

## XML PARAMETER BASED REPORT :

# Steps to design a Report

1. Data Model (Business Logic)
  1. Design the Query
  2. Update the query in Data Template XML File
  3. Navigate to XML Publisher Administrator
    1. Create Data Definition and upload the Data Template XML File
  4. Create Concurrent Program (Short name should be same Data Definition Code)
  5. Assign the Concurrent Program to request program
  6. Run the report and get the output xml file
2. Template (Layout)
  1. Based on the 1.6 (output xml file) - design the template RTF File
3. Output

## Design a report to display supplier details :

```
select vendor_id, vendor_name, segment1 from po_vendors;
```

Query Result x		
SQL   Fetched 50 rows in 0.13 seconds		
VENDOR_ID	VENDOR_NAME	SEGMENT1
1 30163	TP1 Supp	20186
2 30164	J1 Supp	20187
3 32163	Sports Provider 1101	20189
4 33169	Nature Provider 1108	20196
5 314	Internal-Vision Services	5004
6 12140	Leonard, Judith	20106
7 12	Next Generation Graphix (DBA, Art Wilde)	1011
8 334	Providence Property & Casualty	5008

```
C:\Users\onkar\OneDrive\Desktop\XMLOffice\ONKAR_XML_VENDOR_PARAMETER.xml - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
ONKAR_XML_VENDOR_PARAMETER.xml
1 <?xml version="1.0" encoding="WINDOWS-1252" ?>
2 <dataTemplate name="ONKAR_XML_VENDORS" description="INFO ABOUT VENDORS" Version="1.0">
3   <properties>
4     <property name="debug_mode" value="on"/>
5   </properties>
6
7   <parameters>
8     <parameter name="P_VENDOR_ID" dataType="number"/>
9   </parameters>
10  <dataQuery>
11
12    <sqlStatement name="Q_ONKAR_XML_VENDORS">
13      <![CDATA[
14        select vendor_id, vendor_name, segment1 from po_vendors where vendor_id = :P_VENDOR_ID
15      ]]>
16    </sqlStatement>
17  </dataQuery>
18
19  <dataStructure>
20    <group name="G_ONKAR_XML_VENDORS" source="Q_ONKAR_XML_VENDORS">
21      <element name="VENDOR_ID" value="VENDOR_ID" />
22      <element name="VENDOR_NAME" value="VENDOR_NAME" />
23      <element name="SEGMENT1" value="SEGMENT1" />
24    </group>
25  </dataStructure>
26 </dataTemplate>
27
```

ORACLE XML Publisher

Home

Star

Settings

Notifications

Logged In As ONKAR

Help

Power

Templates

Data Definitions

Administration

Data Definitions >

Confirmation

Data Definition XXABC\_XML VENDORS has been successfully updated.

View Data Definition: XXABC\_XML VENDORS

General

NameXXABC\_XML VENDORSCodeXXABC\_XML VENDORSUpdateEdit Configuration

ApplicationApplication Object LibraryStart Date28-Oct-2024

Description

Files

XML SchemaAdd File

Data TemplateONKAR\_XML\_VENDOR\_PARAMETER.xmlUpdate File

Preview DataAdd File

Bursting Control FileAdd File

Navigator - system administrator

Functions

Documents

Concurrent:Program:Define

Define concurrent program

Set

+ Manager

- Program

Define

Executable

Types

Conflicts Domains

+ Profile

+ Application

+ Install

+ Requests

+ Workflow

+ AK

Define Profile Options

Concurrent Programs

ProgramONKAR\_XML VENDORS\_CONCEnabled

Short NameXXABC\_XML VENDORS

ApplicationApplication Object Library

Description

Executable

NameXDODTEXE

MethodJava Concurrent Program

Options

Priority

Request

Type

Incrementor

MLS Function

Operating Unit Mode

Restart ModeRestartable

Allow Disabled Values

Use in SRS

NLS Compliant

Enable Trace

Recalculate Default Parameters

Run Alone

Propagation Of Options to Children

Delivery Options

Notifications

Business Events

Request Submitted (Y)

Program Completed

Request On Hold

Post Processing Started

Request Running

Request Completed (Z)

Request Resumed

Post Processing Ended

Output

FormatXML

Save (S)

Print

Columns

Rows

Style

Style Required

Printer

Security

Disable URL Security

Maximum Output URL Views

Copy to...

