

XML Report Bursting :

XML report bursting is a way to create a lot of individual reports from one main data source. (Bursting means dividing data as per our requirement)

Example of XML Report Bursting

Let's say you run a small business that sells products online. Every month, you need to send out sales reports to each of your customers.

How XML Report Bursting Works in This Scenario:

1. **Main Data Source:** You have one spreadsheet or database with all the sales data for the month, including who bought what and how much they spent.
2. **Design a Template:** You create a report template that shows the sales details for each customer—like their name, the products they bought, and the total amount.
3. **Set Bursting Rules:** You set rules to divide the data. For example, you want one report for each customer based on their individual sales.
4. **Generate Reports:** When you run the bursting process, it automatically takes the main data and creates separate reports—one for each customer.
5. **Send Out Reports:** Each customer receives their own report via email, showing only their purchases for the month.

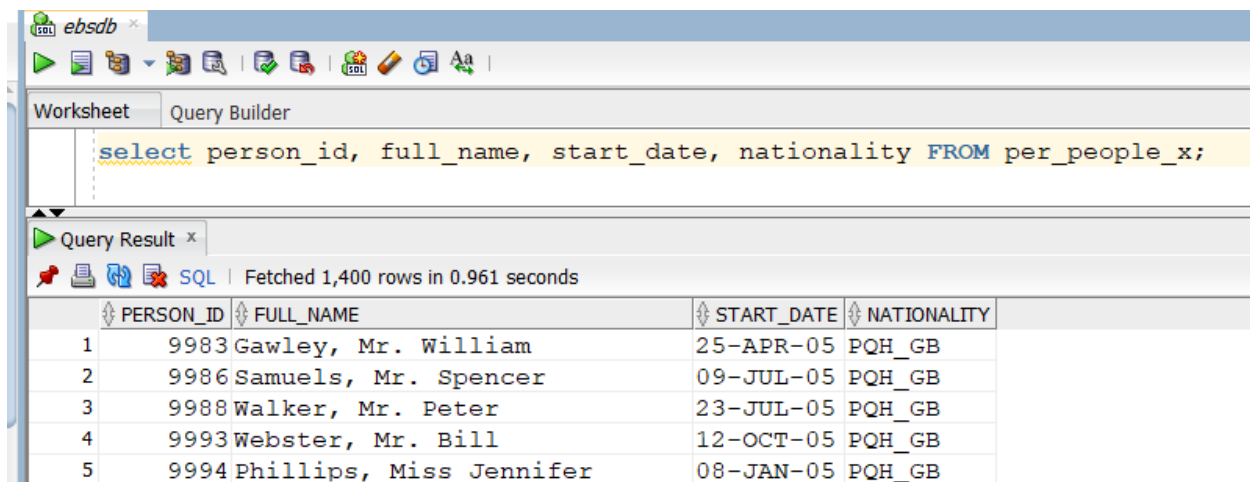
BENEFITS:

- **Saves Time:** Instead of writing each report manually, you generate them all at once.
- **Personalized:** Each customer gets a report that only includes their information.
- **Effortless:** You can set this up to happen automatically each month.

STEPS TO CREATE XML Report Bursting :

1. CREATE XML DATA TEMPLATE (.XML)
2. TEMPLATE FILE (.RTF)
3. XML BURSTING CONTROL FILE (.XML)
4. RUN THE SEEDED(INBUILT) CONC PROGRAM i.e. XML PUBLISHER REPORT BURSTING PROGRAM

CREATE BURSTING REPORT TO SHOW LAYOUT OF EMPLOYEE DETAILS BASED ON THEIR COUNTRY:



The screenshot shows the ebsdb Query Builder interface. The 'Query Builder' tab is active, displaying the following SQL query:

```
select person_id, full_name, start_date, nationality FROM per_people_x;
```

Below the query, the 'Query Result' tab shows the results of the query. It indicates that 1,400 rows were fetched in 0.961 seconds. The results are displayed in a table with the following columns: PERSON_ID, FULL_NAME, START_DATE, and NATIONALITY.

