ProgramS: ZJANA\_BILLITEM\_SUBROUTINE\_EXT

**ZJANA\_PROCEDURES\_SUBROUTINES**

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*\*& Report ZJANA\_BILLITEM\_SUBROUTINE\_EXT*  
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REPORT ZJANA\_BILLITEM\_SUBROUTINE\_EXT.  
  
DATA: it\_header type zjana\_t\_header,  
 it\_item TYPE zjana\_t\_item.  
  
DATA: v\_vbeln TYPE vbrk-vbeln.  
SELECT-OPTIONS s\_vbeln FOR v\_vbeln.  
  
START-OF-SELECTION.  
PERFORM get\_data.  
  
END-OF-SELECTION.  
PERFORM display.  
  
FORM get\_data.  
 PERFORM get\_HeaderData IN PROGRAM ZJANA\_PROCEDURES\_SUBROUTINES using s\_vbeln[] CHANGING it\_header.  
  
 PERFORM get\_ItemData IN PROGRAM ZJANA\_PROCEDURES\_SUBROUTINES using s\_vbeln[] CHANGING it\_item.  
 ENDFORM.  
  
  
 FORM Display.  
 Data: lw\_header LIKE LINE OF it\_header,  
 lw\_item LIKE LINE OF it\_item.  
  
 SORT it\_item by vbeln posnr.  
  
 LOOP AT it\_item INTO lw\_item.  
  
 AT NEW vbeln.  
 Read TABLE it\_header INTO lw\_header with KEY vbeln = lw\_item-vbeln.  
  
 WRITE : / 'Doc No:', lw\_header-vbeln,  
 / 'Payer:', lw\_header-name1,  
 / 'Date:', lw\_header-fkdat,  
 / 'Net Value:', lw\_header-netwr.  
 SKIP.  
 WRITE : /5 'Item',  
 20 'Material',  
 50 'Quantity',  
 60 'UoM',  
 90 'Net Value'.  
  
 ENDAT.  
  
 WRITE : /5 lw\_item-posnr,  
 20 lw\_item-matnr,  
 40 lw\_item-fkimg,  
 60 lw\_item-mseht,  
 80 lw\_item-netwr.  
 ENDLOOP.  
 ENDFORM.

*\*&---------------------------------------------------------------------\**  
*\*& Report ZJANA\_PROCEDURES\_SUBROUTINES*  
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*\*&---------------------------------------------------------------------\**  
REPORT zjana\_procedures\_subroutines.  
  
  
TYPES tr\_vbeln TYPE RANGE OF vbrk-vbeln.  
  
  
FORM get\_HeaderData USING r\_vbeln TYPE tr\_vbeln p\_it\_header TYPE zjana\_t\_header.  
  
 TYPES: BEGIN OF ty\_kna1,  
 kunnr TYPE kna1-kunnr,  
 name1 TYPE kna1-name1,  
 END OF ty\_kna1.  
 DATA: lt\_vbrk TYPE TABLE OF zjana\_vbrk,  
 lw\_vbrk LIKE LINE OF lt\_vbrk.  
 DATA: lt\_kna1 TYPE STANDARD TABLE OF ty\_kna1,  
 lw\_kna1 LIKE LINE OF lt\_kna1.  
  
 DATA lw\_header LIKE LINE OF p\_it\_header.  
  
 SELECT \* FROM zjana\_vbrk INTO TABLE lt\_vbrk WHERE vbeln IN r\_vbeln.  
  
 IF sy-subrc IS INITIAL.  
 SELECT kunnr name1 FROM kna1 INTO TABLE lt\_kna1 FOR ALL ENTRIES IN lt\_vbrk WHERE kunnr EQ lt\_vbrk-KUNRG.  
 ENDIF.  
  
  
 LOOP AT lt\_vbrk INTO lw\_vbrk.  
 READ TABLE lt\_kna1 INTO lw\_kna1 WITH KEY kunnr = lw\_vbrk-kunrg.  
  
 MOVE-CORRESPONDING lw\_vbrk TO lw\_header.  
 MOVE-CORRESPONDING lw\_kna1 TO lw\_header.  
 APPEND lw\_header TO p\_it\_header.  
 CLEAR lw\_header.  
  
 ENDLOOP.  
 ENDFORM.  
  
  
 FORM get\_ItemData USING r\_vbeln type tr\_vbeln CHANGING p\_it\_item type zjana\_t\_item.  
  
 TYPES: BEGIN OF ty\_t006a,  
 msehi TYPE t006a-msehi,  
 mseht TYPE t006a-mseht,  
 END OF ty\_t006a.  
  
 Data: lt\_vbrp type table of zjana\_vbrp,  
 lw\_vbrp LIKE LINE OF lt\_vbrp.  
 Data: lt\_t006a type table of ty\_t006a,  
 lw\_t006a LIKE LINE OF lt\_t006a.  
 DATA: it\_item type zjana\_t\_item.  
Data lw\_item LIKE LINE OF p\_it\_item.  
  
SELECT \* from zjana\_vbrp INTO table lt\_vbrp where vbeln in r\_vbeln.  
 SELECT msehi mseht from t006a into table lt\_t006a FOR ALL ENTRIES IN lt\_vbrp where msehi EQ lt\_vbrp-vrkme.  
  
 LOOP At lt\_vbrp INTO lw\_vbrp.  
  
 READ TABLE lt\_t006a into lw\_t006a WITH KEY msehi = lw\_vbrp-vrkme.  
  
 MOVE-CORRESPONDING lw\_vbrp to lw\_item.  
 MOVE-CORRESPONDING lw\_t006a to lw\_item.  
 AppEND lw\_item to p\_it\_item.  
 clear lw\_item.  
 ENDLOOP.  
  
  
ENDFORM.

**Result:**

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