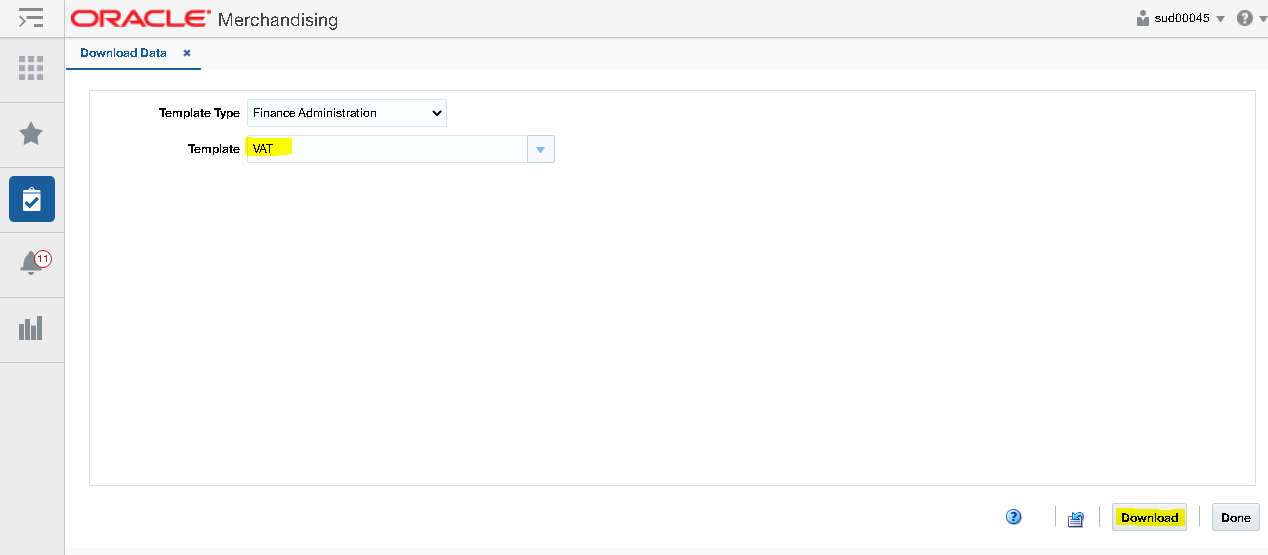
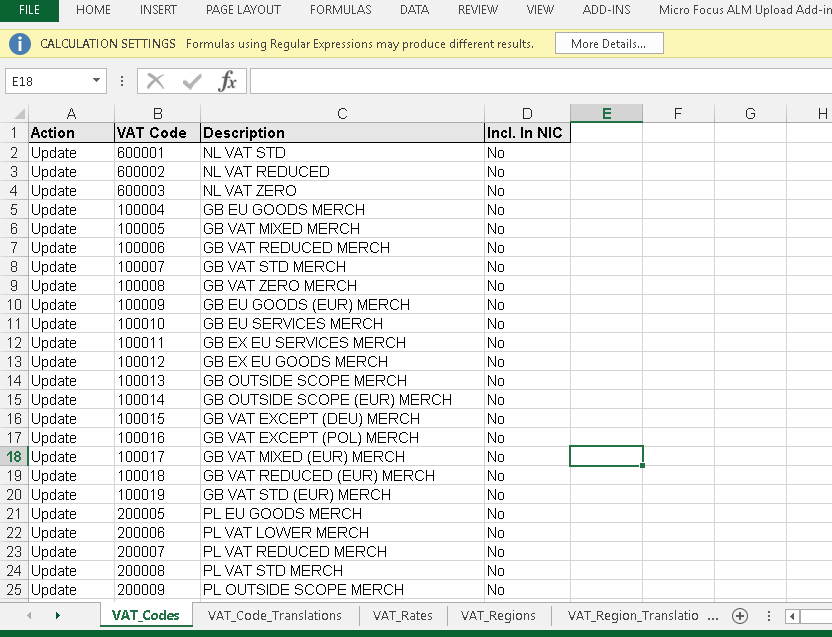
**Download data from RMS**

This is how we download specific information from RMS application in v16. This is using the Template Management framework in v15 and onwards.