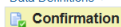
	PERSON_ID	FULL_NAME	START_DATE	NATIONALITY
1	9983	Gawley, Mr. William	25-APR-05	PQH_GB
2	9986	Samuels, Mr. Spencer	09-JUL-05	PQH_GB
3	9988	Walker, Mr. Peter	23-JUL-05	PQH_GB
4	9993	Webster, Mr. Bill	12-OCT-05	PQH_GB
5	9994	Phillips, Miss Jennifer	08-JAN-05	PQH_GB

PER_PEOPLE_X : HOLDS THE DATA OF EMPLOYEES.

```
1 <?xml version="1.0" encoding="WINDOWS-1252" ?>
2 <dataTemplate name="ONKAR_BURSTING_REPORT_XML" description="EXAMPLE OF BURSTING REPORT" Version="1.0">
3   <properties>
4     <property name="debug_mode" value="on"/>
5   </properties>
6   <!-- <parameters>
7     <parameter name="P_ORG_ID" dataType="number"/>
8     <parameter name="P_HEADER_ID" dataType="number"/>
9   </parameters> -->
10  <dataQuery>
11    <sqlStatement name="Q1">
12      <![CDATA[
13        select person_id, full_name, start_date, nationality FROM per_people_x WHERE nationality IN('IND')
14      ]]>
15    </sqlStatement>
16
17    <sqlStatement name="Q2">
18      <![CDATA[
19        select person_id, full_name, start_date, nationality FROM per_people_x WHERE nationality IN('CAN')
20      ]]>
21    </sqlStatement>
22  </dataQuery>
23
24  <dataStructure>
25    <group name="G_EMP_DETAILS_IND" source="Q1">
26      <element name="person_id" value="person_id" />
27      <element name="full_name" value="full_name" />
28      <element name="start_date" value="start_date" />
29      <element name="nationality" value="nationality" />
30    </group>
31
32    <group name="G_EMP_DETAILS_CAN" source="Q2">
33      <element name="person_id" value="person_id" />
34      <element name="full_name" value="full_name" />
35      <element name="start_date" value="start_date" />
36      <element name="nationality" value="nationality" />
37    </group>
38  </dataStructure>
39 </dataTemplate>
40
```

Templates Data Definitions Administration

Data Definitions >



Confirmation

Data Definition ONKAR_BURSTING_REPORT_DD has been successfully updated.

View Data Definition: ONKAR_BURSTING_REPORT_DD

General

Name	ONKAR_BURSTING_REPORT_DD	Code	ONKAR_BURSTING_REPORT_CONG
Application	Application Object Library	Start Date	02-Nov-2024
End Date			

Description

Files

XML Schema [Add File](#)

Data Template [ONKAR_BURSTING_REPORT_XML.xml](#) [Update File](#)

Preview Data [Add File](#)

Bursting Control File [Add File](#)

Navigator - Application Developer

Functions Documents Processes

Flexfield:
Set up key and descriptive flexfields

- + Flexfield
- + Self Service Flexfield
- + Concurrent
- + Application Profile
- + Attachments
- + Other

Concurrent Programs

Program: **ONKAR_BURSTING_REPORT_CONC** ☒ Enabled

Short Name: **ONKAR_BURSTING_REPORT_CONC**

Application: **Application Object Library**

Description:

Executable

Name: **XDODTEXE**

Method: **Java Concurrent Program**

Options:

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

Propagation Of Options to Children

☐ Delivery Options ☐ Notifications

Output

Format: **XML**

☒ Save (S) ☒ Print

Columns:

Rows:

Style:

☐ Style Required

Printer:

Security

☐ Disable URL Security

Maximum Output URL Views:

Business Events

☐ Request Submitted (Y) ☐ Program Completed ☐ Request On Hold ☐ Post Processing Started

☐ Request Running ☐ Request Completed (Z) ☐ Request Resumed ☐ Post Processing Ended