Session Control

Incompatibilities

Parameters

Navigator - system administrator

Functions Documents

Concurrent:Program:Define

Define concurrent program

- Set
- + Manager
- Program
  - Define
  - Executable
  - Types
  - Conflicts Domains
- + Profile
- + Application
- + Install
- + Requests
- + Workflow
- + AK
- Define Profile Options

Concurrent Programs

Concurrent Program Parameters

Program ONKAR\_XML\_VENDORS\_CONC

Application Application Object Library

Conflicts Domain Security Group

Seq	Parameter	Description	Enabled
1	P_VENDOR_ID		<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Validation

Value Set 10/Number ☒ Allow Update Description A 10 digit positive number

Default Type ☐ Required Default Value

☐ Enable Security Range

☒ Display

Display Size 10 Description Size 50 Prompt P\_VENDOR\_ID

Concatenated Description Size 25 LOV Prompt P\_VENDOR\_ID

Token P\_VENDOR\_ID

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

Copy to... Session Control Incompatibilities Parameters

Navigator - system administrator

Functions Documents

Security:Responsibility:Define

Define responsibility

- + Workflow
- + AK
- Define Profile Options
- Security
  - User
  - Responsibility
  - Define
  - Request
  - + ValueSet
  - + ORACLE
  - + AuditTrail
  - Web PL/SQL
  - Define Metadata
  - + Generic File Manager

Responsibilities

Responsibility Name Application Developer

Application Application Object Library

Responsibility Key APPLICATION\_DEVELOPER

Description Application Object Library Application Developer

Effective Dates

From 01-JAN-1951

To

Available From

- Oracle Applications
- Oracle Self Service Web Applications
- Oracle Mobile Applications

Data Group

Name Standard

Application Application Object Library

Request Group

Name Application Developer Reports2

Application Application Object Library

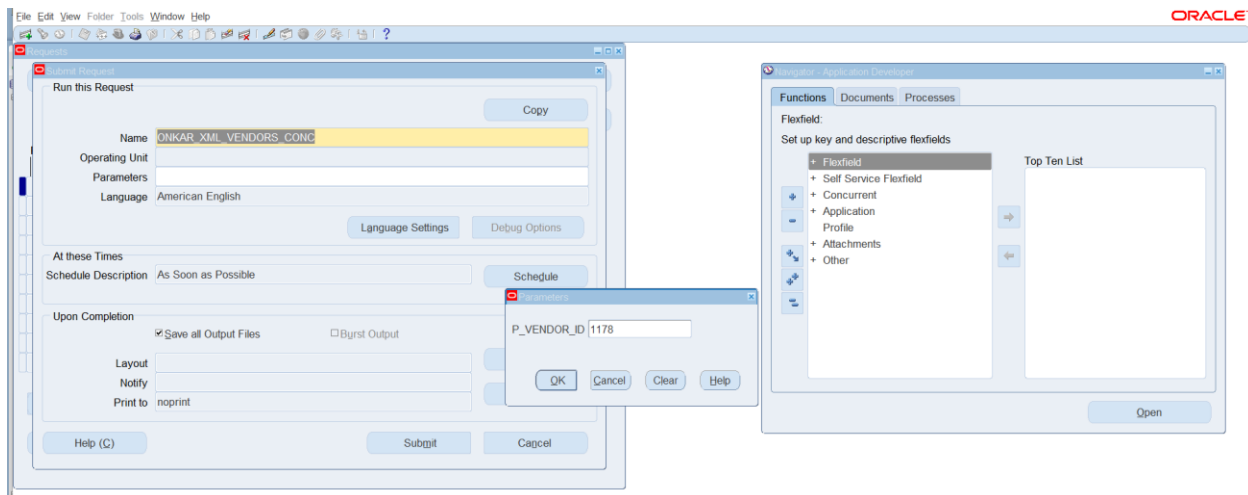
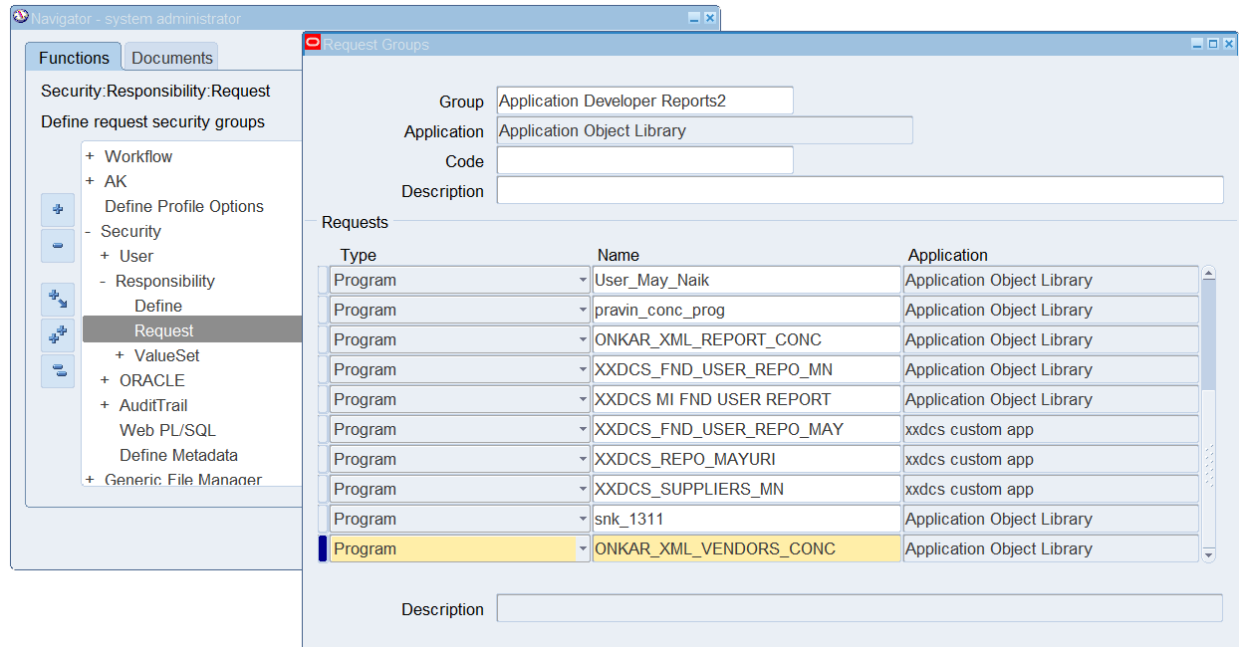
Menu Navigator Menu - Application Develop