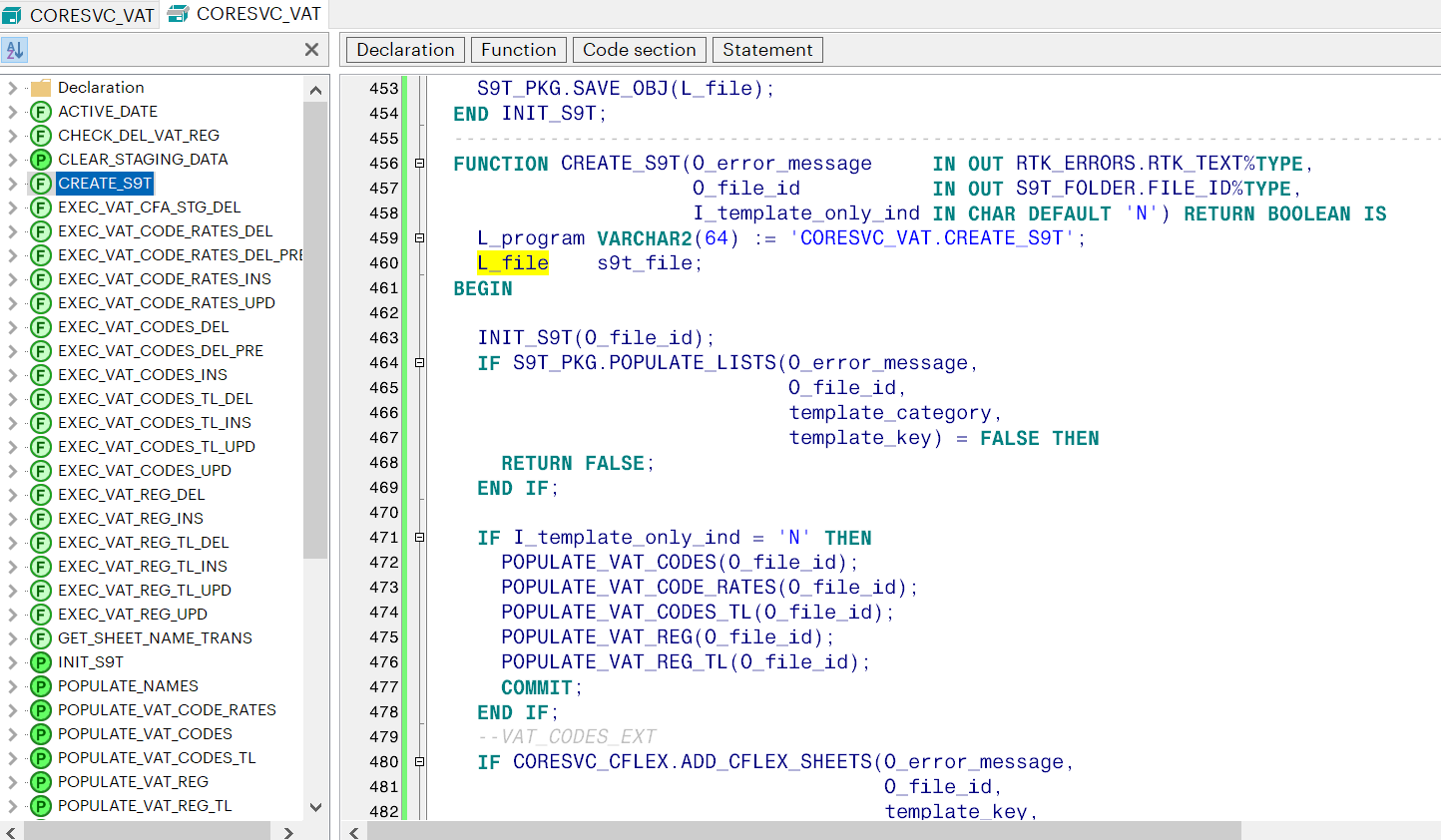
This how the downloaded data in a spreadsheet looks like:



Downloaded file below for reference:



Below is the package and the specific function (i.e. CREATE\_S9T) that contains the implementation details on how the VAT data is queried and written into a file.