Copy to... Session Control Incompatibilities Parameters

Request Groups

Group: **Application Developer Reports2**

Application: **Application Object Library**

Code:

Description:

Requests

Type	Name	Application
Program	XXDCS_EMP_DTLS_SUY	xxdcs custom app
Program	manual xml report 3	xxdcs custom app
Program	XXDCS_APIINV_GRP_MPN	xxdcs custom app
Program	xxdcs_ap_invoice_grp_report_suy	xxdcs custom app
Program	XXDCS EXL REPO MN	xxdcs custom app
Program	ONKAR_BURSTING_REPORT_CONC	Application Object Library
Program	XXDCS_GTT_PRG_MN	xxdcs custom app
Program	xml report 2	xxdcs custom app
Program	xxdcs_emp_excel_rep_suy	xxdcs custom app
Program	XXDCS_EXCEL_REP	xxdcs custom app

Description:

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<ONKAR_BURSTING_REPORT_XML>
  <LIST_G_EMP_DETAILS_IND>
    <G_EMP_DETAILS_IND>
      <PERSON_ID>461</PERSON_ID>
      <FULL_NAME>De Silva, Mr. Ruwan</FULL_NAME>
      <START_DATE>1996-12-02T00:00:00.000+00:00</START_DATE>
      <NATIONALITY>IND</NATIONALITY>
    </G_EMP_DETAILS_IND>
    <G_EMP_DETAILS_IND>
      <PERSON_ID>465</PERSON_ID>
      <FULL_NAME>Dhaliwal, Mr. Kalvinder</FULL_NAME>
      <START_DATE>1996-06-03T00:00:00.000+00:00</START_DATE>
      <NATIONALITY>IND</NATIONALITY>
    </G_EMP_DETAILS_IND>
    <G_EMP_DETAILS_IND>
      <PERSON_ID>488</PERSON_ID>
      <FULL_NAME>Drummond, Mrs. Elaine</FULL_NAME>
