ABAP Program to Extract the Units of Measure

Contributed by Anon.
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* Extract the Unit of Conversion from Material Master
REPORT ZUNT MESSAGE-ID Z1
       LINE-SIZE 195 NO STANDARD PAGE HEADING LINE-COUNT 060(001).

TABLES: MARM,         " Units of Measure
       MARC,         " Material Master: C Segment
       MARA,         " Material Master: General Data
       EINE,         " Purchasing Info Record - Purchasing Organization
       EINA.         " Purchasing Info Record - General Data

SELECT-OPTIONS X_WERKS FOR MARC-WERKS.
SELECT-OPTIONS X_MTART FOR MARA-MTART.
SELECT-OPTIONS X_MEINS FOR MARA-MEINS.
SELECT-OPTIONS X_MATNR FOR MARM-MATNR.
SELECT-OPTIONS X_ESOKZ FOR EINE-ESOKZ.

DATA: BEGIN OF INT_MARC OCCURS 0,
     WERKS LIKE MARC-WERKS,
     MTART LIKE MARA-MTART,
     MATNR LIKE MARC-MATNR,
     MEINS LIKE MARA-MEINS,
     UMREN LIKE MARM-UMREN,
     UMREZ LIKE MARM-UMREZ,
     MEINH LIKE MARM-MEINH,
     ESOKZ LIKE EINE-ESOKZ,
     END OF INT_MARC.

SELECT * FROM MARC.
  CHECK X_WERKS.

  CLEAR MARM.
  SELECT SINGLE * FROM MARM WHERE MATNR = MARC-MATNR.
  CHECK SY-SUBRC = 0.

  CLEAR MARA.
  SELECT SINGLE * FROM MARA WHERE MATNR = MARC-MATNR.
  CHECK X_MTART.
  CHECK X_MEINS.
  CHECK MARA-LVORM = SPACE.

  CLEAR EINA.
  SELECT SINGLE * FROM EINA WHERE MATNR = MARC-MATNR
                        AND LOEKZ = SPACE.

  CLEAR EINE.
  SELECT SINGLE * FROM EINE WHERE INFNR = EINA-INFNR
                        AND LOEKZ = SPACE.
  CHECK X_ESOKZ.

  INT_MARC-WERKS = MARC-WERKS.
  INT_MARC-MTART = MARA-MTART.
  INT_MARC-MATNR = MARC-MATNR.
  INT_MARC-MEINS = MARA-MEINS.
  INT_MARC-UMREN = MARM-UMREN.
  INT_MARC-UMREZ = MARM-UMREZ.
  INT_MARC-MEINH = MARM-MEINH.
  INT_MARC-ESOKZ = EINE-ESOKZ.
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  APPEND INT_MARC.
  CLEAR  INT_MARC.

ENDSELECT.

SORT INT_MARC BY WERKS ESOKZ MTART MATNR.
MESSAGE I086 WITH 'loop at int_marc'.
LOOP AT INT_MARC.
  FORMAT COLOR COL_GROUP.
  WRITE: / INT_MARC-WERKS UNDER 'Plt',
           INT_MARC-MTART UNDER 'M.Type',
           INT_MARC-MATNR UNDER 'Material',
           INT_MARC-MEINS UNDER 'Unit',
           INT_MARC-UMREN UNDER 'Denom',
           INT_MARC-UMREZ UNDER 'Numer',
           INT_MARC-MEINH UNDER 'Alt',
           INT_MARC-ESOKZ UNDER 'Cat'.
ENDLOOP.

TOP-OF-PAGE.
 FORMAT COLOR COL_TOTAL.
 WRITE: / SY-DATUM, SY-UZEIT, SY-REPID, SY-UNAME,
        'Material Unit Conversion',
        SY-PAGNO.
  SKIP.
  WRITE: /1 'Plt',
         5 'M.Type',
        12 'Material',
        32 'Unit',
        37 'Denom',
        47 'Numer',
        57 'Alt',
        61 'Cat'.
  SKIP.
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