**Example of Download Data from a custom sql using the base Template Management framework**

Create the below entries in the **s9t\_\*** tables:

**SELECT** \* **FROM** s9t\_template **WHERE** template\_key = 'TJX\_UC\_ADJ\_UPLD'; *--CHANGE TEMPLATE\_TYPE BACK TO PODT*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TEMPLATE\_KEY** | **TEMPLATE\_NAME** | **TEMPLATE\_DESC** | **FILE\_ID** | **CREATE\_ID** | **CREATE\_DATETIME** | **TEMPLATE\_TYPE** | **TEMPLATE\_CATEGORY** |
| TJX\_UC\_ADJ\_UPLD | Unit and Cash Adjustment Upload | Unit and Cash Adjustment Upload for TJX | 1 | TJX\_RMS13EU | 09-Oct-2019 05:44:24 PM | RMSFCO |  |

**SELECT** \* **FROM** s9t\_tmpl\_wksht\_def **WHERE** template\_key = 'TJX\_UC\_ADJ\_UPLD';

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **TEMPLATE\_KEY** | **WKSHT\_KEY** | **WKSHT\_NAME** | **MANDATORY** | **SEQ\_NO** |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | TJX\_UC\_ADJ | Y | 1 |

**SELECT** \* **FROM** s9t\_tmpl\_cols\_def **WHERE** template\_key = 'TJX\_UC\_ADJ\_UPLD';

| **TEMPLATE\_KEY** | **WKSHT\_KEY** | **COLUMN\_KEY** | **COLUMN\_NAME** | **MANDATORY** | **CREATE\_ID** | **CREATE\_DATETIME** | **LAST\_UPDATE\_ID** | **LAST\_UPDATE\_DATETIME** | **DEFAULT\_VALUE** | **REQUIRED\_VISUAL\_IND** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | ADJ\_NUMBER | ADJ\_NUMBER | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | Y |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | DEPT | DEPT | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | Y |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | TJX\_STYLE | TJX\_STYLE | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | Y |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | REASON | REASON | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | N |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | QTY | QTY | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | N |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | RETAIL | RETAIL | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | Y |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | LOCATION | LOCATION | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | N |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | VENDOR\_ORDER\_NO | VENDOR\_ORDER\_NO | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | Y |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | PROCESSING\_AREA | PROCESSING\_AREA | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | EG | N |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | KTR\_NUM | KTR\_NUM | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | Y |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | LANDED\_COST | LANDED\_COST | Y | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM | TJX\_RMS13EU | 09-OCT-19 05.44.24.000000 PM |  | Y |
| TJX\_UC\_ADJ\_UPLD | TJX\_UC\_ADJ | STATUS | STATUS | N | TJX\_RMS13EU | 09-OCT-19 06.24.55.000000 PM | TJX\_RMS13EU | 09-OCT-19 06.24.55.000000 PM | N | N |

**SELECT** \* **FROM** SVC\_TMPL\_API\_MAP **WHERE** template\_key **IN** ('TJX\_UC\_ADJ\_UPLD');

|  |  |  |  |
| --- | --- | --- | --- |
| **TEMPLATE\_KEY** | **DNLD\_API** | **UPLD\_API** | **PROCESS\_API** |
| TJX\_UC\_ADJ\_UPLD | CORESVC\_UCADJ.CREATE\_S9T | CORESVC\_UCADJ.CREATE\_S9T | CORESVC\_UCADJ.CREATE\_S9T |

Create the below package (body and specs) under TJX\_RMS13EU schema

CREATE OR REPLACE PACKAGE TJX\_RMS13EU.CORESVC\_UCADJ AUTHID CURRENT\_USER AS

template\_key CONSTANT VARCHAR2(255) := 'TJX\_UC\_ADJ\_UPLD';

template\_category CONSTANT VARCHAR2(255) := 'RMSFIN';

action\_new VARCHAR2(25) := 'NEW';

action\_mod VARCHAR2(25) := 'MOD';

action\_del VARCHAR2(25) := 'DEL';

UCADJ\_sheet VARCHAR2(255) := 'TJX\_UC\_ADJ';

TJX\_UC\_ADJ$Action NUMBER := 1;

TJX\_UC\_ADJ$ADJ\_NUMBER NUMBER := 2;

TJX\_UC\_ADJ$DEPT NUMBER := 3;