      <START_DATE>1994-07-04T00:00:00.000+00:00</START_DATE>
      <NATIONALITY>IND</NATIONALITY>
    </G_EMP_DETAILS_IND>
    <G_EMP_DETAILS_IND>
      <PERSON_ID>536</PERSON_ID>
      <FULL_NAME>Jobanputra, Miss Mina</FULL_NAME>
      <START_DATE>1995-11-06T00:00:00.000+00:00</START_DATE>
      <NATIONALITY>IND</NATIONALITY>
    </G_EMP_DETAILS_IND>
    <G_EMP_DETAILS_IND>
      <PERSON_ID>563</PERSON_ID>
      <FULL_NAME>Patak, Miss Salma</FULL_NAME>
      <START_DATE>1998-02-09T00:00:00.000+00:00</START_DATE>
      <NATIONALITY>IND</NATIONALITY>
    </G_EMP_DETAILS_IND>
    <G_EMP_DETAILS_IND>
      <PERSON_ID>582</PERSON_ID>
      <FULL_NAME>Shah, Miss Mina</FULL_NAME>
      <START_DATE>1994-05-16T00:00:00.000+00:00</START_DATE>
      <NATIONALITY>IND</NATIONALITY>
    </G_EMP_DETAILS_IND>
  </LIST_G_EMP_DETAILS_IND>
</ONKAR_BURSTING_REPORT_XML>
```

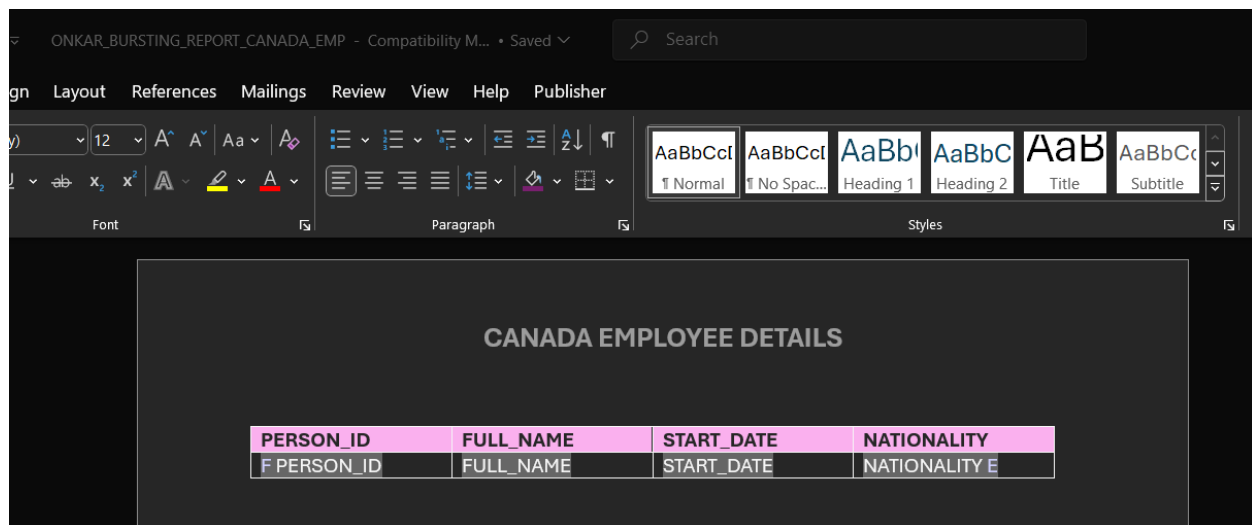
NOW CREATE DIFFERENT TEMPLATE FOR DIFFERENT COUNTRIES.(ONKAR_BURSTING_REPORT_INDIA_EMP.rtf)

Layout References Mailings Review View Help Publisher

Font Paragraph Styles Editing

INDIA EMPLOYEE DETAILS

PERSON_ID	FULL_NAME	START_DATE	NATIONALITY
PERSON_ID	FULL_NAME	START_DATE	NATIONALITY E



NOW CREATE DIFF TEMPLATE IN XML PUB. ACCORDING TO COUNTRY AND LOAD THE APPROPRIATE .RTF TEMP INTO IT.

Templates

Data Definitions

Administration

Templates >

Confirmation

Template ONKAR_BURSTING_REPORT_INDIA_EMP has been successfully created.

