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*& --- REPORT ZAPPER_VENDOR_LINE_ITEMS BY PAVAN GOLESAR
*& --- DATED: 1ST OCT '14 Property: abaper.weebly.com
*& --- SKIP N COMMENT---*

REPORT ZAPPER_VENDOR_LINE_ITEMS LINE-SIZE 165 LINE-COUNT 65.

TABLES:EKKO, EKPO.

SELECTION-SCREEN: BEGIN OF BLOCK B1 WITH FRAME TITLE TEXT-001.

SELECT-OPTIONS: S_EBELN FOR EKKO-EBELN,
                 S_LIFNR FOR EKKO-LIFNR OBLIGATORY,
                 S_MATNR FOR EKPO-MATNR,
                 S_AEDAT FOR EKKO-AEDAT OBLIGATORY DEFAULT SY-DATUM,
                 S_WERKS FOR EKPO-WERKS.

PARAMETERS: P_EKORG TYPE EKKO-EKORG OBLIGATORY DEFAULT '1000'.

SELECTION-SCREEN: END OF BLOCK B1.

TYPES: BEGIN OF TY_EKKO,
        EBELN TYPE EKKO-EBELN,
        AEDAT TYPE EKKO-AEDAT,
        LIFNR TYPE EKKO-LIFNR,
        WAERS TYPE EKKO-WAERS,
        END OF TY_EKKO,

        BEGIN OF TY_EKPO,
        EBELN TYPE EKPO-EBELN,
        EBELP TYPE EKPO-EBELP,
        TXZ01 TYPE EKPO-TXZ01,
        MATNR TYPE EKPO-MATNR,
        MENGE TYPE EKPO-MENGE,
        MEINS TYPE EKPO-MEINS,
        NETWR TYPE EKPO-NETWR,
        END OF TY_EKPO,

        BEGIN OF TY_OUT,
        LIFNR TYPE EKKO-LIFNR,
        AEDAT TYPE EKKO-AEDAT,
        EBELN TYPE EKKO-EBELN,
        EBELP TYPE EKPO-EBELP,
        MATNR TYPE EKPO-MATNR,
        TXZ01 TYPE EKPO-TXZ01,
        MENGE TYPE EKPO-MENGE,
        MEINS TYPE EKPO-MEINS,
        NETWR TYPE EKPO-NETWR,
        WAERS TYPE EKKO-WAERS,
        END OF TY_OUT.

DATA: GT_EKKO TYPE TABLE OF TY_EKKO,
      GT_EKPO TYPE TABLE OF TY_EKPO,
      GT_OUT TYPE TABLE OF TY_OUT,

      GS_EKKO TYPE TY_EKKO,
      GS_EKPO TYPE TY_EKPO,
      GS_OUT TYPE TY_OUT.