Web Host Name

Web Agent Name

Menu Exclusions Excluded Items Securing Attributes

Type	Name	Description
Function		



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

```
<?xml version="1.0" encoding="UTF-8" standalone="yes" ?>
<ONKAR_XML_VENDORS>
  <P_VENDOR_ID>1178</P_VENDOR_ID>
  <LIST_G_ONKAR_XML_VENDORS> </LIST_G_ONKAR_XML_VENDORS>
</ONKAR_XML_VENDORS>
```

But we want to give multiple vendors list to select from in parameter so create table in parameter :

Navigator - system administrator

Functions Documents

Application: Validation: Set

Define value set

- Application
- Function
- Menu
- Validation
  - Set
  - Values
- + Flexfield
- Administer Folders
- + Sequential Numbering
- Currency
- Network Test
- Register
- + Install
- + Requests

Value Sets

Value Set Name: TABLE\_OF\_VENDORS\_ONKAR Usages

Description

List Type: List of Values Security Type: No Security

Format Validation

Format Type: Char Maximum Size: 250 Precision

☐ Numbers Only (0-9)

☐ Uppercase Only (A-Z)

☐ Right-justify and Zero-fill Numbers (0001)

Min Value Max Value

Value Validation

Validation Type: Table Edit Information

Open

Navigator - system administrator

Functions Documents

Application: Validation: Set

Define value set

- Application
- Function
- Menu
- Validation
  - Set
  - Values
- + Flexfield
- Administer Folders
- + Sequential Numbering
- Currency
- Network Test
- Register
- + Install
- + Requests

Value Sets

Value Set Name: TABLE\_OF\_VENDORS\_ONKAR Usages

Description

List Type: List of Values Security Type: No Security

Format Validation

Format Type: Char

☐ Numbers Only

☐ Uppercase Only

☐ Right-justify and Zero-fill Numbers (0001)