View Template: ONKAR_BURSTING_REPORT_INDIA_EMP

General

Name

ONKAR_BURSTING_REPORT_INDIA_EMP

Application

Application Object Library

Type

RTF

Default File

ONKAR_BURSTING_REPORT_INDIA_EMP.rtf

Default File Language

English

Default File Territory

Code

ONKAR_BURSTING_REPORT_INDIA_EMP

Data Definition

ONKAR_BURSTING_REPORT_DD

Start Date

02-Nov-2024

End Date

Subtemplate

No

Default Output Type

HTML

Description

Update

Edit Configuration

Template Files

Preview Format

PDF

Add File

Localized Templates

File Name	Language	Territory	Preview	Download	Update	Delete
ONKAR_BURSTING_REPORT_INDIA_EMP.rtf	English					

Templates >

Confirmation

Template ONKAR_BURSTING_REPORT_CANADA_EMP has been successfully created.

View Template: ONKAR_BURSTING_REPORT_CANADA_EMP

General

Name

ONKAR_BURSTING_REPORT_CANADA_EMP

Application

Application Object Library

Type

RTF

Default File

ONKAR_BURSTING_REPORT_CANADA_EMP.rtf

Default File Language

English

Default File Territory

Code

ONKAR_BURSTING_REPORT_CANADA_EMP

Data Definition

ONKAR_BURSTING_REPORT_DD

Start Date

02-Nov-2024

End Date

Subtemplate

No

Default Output Type

HTML

Description

Update

Edit Configuration

Template Files

Preview Format

PDF

Add File

Localized Templates

File Name	Language	Territory	Preview	Download
ONKAR_BURSTING_REPORT_CANADA_EMP.rtf	English			

