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*&---------------------------------------------------------------------*
*& Report  Y90_ACCOUNT_DOCUMENT_DETAIL
*& Developer Milly
*&---------------------------------------------------------------------*
*& Dated : 02.01.2018
*&
*&---------------------------------------------------------------------*
REPORT Y90_ACCOUNT_DOCUMENT_DETAIL.
tables : bkpf, bseg ,lfa1, vbsegk.

type-pools: slis.

data: g_repid     like sy-repid,
      gt_events   type slis_t_event,
      gt_sort     type slis_t_sortinfo_alv,
      gs_layout   type slis_layout_alv,
      gt_fieldcat type slis_t_fieldcat_alv,
      fieldcat_ln like line of gt_fieldcat.

types : begin of ty_bkpf,
          bukrs like bkpf-bukrs,
          belnr like bkpf-belnr,
          gjahr like bkpf-gjahr,
          blart like bkpf-blart,
          bldat like bkpf-bldat,
          budat like bkpf-budat,
          xblnr like bkpf-xblnr,
          USNAM like bkpf-USNAM,
          BSTAT LIKE BKPF-BSTAT,
        end of ty_bkpf.

data : it_bkpf type standard table of ty_bkpf,
       wa_bkpf type ty_bkpf.

data : it_bkpf1 type standard table of ty_bkpf,
       wa_bkpf1 type ty_bkpf.

types : begin of ty_bseg,
          bukrs like bkpf-bukrs,
          belnr like bkpf-belnr,
          gjahr like bkpf-gjahr,
          buzei like bseg-buzei,
          shkzg like bseg-shkzg,
          dmbtr like bseg-dmbtr,
          zuonr like bseg-zuonr,
          sgtxt like bseg-sgtxt,
          hkont like bseg-hkont,
          lifnr like bseg-lifnr,
          KOART LIKE bseg-KOART,
        end of ty_bseg.

data : it_bseg type standard table of ty_bseg,
       wa_bseg type ty_bseg.
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types : begin of ty_vbsegk,
          bukrs like bkpf-bukrs,
          belnr like bkpf-belnr,
          gjahr like bkpf-gjahr,
          buzei like bseg-buzei,
          shkzg like bseg-shkzg,
          dmbtr like bseg-dmbtr,
          zuonr like bseg-zuonr,
          sgtxt like bseg-sgtxt,
          hkont like bseg-hkont,
          lifnr like bseg-lifnr,
        end of ty_vbsegk.

data : it_vbsegk TYPE STANDARD TABLE OF ty_vbsegk,
       wa_vbsegk TYPE ty_vbsegk.

types : begin of ty_fin,
          belnr  like bkpf-belnr,
          bldat  like bkpf-bldat,
          budat  like bkpf-budat,
          xblnr  like bkpf-xblnr,
          blart  like bkpf-blart,
          sgtxt  like bseg-sgtxt,
          hkont  like bseg-hkont,
          kunnr  like bseg-kunnr,
          lifnr  like bseg-lifnr,
          AMT    like bseg-dmbtr,
          name1  like lfa1-name1,
        end of ty_fin.

data : it_fin type standard table of ty_fin,
       wa_fin type ty_fin.

start-of-selection.
  selection-screen skip 1.
  selection-screen begin of block v-1 with frame title text-025.
  select-options:
  bukrs for bkpf-bukrs default 1000,
  belnr for bkpf-belnr,
  gjahr for bkpf-gjahr,
  BUDAT for bkpf-BUDAT obligatory,
  USNAM for bkpf-USNAM.
  selection-screen skip 1.
  selection-screen end of block v-1.
  selection-screen skip 1.