Min Value

Value Validation

Validation Type: Table

Open

Validation Table Information

Table Application: Purchasing Table Name: PO\_VENDORS

☐ Allow Parent Values

Table Columns

	Name	Type	Size
Value	VENDOR_NAME	Varchar2	240
Meaning			
ID	VENDOR_ID	Number	22

Where/Order By: ORDER BY VENDOR\_ID

Additional Columns

Test

Navigator - Application Developer

Functions Documents Processes

Concurrent Program

Define concurrent program

- + Flexfield
- + Self Service Flexfield
- Concurrent
  - Program
  - Executable
  - Library
- + Application Profile
- + Attachments
- + Other

Concurrent Program Parameters

Program ONKAR\_XML\_VENDORS\_CONC

Application Application Object Library

Conflicts Domain Security Group

Seq Parameter Description Enabled

1 P\_VENDOR\_ID

Validation Value Set 10/Number Allow Update Description A 10 digit positive number

Default Type Value Sets

Find TABLE\_ %

Name	Validation	Format	Length	Description
TABLE_OF_VENDORS_ONKAR	Table	Char	240	
TABLE_TYPE	Table	Char	100	APPLICATION OBJECT LIBR
Table_name	Table	Char	30	Table id and name

Copy to...

End OK Cancel

Requests

Submit Request

Run this Request

Name ONKAR\_XML\_VENDORS\_CONC

Operating Unit

Parameters GE Plastics

Language American English

Language Settings Debug Options

At these Times

Schedule Description As Soon as Possible

Upon Completion

Save all Output Files

Layout

Notify

Print to noprint

Help (G) Submit Cancel

P\_VENDOR\_ID

Find %

P\_VENDOR\_ID

GE Plastics

GE Capital

General Electric

United Parcel Service

Star Gate Ltd

American Telephone and Telegraph

Capp Consulting

Jamie Frost

Office Supplies, Inc.

Kerry Jones

Advantage Corp

Next Generation Graphix (DBA, Art Wilde)

Internal Revenue Service

End OK Cancel

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
7747380	ONKAR_XML_VENDORS_		Completed	Normal	1
7747354	ONKAR_XML_REPORT_C		Completed	Normal	
7747242	ONKAR_XML_VENDORS_		Completed	Normal	1
7747240	ONKAR_XML_VENDORS_		Completed	Normal	1178
7747172	ONKAR_XML_REPORT_C		Completed	Warning	
7747164	ONKAR_XML_REPORT_C		Completed	Warning	
7747163	ONKAR_XML_REPORT_C		Completed	Warning	
7747117	ONKAR_XML_REPORT_C		Completed	Normal	
7746775	ON_PO_REPORT_PRO		Completed	Normal	
7746769	ON_PO_REPORT_PRO		Completed	Normal	

Hold Request

View Details

Rerun Request

View Output

Cancel Request

Diagnostics

Reprint/Republish (J)

View Log (K)

View Data Definition: XXABC\_XI

XML\_parameter\_based\_report\_c

ebs.apexsub.apexvcn.oraclevcn.

ebs.apexsub.apexvcn.oraclevcn.