NOW WE CAN SEE LATEST UPDATED .RTF TEMPLATE IN OUT REQUEST AND ALL THE RECORDS WILL BE IN A FORMAT OF LASTEST UPDATED TEMPLATE, SO TO DIVIDE THE RECORDS BASED ON THEIR CONTRIES WE NEED REPORT BURSTING FOR THAT WE WILL CREATE [XML BURSTING CONTROL FILE (.XML)]

Requests

Submit Request

Run this Request

Copy

Name ONKAR_BURSTING_REPORT_CONC

Operating Unit

Parameters

Language American English

Language Settings

Debug Options

At these Times

Schedule Description As Soon as Possible

Schedule

Upon Completion

☒ Save all Output Files ☐ Burst Output

Layout ONKAR_BURSTING_REPORT_CANADA_EMP

Options

Notify

Print to noprint

Delivery Opts

Help (C)

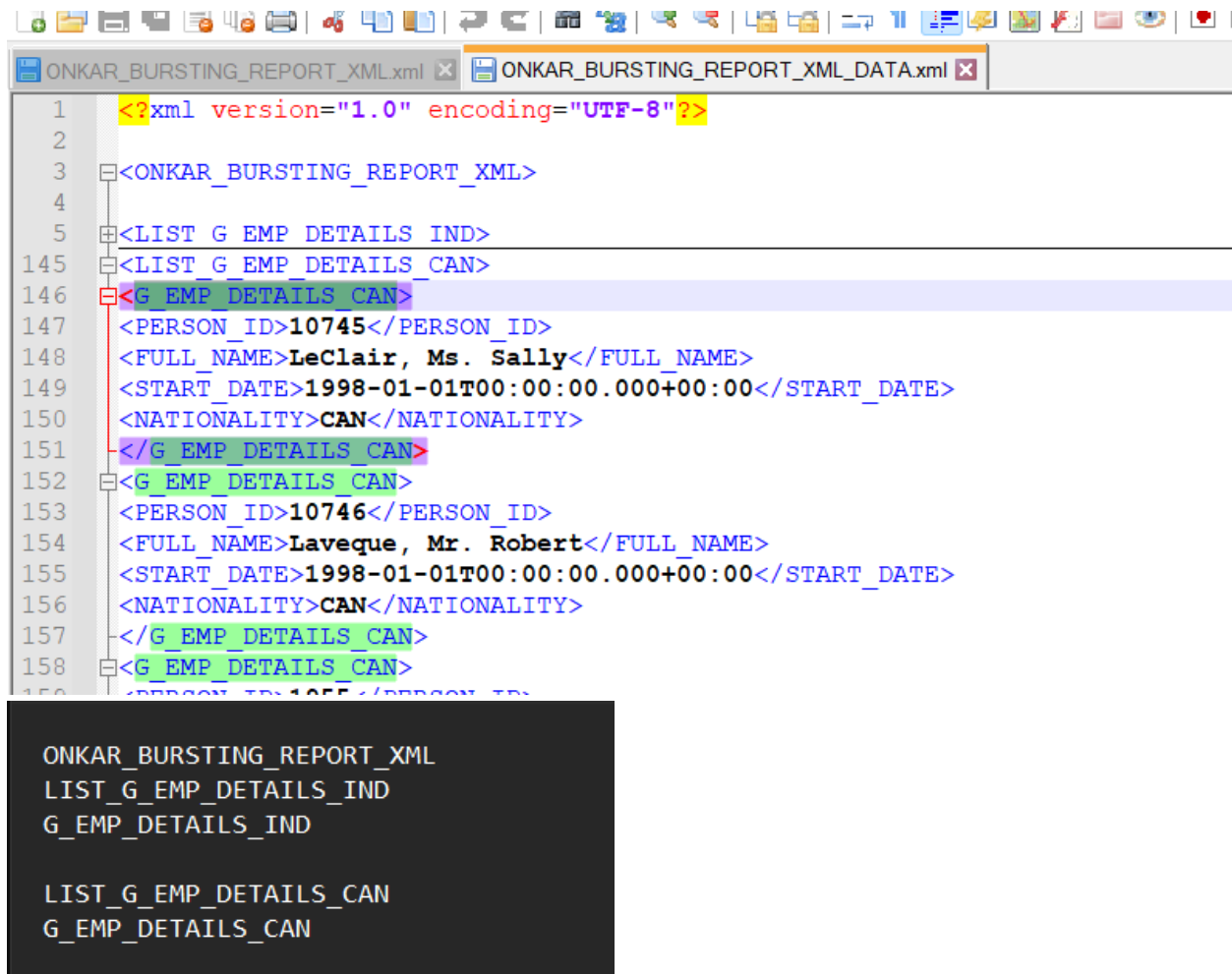
Submit

Cancel

CANADA EMPLOYEE DETAILS

PERSON_ID	FULL_NAME	START_DATE	NATIONALITY
10745	LeClair, Ms. Sally	1998-01-01T00:00:00.000+00:00	CAN
10746	Laveque, Mr. Robert	1998-01-01T00:00:00.000+00:00	CAN
1955	Smith, Mr. Jerry	2000-01-11T00:00:00.000+00:00	CAN
495	Erdon, Mr. Frank James	1997-08-15T00:00:00.000+00:00	CAN
1074	Wilson, Miss Julie	1990-02-02T00:00:00.000+00:00	CAN
1076	Sabatino, Mr. Anthony	1992-02-02T00:00:00.000+00:00	CAN
1077	Brown, Mr. Tom Peter	1993-02-02T00:00:00.000+00:00	CAN
1082	Walker, Mr. Ben	1990-02-02T00:00:00.000+00:00	CAN
1083	Dunsford, Mrs. Jackie	1990-02-02T00:00:00.000+00:00	CAN

FIRST COPY THE TAGS FROM OUR XML DATA FILE :

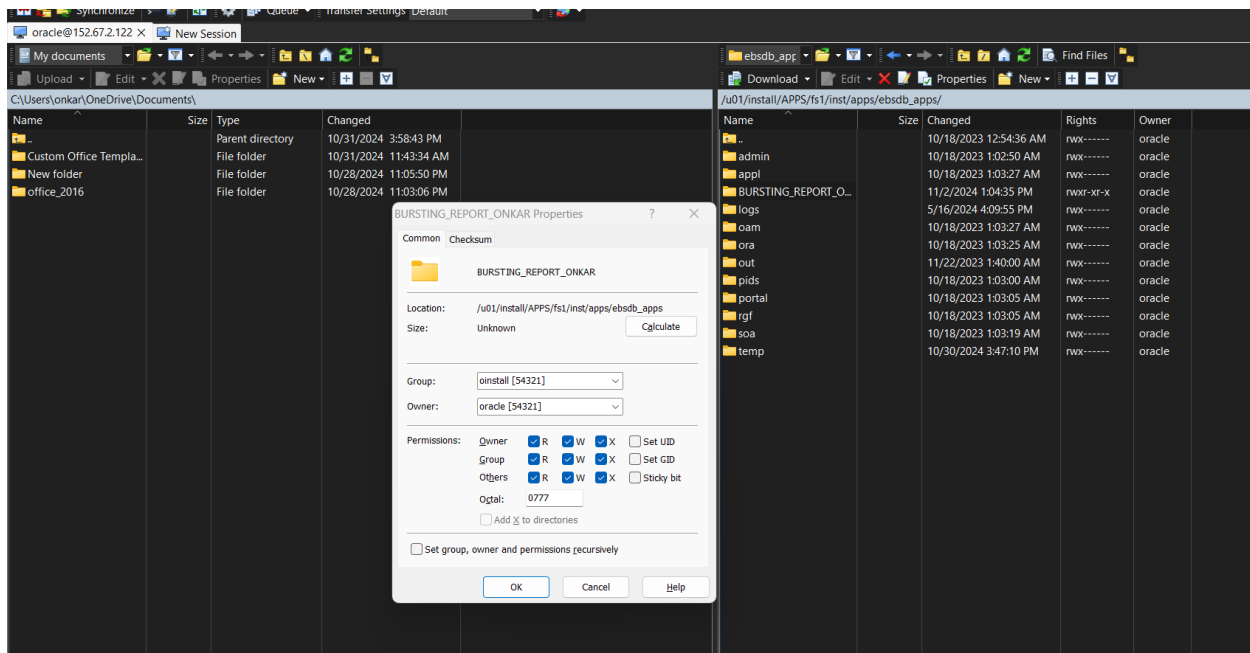


