZATION_ID
|| '</ORGANIZATION_ID>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<DESCRIPTION>' || ITEM_REC.DESCRPTION ||
'</DESCRIPTION>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<SEGMENT1>' || ITEM_REC.SEGMENT1 ||
'</SEGMENT1>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<PURCHASING_ITEM_FLAG>' ||
ITEM_REC.PURCHASING_ITEM_FLAG || '</PURCHASING_ITEM_FLAG>');

FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<SUMMARY_FLAG>' || ITEM_REC.SUMMARY_FLAG ||
'</SUMMARY_FLAG>');

```

```
FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<INVENTORY_ITEM_FLAG>' ||  
ITEM_REC.INVENTORY_ITEM_FLAG || '</INVENTORY_ITEM_FLAG>');  
  
FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'<PRIMARY_UNIT_OF_MEASURE>' ||  
ITEM_REC.PRIMARY_UNIT_OF_MEASURE || '</PRIMARY_UNIT_OF_MEASURE>');  
  
FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'</ITEMS>');  
  
END LOOP;  
  
FND_FILE.PUT_LINE(FND_FILE.OUTPUT,'</ItemsRoot>');  
  
CLOSE ITEM_CUR;  
  
EXCEPTION  
  
WHEN OTHERS THEN  
  
V_ERROR_CODE := SQLCODE;  
  
V_ERR_MESSAGE := SUBSTR(SQLERRM,1,200);  
  
FND_FILE.PUT_LINE(FND_FILE.LOG, 'Error Code : ' || V_ERROR_CODE);  
  
FND_FILE.PUT_LINE(FND_FILE.LOG, 'Error Message : ' || V_ERR_MESSAGE);  
  