←

→

↺

⚠ Not secure

ebs.apexsub.apexvcn.oraclevcn.com:8000/OA\_CGI/FNDWRR.exe?temp\_id=2784339142

Download started. To see it, press Esc

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

▼<ONKAR\_XML\_VENDORS>

<P\_VENDOR\_ID>1</P\_VENDOR\_ID>

▼<LIST\_G\_ONKAR\_XML\_VENDORS>

▼<G\_ONKAR\_XML\_VENDORS>

<VENDOR\_ID>1</VENDOR\_ID>

<VENDOR\_NAME>GE Plastics</VENDOR\_NAME>

<SEGMENT1>1000</SEGMENT1>

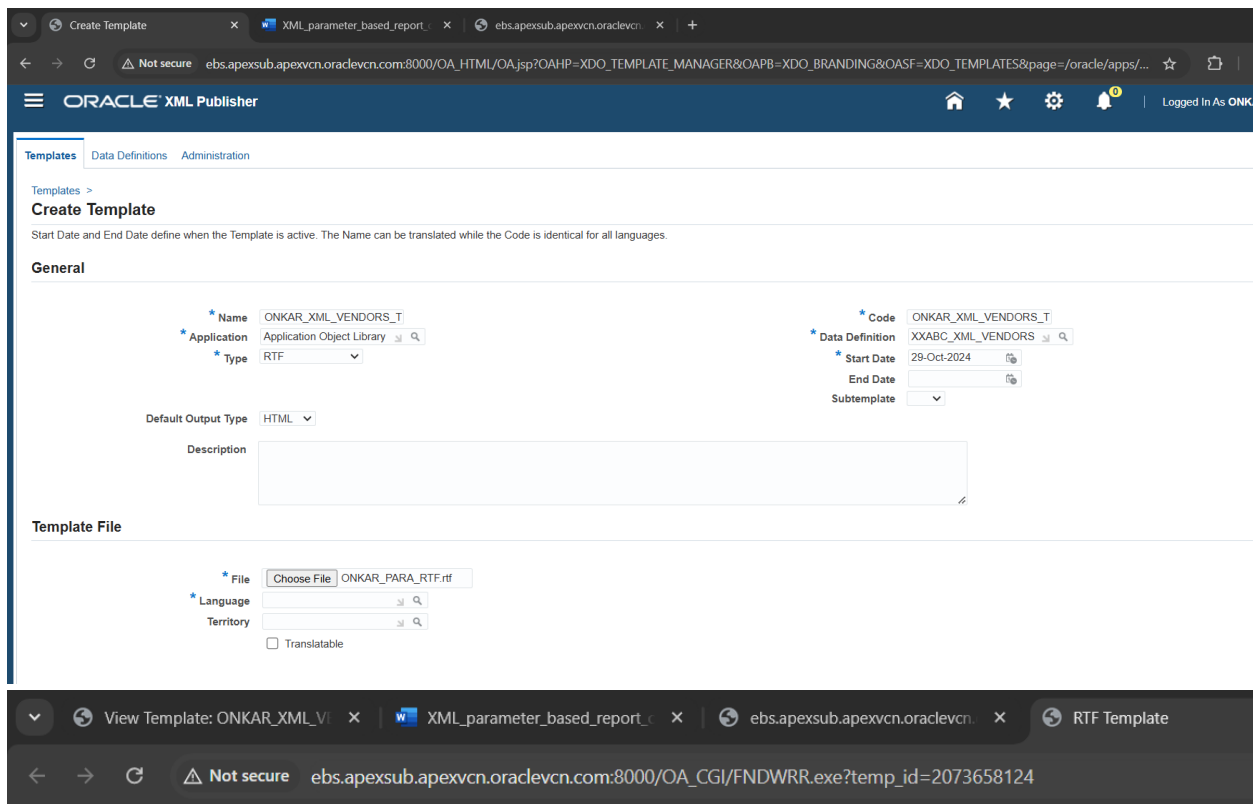
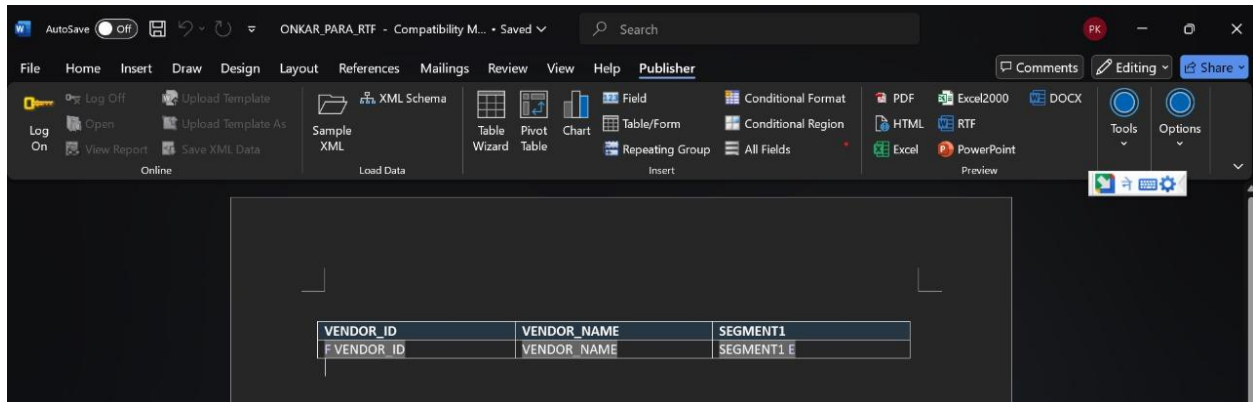
</G\_ONKAR\_XML\_VENDORS>

</LIST\_G\_ONKAR\_XML\_VENDORS>

</ONKAR\_XML\_VENDORS>

SAVE ABOVE XML(ONKAR\_PARA.XML) AND LOAD IN WORD PUBLISHER.