*   SELECTION-SCREEN BEGIN OF BLOCK B2 WITH FRAME TITLE TEXT-004.
*
*   SELECTION-SCREEN BEGIN OF LINE.
*   PARAMETERS : R1 RADIOBUTTON GROUP G1 DEFAULT 'X'.
*   SELECTION-SCREEN COMMENT 5(20) TEXT-002 FOR FIELD R1.
*   SELECTION-SCREEN END OF LINE.
*
*   SELECTION-SCREEN BEGIN OF LINE.
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```
*   PARAMETERS : R2 RADIOBUTTON GROUP G1.
*   SELECTION-SCREEN COMMENT 5(20) TEXT-003 FOR FIELD R2.
*   SELECTION-SCREEN END OF LINE.
*
*   SELECTION-SCREEN END OF BLOCK B2.
*
* AT SELECTION-SCREEN OUTPUT.
*
*   LOOP AT SCREEN.
*
*     IF R1 EQ 'X' AND SCREEN-GROUP1 EQ 'S2'.
*       SCREEN-INPUT = 0.
*       MODIFY SCREEN.
*     ENDIF.
*
*     IF R2 EQ 'X' AND SCREEN-GROUP1 EQ 'S1'.
*       SCREEN-INPUT = 0.
*       MODIFY SCREEN.
*     ENDIF.
*
*   ENDLOOP.

start-of-selection.

  perform data.
  perform build.
  perform call_alv.

form data.


    select bukrs
           belnr
           gjahr
           blart
           bldat
           budat
           xblnr
           USNAM
           BSTAT from bkpf into table it_bkpf where bukrs in bukrs and
                                                    belnr in belnr and
                                                    gjahr in gjahr and
                                                    BUDAT in BUDAT and
                                                    USNAM in USNAM and
                                                    ( blart eq 'RE' OR blart EQ
'SA' ).

  if not it_bkpf is initial.
    select bukrs
           belnr
           gjahr
           buzei
           shkzg
           dmbtr
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```abap
              zuonr
              sgtxt
              hkont
              lifnr
              KOART from bseg into table it_bseg for all entries in it_bkpf
                                 where bukrs eq it_bkpf-bukrs and
                                       belnr eq it_bkpf-belnr and
                                       gjahr eq it_bkpf-gjahr AND
                                       KOART eq 'K' and
                                       LIFNR NE ' '.

     endif.

loop at it_bseg into wa_bseg.

  wa_fin-AMT   = wa_bseg-dmbtr.
  wa_fin-belnr = wa_bseg-belnr.
  wa_fin-lifnr = wa_bseg-lifnr.

  select single name1 from lfa1 into (lfa1-name1) where lifnr = wa_bseg-lifnr.
  if sy-subrc eq 0.
  wa_fin-name1 = lfa1-name1.
  endif.

  clear wa_bkpf.
  read table it_bkpf into wa_bkpf with key bukrs = wa_bseg-bukrs
                                           belnr = wa_bseg-belnr
                                           gjahr = wa_bseg-gjahr.
  if sy-subrc eq 0.
  wa_fin-blart = wa_bkpf-blart.
  wa_fin-bldat = wa_bkpf-bldat.
  wa_fin-budat = wa_bkpf-budat.
  wa_fin-xblnr = wa_bkpf-xblnr.
  endif.

  append wa_fin to it_fin.
  clear: wa_fin.
  clear lfa1-name1.
endloop.

   select bukrs
       belnr
       gjahr
       blart
       bldat
       budat
       xblnr
       USNAM
       BSTAT from bkpf into table it_bkpf1 where bukrs in bukrs and
                                     belnr in belnr and
                                     gjahr in gjahr and
                                     BUDAT in BUDAT and
                                     USNAM in USNAM and
                                     BSTAT EQ 'V' AND
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```abap
                                                ( blart eq 'RE' OR blart EQ
'SA' ).

   if not it_bkpf1 is initial.
     select bukrs
            belnr
            gjahr
            buzei
            shkzg
            dmbtr
            zuonr
            sgtxt
            hkont
            lifnr
              from vbsegk into table it_vbsegk for all entries in it_bkpf1
                                      where bukrs eq it_bkpf1-bukrs and
                                            belnr eq it_bkpf1-belnr and
                                            gjahr eq it_bkpf1-gjahr AND
                                            LIFNR NE ' '.
     endif.