end;
```

Step 1: Navigate to Concurrent and then Program then Executable

The screenshot shows the 'Concurrent Program Executable' window. It contains the following fields and values:

- Executable: Procedure : Display Items : RAJDEEP
- Short Name: XXCTS_RAJDEEP_ITEM_EXEC
- Application: Purchasing
- Description: (empty)
- Execution Method: PL/SQL Stored Procedure
- Execution File Name: apps.XXCTS_RAJDEEP_ITEM
- Subroutine Name: (empty)
- Execution File Path: (empty)

At the bottom right, there is a button labeled 'Stage Function Parameters'.

Step 2: Concurrent then Program then Define

The screenshot shows the 'Concurrent Programs' window. It contains the following fields and values:

- Program: Procedure : Display Item Program : Rajdeep (checked Enabled)
- Short Name: XXCTS_RAJDEEP_ITEM_PRG
- Application: Purchasing
- Description: (empty)

Executable Section:

- Name: XXCTS_RAJDEEP_ITEM_EXEC
- Method: PL/SQL Stored Procedure
- Options: (empty)
- Priority: (empty)

Request Section:

- Type: (empty)
- Incrementor: (empty)
- MLS Function: (empty)
- Operating Unit Mode: (empty)
- ☒ Use in SRS
- ☐ Run Alone
- ☐ Enable Trace
- ☐ Recalculate Default Parameters
- ☐ Allow Disabled Values
- ☒ Restart on System Failure
- ☒ NLS Compliant

Output Section:

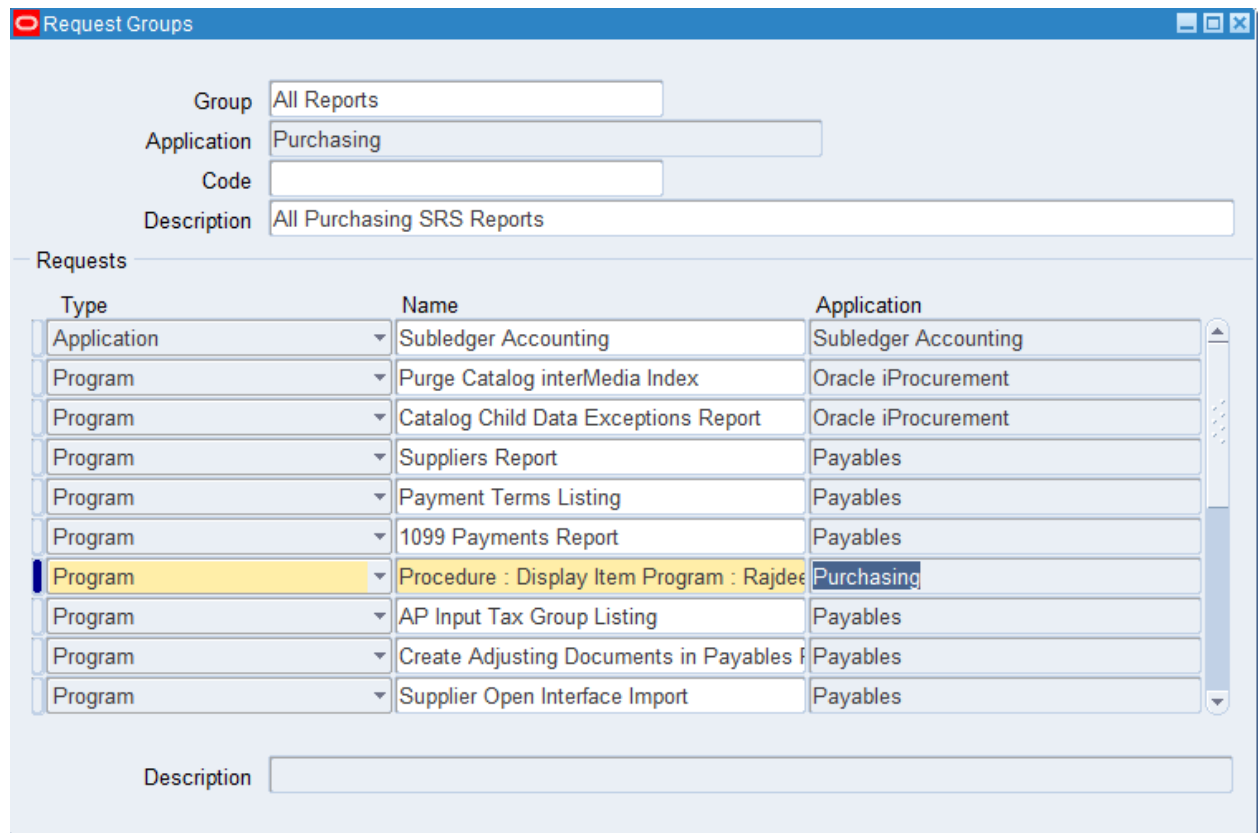
- Format: XML
- ☒ Save (C)
- ☒ Print
- Columns: (empty)
- Rows: (empty)
- Style: (empty)
- ☐ Style Required
- Printer: (empty)
- ☐ Disable URL Security

Business Events Section:

- ☐ Request Submitted (Y)
- ☐ Request On Hold
- ☐ Request Resumed
- ☐ Request Running
- ☐ Program Completed
- ☐ Post Processing Started
- ☐ Post Processing Ended
- ☐ Request Completed (Z)

At the bottom, there are four buttons: 'Copy to...', 'Session Control', 'Incompatibilities', and 'Parameters (G)'.

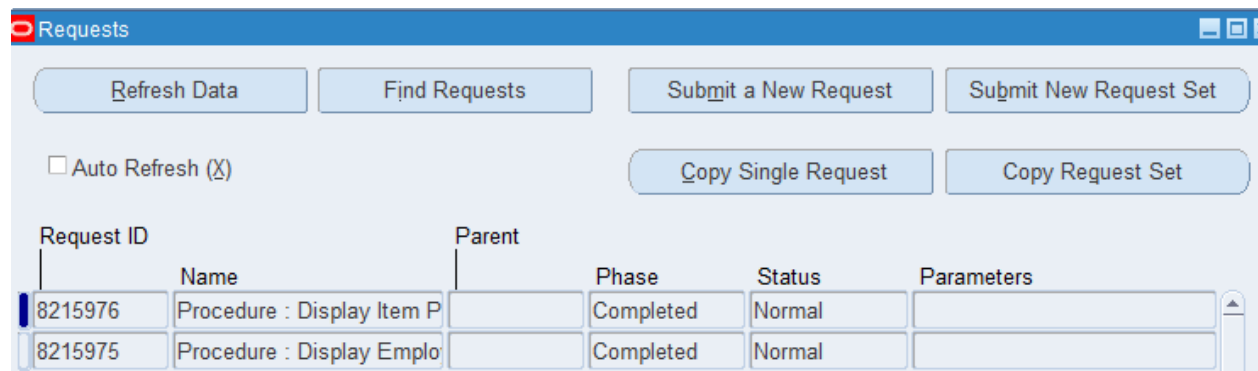
Step 3: Security then Responsibility then Request



The 'Request Groups' window displays configuration for a request group. The 'Group' field is set to 'All Reports', 'Application' to 'Purchasing', and 'Description' to 'All Purchasing SRS Reports'. Below, a table lists various request programs, with 'Procedure : Display Item Program : Rajde...' selected.

Type	Name	Application
Application	Subledger Accounting	Subledger Accounting
Program	Purge Catalog interMedia Index	Oracle iProcurement
Program	Catalog Child Data Exceptions Report	Oracle iProcurement
Program	Suppliers Report	Payables
Program	Payment Terms Listing	Payables
Program	1099 Payments Report	Payables
Program	Procedure : Display Item Program : Rajde...	Purchasing
Program	AP Input Tax Group Listing	Payables
Program	Create Adjusting Documents in Payables	Payables
Program	Supplier Open Interface Import	Payables

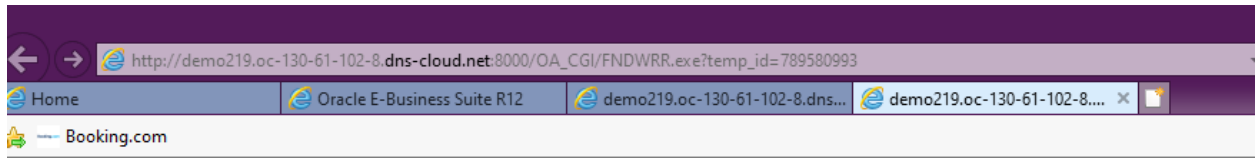
Step 3: Switched to the Responsibility and choose Purchasing. Then go to View and then go to Request. Submit a Request, Choose Procedure concurrent name and find.



The 'Requests' window shows a list of submitted requests. Two requests are visible, both with a 'Completed' phase and 'Normal' status.

Request ID	Name	Parent	Phase	Status	Parameters
8215976	Procedure : Display Item P		Completed	Normal	
8215975	Procedure : Display Emplo		Completed	Normal	

Step 4 : XML View