VENDOR_ID	VENDOR_NAME	SEGMENT1
1	GE Plastics	1000

**NOW IF WE WANT TO SHOW VENDOR\_NAME WITH THE HELP OF VENDOR ID  
PARAMETER FROM OUR REPORT THEN :**

```
C:\Users\onkar\OneDrive\Desktop\XMLOffice\ONKAR_XML_VENDOR_PARAMETER.xml - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
ONKAR_XML_VENDOR_PARAMETER.xml x
1 <?xml version="1.0" encoding="WINDOWS-1252" ?>
2 <dataTemplate name="ONKAR_XML VENDORS" description="INFO ABOUT VENDORS" Version="1.0">
3   <properties>
4     <property name="debug_mode" value="on"/>
5   </properties>
6
7   <parameters>
8     <parameter name="P_VENDOR_ID" dataType="number"/>
9   </parameters>
10
11   <dataQuery>
12
13     <sqlStatement name="Q_PARA_DETAILS">
14       <![CDATA[
15         select vendor_name from po_vendors where vendor_id = :P_VENDOR_ID
16       ]]>
17     </sqlStatement>
18
19     <sqlStatement name="Q_ONKAR_XML VENDORS">
20       <![CDATA[
21         select vendor_id, vendor_name, segment1 from po_vendors where vendor_id = :P_VENDOR_ID
22       ]]>
23     </sqlStatement>
24   </dataQuery>
25
26   <dataStructure>
27     <group name="G_ONKAR_PARA" source="Q_PARA_DETAILS">
28       <element name="VENDOR_NAME" value="VENDOR_NAME" />
29     </group>
30
31     <group name="G_ONKAR_XML VENDORS" source="Q_ONKAR_XML VENDORS">
32       <element name="VENDOR_ID" value="VENDOR_ID" />
33       <element name="VENDOR_NAME" value="VENDOR_NAME" />
34       <element name="SEGMENT1" value="SEGMENT1" />
35     </group>
36   </dataStructure>
37 </dataTemplate>
```

UPLOAD THIS FILE IN DATA DEFINITION AGAIN AND RUN THE REQUEST AGAIN.

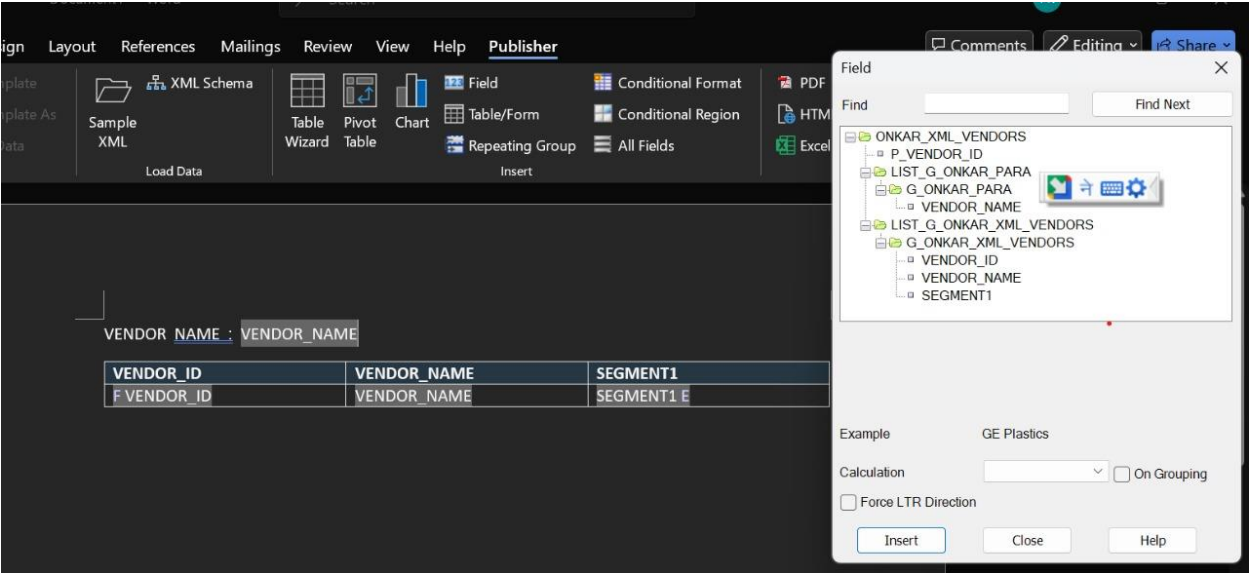
CHECK THE DIAGNOSTIC TO VIEW THE XML FILE.