TJX\_UC\_ADJ$TJX\_STYLE NUMBER := 4;

TJX\_UC\_ADJ$REASON NUMBER := 5;

TJX\_UC\_ADJ$QTY NUMBER := 6;

TJX\_UC\_ADJ$RETAIL NUMBER := 7;

TJX\_UC\_ADJ$LOCATION NUMBER := 8;

TJX\_UC\_ADJ$VENDOR\_ORDER\_NO NUMBER := 9;

TJX\_UC\_ADJ$PROCESSING\_AREA NUMBER := 10;

TJX\_UC\_ADJ$KTR\_NUM NUMBER := 11;

TJX\_UC\_ADJ$LANDED\_COST NUMBER := 12;

TJX\_UC\_ADJ$STATUS NUMBER := 13;

action\_column VARCHAR2(255) := 'ACTION';

TYPE UCADJ\_rec\_tab IS TABLE OF tjx\_uc\_adj%ROWTYPE;

sheet\_name\_trans S9T\_PKG.trans\_map\_typ;

-------------------------------------------------------------------------------------------------------

FUNCTION CREATE\_S9T(O\_error\_message IN OUT RTK\_ERRORS.RTK\_TEXT%TYPE,

O\_file\_id IN OUT S9T\_FOLDER.FILE\_ID%TYPE,

I\_template\_only\_ind IN CHAR DEFAULT 'N') RETURN BOOLEAN;

--------------------------------------------------------------------------------------------------------

END CORESVC\_UCADJ;

/

CREATE OR REPLACE PACKAGE BODY TJX\_RMS13EU.CORESVC\_UCADJ AS

PROCEDURE INIT\_S9T(O\_file\_id IN OUT NUMBER) IS

L\_file s9t\_file;

L\_file\_name s9t\_folder.file\_name%TYPE;

BEGIN

L\_file := NEW s9t\_file();

O\_file\_id := s9t\_folder\_seq.NEXTVAL;

L\_file.file\_id := O\_file\_id;

L\_file\_name := template\_key || '\_' || GET\_USER || '\_' ||

SYSDATE || '.ods';

L\_file.file\_name := L\_file\_name;

L\_file.template\_key := template\_key;

L\_file.user\_lang := GET\_USER\_LANG;

L\_file.add\_sheet(UCADJ\_sheet);

L\_file.sheets(L\_file.get\_sheet\_index(UCADJ\_sheet)).column\_headers := S9T\_CELLS('ACTION',

'ADJ\_NUMBER',

'DEPT',

'TJX\_STYLE',

'REASON',

'QTY',

'RETAIL',

'LOCATION',

'VENDOR\_ORDER\_NO',

'PROCESSING\_AREA',

'KTR\_NUM',

'LANDED\_COST',

'STATUS');

S9T\_PKG.SAVE\_OBJ(L\_file);

END INIT\_S9T;

----------------------------------------------------------------

PROCEDURE POPULATE\_UCADJ(I\_file\_id IN NUMBER) IS

BEGIN

INSERT INTO TABLE

(SELECT ss.s9t\_rows

FROM s9t\_folder sf, TABLE(sf.s9t\_file\_obj.sheets) ss

WHERE sf.file\_id = I\_file\_id

AND ss.sheet\_name = UCADJ\_sheet)

SELECT s9t\_row(s9t\_cells(CORESVC\_UCADJ.action\_mod,

ADJ\_NUMBER,

DEPT,

TJX\_STYLE,

REASON,

QTY,

RETAIL,

LOCATION,

VENDOR\_ORDER\_NO,

PROCESSING\_AREA,

KTR\_NUM,

LANDED\_COST,

STATUS))

FROM tjx\_uc\_adj WHERE status = 'A';

END POPULATE\_UCADJ;

----------------------------------------------------------------------

FUNCTION CREATE\_S9T(O\_error\_message IN OUT RTK\_ERRORS.RTK\_TEXT%TYPE,

O\_file\_id IN OUT S9T\_FOLDER.FILE\_ID%TYPE,

I\_template\_only\_ind IN CHAR DEFAULT 'N') RETURN BOOLEAN IS

L\_program VARCHAR2(64) := 'CORESVC\_UCADJ.CREATE\_S9T';