```
1 <?xml version="1.0" encoding="UTF-8"?>
2
3 <ONKAR_BURSTING_REPORT_XML>
4
5 <LIST G EMP DETAILS IND>
145 <LIST G EMP DETAILS CAN>
146 <G EMP DETAILS CAN>
147 <PERSON_ID>10745</PERSON_ID>
148 <FULL_NAME>LeClair, Ms. Sally</FULL_NAME>
149 <START_DATE>1998-01-01T00:00:00.000+00:00</START_DATE>
150 <NATIONALITY>CAN</NATIONALITY>
151 </G EMP DETAILS CAN>
152 <G EMP DETAILS CAN>
153 <PERSON_ID>10746</PERSON_ID>
154 <FULL_NAME>Laveque, Mr. Robert</FULL_NAME>
155 <START_DATE>1998-01-01T00:00:00.000+00:00</START_DATE>
156 <NATIONALITY>CAN</NATIONALITY>
157 </G EMP DETAILS CAN>
158 <G EMP DETAILS CAN>
159 <PERSON_ID>10755</PERSON_ID>
```

ONKAR_BURSTING_REPORT_XML
LIST_G_EMP_DETAILS_IND
G_EMP_DETAILS_IND

LIST_G_EMP_DETAILS_CAN
G_EMP_DETAILS_CAN

NOW MOVE OUR XML TEMPLATE FILES FROM LOCAL MACHINE TO SERVER USING WINSXP. FIRST CREATE FOLDER ON SERVER LOCATION AND GIVE PERMISSION TO IT.



NOW CREATE/GET THE BURSTING TEMPLATE AND PASTE THE TAG DATA AND FOLDER LOCATION FROM ABOVE STEPS:

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <xapi:requestset xmlns:xapi="http://xmlns.oracle.com/oxp/xapi" type="bursting">
3
4      <xapi:request select="/ONKAR_BURSTING_REPORT_XML/LIST_G_EMP_DETAILS_IND/G_EMP_DETAILS_IND">
5          <xapi:delivery>
6              <xapi:filesystem id="File_Rep_IND"
7                  output="/u01/install/APPS/fs1/inst/apps/ebstdb_apps/BURSTING_REPORT_ONKAR/IND.pdf"/>
8                  <!-- output file for Indian nationality -->
9              </xapi:delivery>
10             <xapi:document output-type="pdf" delivery="File_Rep_IND">
11                 <xapi:template type="rtf"
12                     location="xdo://FND.ONKAR_BURSTING_REPORT_INDIA_EMP.en.00/?getSource=true"
13                     filter="//G_EMP_DETAILS_IND[NATIONALITY = 'IND']" />
14             </xapi:document>
15         </xapi:request>
16
17
18         <xapi:request select="/ONKAR_BURSTING_REPORT_XML/LIST_G_EMP_DETAILS_CAN/G_EMP_DETAILS_CAN">
19             <xapi:delivery>
20                 <xapi:filesystem id="File_Rep_CAN"
21                     output="/u01/install/APPS/fs1/inst/apps/ebstdb_apps/BURSTING_REPORT_ONKAR/CAN.pdf"/>
22                     <!-- output file for Canadian nationality -->
23                 </xapi:delivery>
24                 <xapi:document output-type="pdf" delivery="File_Rep_CAN">
25                     <xapi:template type="rtf"
26                         location="xdo://FND.ONKAR_BURSTING_REPORT_CANADA_EMP.en.00/?getSource=true"
27                         filter="//G_EMP_DETAILS_CAN[NATIONALITY = 'CAN']" />
28                 </xapi:document>
29             </xapi:request>
30
31         </xapi:requestset>
32