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

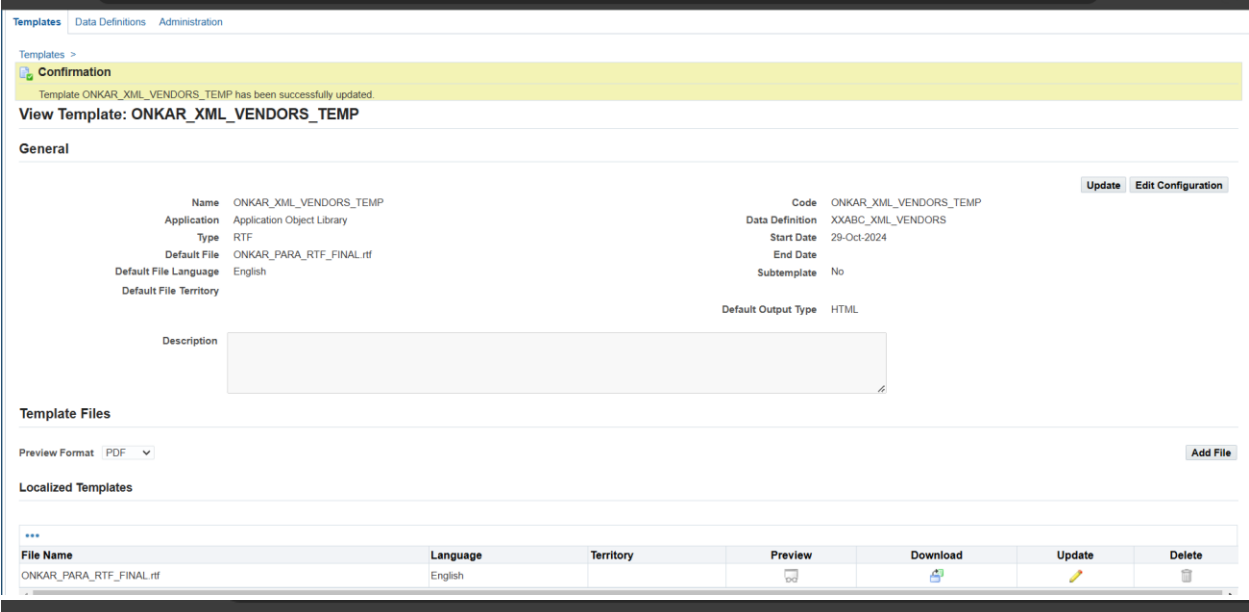
```
<ONKAR_XML VENDORS>
  <P_VENDOR_ID>1</P_VENDOR_ID>
  <LIST_G_ONKAR_PARA>
    <G_ONKAR_PARA>
      <VENDOR_NAME>GE Plastics</VENDOR_NAME>
    </G_ONKAR_PARA>
  </LIST_G_ONKAR_PARA>
  <LIST_G_ONKAR_XML VENDORS>
    <G_ONKAR_XML VENDORS>
      <VENDOR_ID>1</VENDOR_ID>
      <VENDOR_NAME>GE Plastics</VENDOR_NAME>
      <SEGMENT1>1000</SEGMENT1>
    </G_ONKAR_XML VENDORS>
  </LIST_G_ONKAR_XML VENDORS>
</ONKAR_XML VENDORS>
```

SAVE THE ABOVE XML AND UPLOAD IT ON WORD PUBLISHER (SAMPLE XML) FOR CREATING RTF FILE.

FIELD > VENDOR NAME > INSERT



SAVE ABOVE (ONKAR\_PARA\_RTF\_FINAL.RTF) AND UPLOAD IN TEMPLATE.



VENDOR NAME : GE Plastics

VENDOR_ID	VENDOR_NAME	SEGMENT1
1	GE Plastics	1000