L\_file s9t\_file;

BEGIN

INIT\_S9T(O\_file\_id);

/\*IF S9T\_PKG.POPULATE\_LISTS(O\_error\_message,

O\_file\_id,

template\_category,

template\_key) = FALSE THEN

RETURN FALSE;

END IF;\*/

IF I\_template\_only\_ind = 'N' THEN

POPULATE\_UCADJ(O\_file\_id);

COMMIT;

END IF;

S9T\_PKG.APPLY\_TEMPLATE(O\_file\_id, template\_key);

L\_file := S9T\_FILE(O\_file\_id);

IF S9T\_PKG.CODE2DESC(O\_error\_message, template\_category, L\_file) =

FALSE THEN

RETURN FALSE;

END IF;

S9T\_PKG.SAVE\_OBJ(L\_file);

S9T\_PKG.UPDATE\_ODS(L\_file);

RETURN TRUE;

EXCEPTION

WHEN OTHERS THEN

O\_error\_message := SQL\_LIB.CREATE\_MSG('PACKAGE\_ERROR',

SQLERRM,

L\_program,

TO\_CHAR(SQLCODE));

RETURN FALSE;

END CREATE\_S9T;

-------------------------------------------------------------

END CORESVC\_UCADJ;

/

Files below reference in .sql and .pck formats

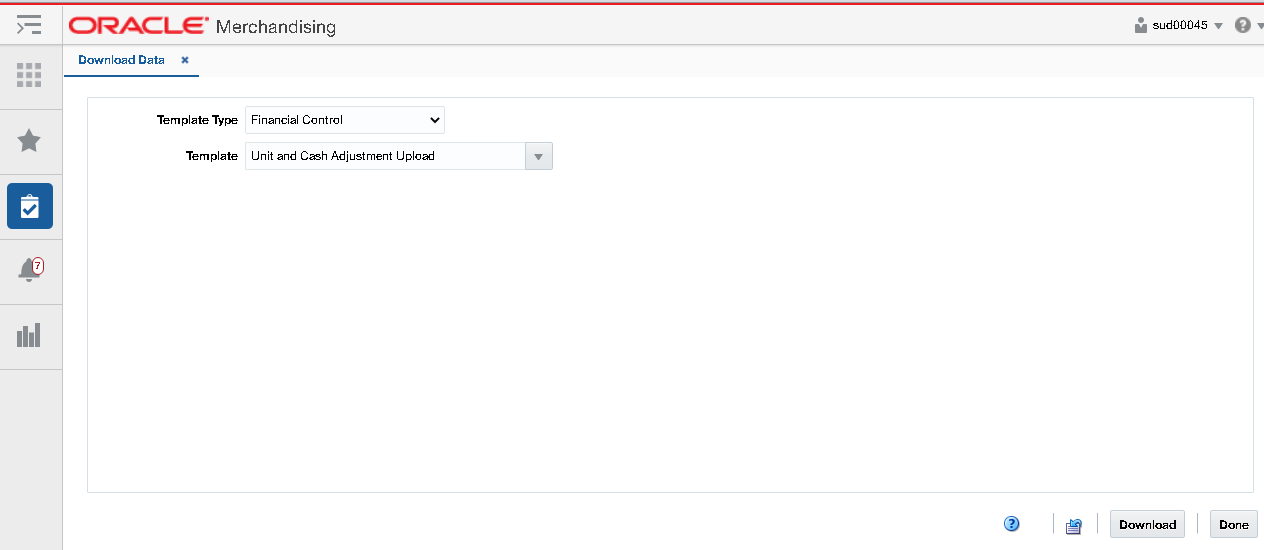
 

Next, grant **execute** permission and create **public synonyms** for the above package:

GRANT **EXECUTE** ON CORESVC\_UCADJ TO PUBLIC;

CREATE **PUBLIC SYNONYM** CORESVC\_UCADJ FOR CORESVC\_UCADJ;

Navigate to RMS v16 🡪 Tasks 🡪 Foundation Data 🡪 Data Loading Screen.



Select Template Type as “Financial Control” and template as Unit and Cash Adjustment (see above).

Click Download. The below .ods file should be created that contains approved uploaded Unit and Cash Adjustment records