   LOOP AT it_vbsegk INTO WA_vbsegk.
    wa_fin-AMT   = wa_vbsegk-dmbtr.
    wa_fin-belnr = wa_vbsegk-belnr.
    wa_fin-lifnr = wa_vbsegk-lifnr.

     select single name1 from lfa1 into (lfa1-name1) where lifnr = wa_vbsegk-
lifnr.
     if sy-subrc eq 0.
     wa_fin-name1 = lfa1-name1.
     endif.

     clear wa_bkpf1.
     read table it_bkpf1 into wa_bkpf1 with key bukrs = wa_vbsegk-bukrs
                                            belnr = wa_vbsegk-belnr
                                            gjahr = wa_vbsegk-gjahr.
     if sy-subrc eq 0.
     wa_fin-blart = wa_bkpf1-blart.
     wa_fin-bldat = wa_bkpf1-bldat.
     wa_fin-budat = wa_bkpf1-budat.
     wa_fin-xblnr = wa_bkpf1-xblnr.
     endif.

     append wa_fin to it_fin.
     clear: wa_fin.
    ENDLOOP.

ENDFORM.

form build .


  data: fieldcat_in type slis_fieldcat_alv.
  clear fieldcat_in.
```

```abap
fieldcat_ln-fieldname = 'BLDAT'.
fieldcat_ln-tabname = 'IT_FIN'.
fieldcat_ln-no_out = ' '.
fieldcat_ln-seltext_l = 'DOCUMENT DATE'.
fieldcat_ln-no_zero = 'X'.
append fieldcat_ln to gt_fieldcat.

clear fieldcat_in.
fieldcat_ln-fieldname = 'BELNR'.
fieldcat_ln-tabname = 'IT_FIN'.
fieldcat_ln-no_out = ' '.
fieldcat_ln-seltext_l = 'DOCUMENT NUMBER'.
fieldcat_ln-no_zero = 'X'.
append fieldcat_ln to gt_fieldcat.

clear fieldcat_in.
fieldcat_ln-fieldname = 'BLART'.
fieldcat_ln-tabname = 'IT_FIN'.
fieldcat_ln-no_out = ' '.
fieldcat_ln-seltext_l = 'DOCUMENT TYPE'.
fieldcat_ln-no_zero = 'X'.
append fieldcat_ln to gt_fieldcat.

clear fieldcat_in.
fieldcat_ln-fieldname = 'XBLNR'.
fieldcat_ln-tabname = 'IT_FIN'.
fieldcat_ln-no_out = ' '.
fieldcat_ln-seltext_l = 'REFERENCE'.
fieldcat_ln-no_zero = 'X'.
append fieldcat_ln to gt_fieldcat.

clear fieldcat_in.
fieldcat_ln-fieldname = 'AMT'.
fieldcat_ln-tabname = 'IT_FIN'.
fieldcat_ln-no_out = ' '.
fieldcat_ln-seltext_l = 'AMOUNT'.
fieldcat_ln-no_zero = 'X'.
append fieldcat_ln to gt_fieldcat.

clear fieldcat_in.
fieldcat_ln-fieldname = 'LIFNR'.
fieldcat_ln-tabname = 'IT_FIN'.
fieldcat_ln-no_out = ' '.
fieldcat_ln-seltext_l = 'VENDOR'.
fieldcat_ln-no_zero = 'X'.
append fieldcat_ln to gt_fieldcat.

clear fieldcat_in.
fieldcat_ln-fieldname = 'NAME1'.
fieldcat_ln-tabname = 'IT_FIN'.
fieldcat_ln-no_out = ' '.
fieldcat_ln-seltext_l = 'VENDOR NAME'.
fieldcat_ln-no_zero = 'X'.
append fieldcat_ln to gt_fieldcat.
```

```abap
  gs_layout-no_input            = 'X'.
  gs_layout-colwidth_optimize = 'X'.
  gs_layout-totals_text        = 'TOTALS'(201).
  gs_layout-zebra              = 'X'.

endform.

form call_alv.
  g_repid = sy-repid.
  call function 'REUSE_ALV_GRID_DISPLAY'
    exporting
      i_callback_program      = g_repid
*      I_CALLBACK_USER_COMMAND = 'FRM_ALV_USER_COMMAND'
*       i_callback_top_of_page = 'TOP_OF_PAGE'
*      I_STRUCTURE_NAME        = 'IT_FIN'
      is_layout               = gs_layout
      it_fieldcat             = gt_fieldcat[]
      i_default               = 'X'
      i_save                  = 'A'
*      IS_VARIANT             = GT_VARIANT
    tables
      t_outtab                = it_fin.
endform. "CALL_ALV
```