```


NOW UPLOAD ABOVE BURSTING FILE INTO OUR DATA DEFINITION :

Templates

Data Definitions

Administration

Data Definitions >

 Confirmation

Data Definition ONKAR_BURSTING_REPORT_DD has been successfully updated.

View Data Definition: ONKAR_BURSTING_REPORT_DD

General

Name

ONKAR_BURSTING_REPORT_DD

Application

Application Object Library

End Date

Code

ONKAR_BURSTING_REPORT_CONC

Start Date

02-Nov-2024

Description

Files

XML Schema

Add File

Data Template

[ONKAR_BURSTING_REPORT_XML.xml](#)

Update File

Preview Data

Add File

Bursting Control File

[ONKAR_BURSTING_REPORT_MAIN.xml](#)

Update File

NOW AGAIN RUN THE PROGRAM AND COPY THE REQUEST ID PASTE THIS REQUEST ID IN SEEDED CONC PROGRAM AND RUN THE PROGRAM AGAIN:

Requests

Refresh Data

Find Requests

Submit a New Request

Submit New Request Set

☐ Auto Refresh (X)

Copy Single Request

Copy Request Set

Request ID	Name	Parent	Phase	Status	Parameters
7748354	ONKAR_BURSTING_REPC		Completed	Normal	

Submit Request

Run this Request

Name: XML Publisher Report Bursting Program

Operating Unit: ONKAR_BURSTING_REPORT_CONC.No

Parameters: American English

Language Settings: Debug Options

At these Times

Schedule Description: As Soon as Possible

Upon Completion

☒ Save all Output Files

Layout: Bursting Status Report

Notify: noprint

Print to: noprint

Help (C) Submit Cancel

Parameters

Request ID: ONKAR_BURSTING_REPORT_CONC

Request ID: 7748354 Date: 2024/1

DebugFlag: No

OK Cancel Clear Help

Requests

Refresh Data Find Requests Submit a New Request Submit New Request Set

☐ Auto Refresh (X) Copy Single Request Copy Request Set

Request ID	Name	Parent	Phase	Status	Parameters
7748359	Bursting ONKAR_BURSTIN		Completed	Normal	Y, 7748354, N

CHECK THE OUTPUT IN SERVER AS WE ARE GETTING DIFFRENT COUNTRIES DATA IN PDF FORMAT :

BURSTING_REPORT_ONKAR - oracle@152.67.2.122 - WinSCP

Local Mark Files Commands Session Options Remote Help

Synchronize Queue Transfer Settings Default

oracle@152.67.2.122 X New Session

Name	Size	Type	Changed
..		Parent directory	10/31/2024 3:58:43 PM
Custom Office Templa...		File folder	10/31/2024 11:43:34 AM
New folder		File folder	10/28/2024 11:05:50 PM
office_2016		File folder	10/28/2024 11:03:06 PM

Name	Size	Changed	Rights	Owner
..		11/2/2024 1:04:56 PM	rwX-----	oracle
CAN.pdf	2 KB	11/2/2024 2:02:07 PM	rw-r--r--	oracle
IND.pdf	2 KB	11/2/2024 2:02:03 PM	rw-r--r--	oracle

CANADA EMPLOYEE DETAILS

PERSON_ID	FULL_NAME	START_DATE	NATIONALITY
6246	Jenny, Ms. John	2000-09-01T00:00:00.000+00:00	CAN

INDIA EMPLOYEE DETAILS

PERSON_ID	FULL_NAME	START_DATE	NATIONALITY
26960	Mr. Santosh Gokhale	2005-10-21T00:00:00.000+00:00	IND