```
<?xml version="1.0"?>
- <ItemsRoot>
  - <ITEMS>
    <INVENTORY_ITEM_ID>45</INVENTORY_ITEM_ID>
    <ORGANIZATION_ID>204</ORGANIZATION_ID>
    <DESCRIPTION>Vision</DESCRIPTION>
    <SEGMENT1>Vision</SEGMENT1>
    <PURCHASING_ITEM_FLAG>N</PURCHASING_ITEM_FLAG>
    <SUMMARY_FLAG>N</SUMMARY_FLAG>
    <INVENTORY_ITEM_FLAG>Y</INVENTORY_ITEM_FLAG>
    <PRIMARY_UNIT_OF_MEASURE>Each</PRIMARY_UNIT_OF_MEASURE>
  </ITEMS>
  - <ITEMS>
    <INVENTORY_ITEM_ID>45</INVENTORY_ITEM_ID>
    <ORGANIZATION_ID>207</ORGANIZATION_ID>
    <DESCRIPTION>Vision</DESCRIPTION>
    <SEGMENT1>Vision</SEGMENT1>
    <PURCHASING_ITEM_FLAG>N</PURCHASING_ITEM_FLAG>
    <SUMMARY_FLAG>N</SUMMARY_FLAG>
    <INVENTORY_ITEM_FLAG>Y</INVENTORY_ITEM_FLAG>
    <PRIMARY_UNIT_OF_MEASURE>Each</PRIMARY_UNIT_OF_MEASURE>
  </ITEMS>
</ItemsRoot>
```