INITIALIZATION.
  PERFORM REFRESHER_data.

```

```
AT SELECTION-SCREEN.  
  PERFORM CHECKER_data.
```

```
START-OF-SELECTION.  
  PERFORM FETCHER_data.
```

```
end-OF-SELECTION.  
  PERFORM MERGER_data.  
  PERFORM DISPLAYER_data.
```

```
*TOP-OF-PAGE.  
*      PERFORM TOPPER.
```

```
*&-----*  
*&      FORM REFRESHER  
*&-----*  
*      TEXT
```

```
FORM REFRESHER_data.
```

```
  REFRESH: GT_OUT, GT_EKKO, GT_EKPO.  
  CLEAR: GS_OUT, GS_EKKO, GS_EKPO.
```

```
ENDFORM.                " REFRESHER
```

```
*&-----*  
*&      FORM CHECKER  
*&-----*  
*      TEXT
```

```
FORM CHECKER_data.
```

```
  DATA: LV_EBELN, LV_LIFNR, LV_MATNR.
```

```
  SELECT SINGLE EBELN  
    FROM EKKO INTO LV_EBELN  
    WHERE EBELN IN S_EBELN.
```

```
  IF SY-SUBRC NE 0.  
    MESSAGE 'ENTER VALID PURCHASE ORDER' TYPE 'E'.  
  ENDIF.
```

```
  SELECT SINGLE LIFNR  
    FROM EKKO INTO LV_LIFNR  
    WHERE LIFNR IN S_LIFNR.
```

```
  IF SY-SUBRC NE 0.  
    MESSAGE 'ENTER VALID VENDOR ID' TYPE 'E'.  
  ENDIF.
```

```
  SELECT SINGLE MATNR  
    FROM EKPO INTO LV_MATNR  
    WHERE MATNR IN S_MATNR.
```

```
  IF SY-SUBRC NE 0.  
    MESSAGE 'ENTER VALID MATERIAL ID' TYPE 'E'.  
  ENDIF.
```

```
SELECT SINGLE EKORG
      FROM EKKO INTO P_EKORG
      WHERE EKORG = P_EKORG.
```

```
IF SY-SUBRC NE 0.
```

```
  MESSAGE 'ENTER VALID PURCHASING ORGANISATION' TYPE 'E'.
```

```
ENDIF.
```

```
ENDFORM.                " CHECKER
```

```
*&-----*
```

```
*&      FORM  FETCHER
```

```
*&-----*
```

```
*      TEXT
```

```
FORM FETCHER_data.
```

```
SELECT EBELN AEDAT LIFNR WAERS
      FROM EKKO INTO TABLE GT_EKKO
      WHERE EBELN IN S_EBELN
      AND LIFNR IN S_LIFNR
      AND AEDAT IN S_AEDAT
      AND EKORG = P_EKORG.
```

```
IF SY-SUBRC NE 0.
```

```
  MESSAGE 'NO DATA AVAILABLE FOR PROVIDED INPUT' TYPE 'E'.
```

```
ELSE.
```

```
  SORT GT_EKKO.
```

```
ENDIF.
```

```
IF NOT GT_EKKO IS INITIAL.
```

```
SELECT EBELN EBELP TXZ01 MATNR MENGE MEINS NETWR
      FROM EKPO INTO TABLE GT_EKPO
      FOR ALL ENTRIES IN GT_EKKO
      WHERE EBELN EQ GT_EKKO-EBELN
      AND MATNR IN S_MATNR
      AND WERKS IN S_WERKS.
```

```
IF SY-SUBRC NE 0.
```

```
  MESSAGE 'NO DATA AVAILABLE FOR PROVIDED INPUT' TYPE 'E'.
```

```
ELSE.
```

```
  SORT GT_EKPO.
```

```
ENDIF.
```

```
ENDIF.
```

```
ENDFORM.                " FETCHER
```

```
*&-----*
```

```
*&      FORM  MERGER
```

```
*&-----*
```

```
*      TEXT
```

FORM MERGER_data.

LOOP AT GT_EKPO INTO GS_EKPO.

GS_OUT-EBELP = GS_EKPO-EBELP.
GS_OUT-MATNR = GS_EKPO-MATNR.
GS_OUT-TXZ01 = GS_EKPO-TXZ01.
GS_OUT-MENGE = GS_EKPO-MENGE.
GS_OUT-MEINS = GS_EKPO-MEINS.
GS_OUT-NETWR = GS_EKPO-NETWR.

LOOP AT GT_EKKO INTO GS_EKKO WHERE
EBELN = GS_EKPO-EBELN.

GS_OUT-LIFNR = GS_EKKO-LIFNR.
GS_OUT-AEDAT = GS_EKKO-AEDAT.
GS_OUT-EBELN = GS_EKKO-EBELN.
GS_OUT-WAERS = GS_EKKO-WAERS.

APPEND GS_OUT TO GT_OUT.
CLEAR GS_EKKO.
ENDLOOP.

CLEAR: GS_OUT, GS_EKPO.
ENDLOOP.

SORT GT_OUT BY EBELN LIFNR AEDAT.

ENDFORM. " MERGER

&-----
*& FORM DISPLAYER
&-----
* TEXT

FORM DISPLAYER_data.

WRITE: 'Date: ', SY-DATUM, 'Name' , SY-UNAME.
skip 1.

LOOP AT GT_OUT INTO GS_OUT.

WRITE: / GS_OUT-LIFNR,
GS_OUT-AEDAT,
GS_OUT-EBELN,
GS_OUT-EBELP,
GS_OUT-MATNR,
GS_OUT-TXZ01,
GS_OUT-MENGE,
GS_OUT-MEINS,
GS_OUT-NETWR,
GS_OUT-WAERS.

AT END OF EBELN.
SUM.
ENDAT.

ENDLOOP.
ENDFORM. " DISPLAYER