

Program Name: ZABAP_EX16MAIL_PDC6

Description: Email zprogram, connected to zprogram ZABAP_EX16GBLCLASS_PDC6

Source Code:

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*&-----*
*& Report ZABAP_EX16MAIL_PDC6
*&-----*
*&
*&-----*
REPORT zabap_ex16mail_pdc6.

TYPES: BEGIN OF ty_file,
        filelen      TYPE w3param-cont_len,
        binary_tbl   TYPE w3mimetabtype,
        filename     TYPE so_obj_des,
      END OF ty_file.

DATA: gt_file        TYPE STANDARD TABLE OF ty_file,
      gs_file        TYPE ty_file,
      gr_table       TYPE REF TO cl_salv_table,
      gt_npo         TYPE zcl_pdc6_ex16=>ty_po,
      gt_nso         TYPE zcl_pdc6_ex16=>ty_po,
      gv_nno         TYPE i,
      gv_mailadd     TYPE adr6-smtp_addr "so_rec_ext
      .
DATA: gv_xstring     TYPE xstring,
      gv_xlen        TYPE w3param-cont_len,
      gt_binary_table TYPE w3mimetabtype,
      gr_request     TYPE REF TO cl_bcs,
      gv_body_text   TYPE bcsy_text,
      gv_subject     TYPE so_obj_des,
      gr_recipient   TYPE REF TO if_recipient_bcs,
      gr_document    TYPE REF TO cl_document_bcs,
      gv_size        TYPE so_obj_len.

*INITIALIZATION.
*  FREE: gt_file, gs_file, gr_table, gt_npo, gt_nso, gv_nno, gv_mailadd,
*  gv_xstring, gv_xlen, gr_request, gv_body_text, gv_subject, gr_recipient,
*  gr_document, gv_size.

SELECTION-SCREEN BEGIN OF BLOCK frame0 WITH FRAME TITLE TEXT-adr.
SELECTION-SCREEN: BEGIN OF LINE.
SELECTION-SCREEN COMMENT (72) TEXT-not.
SELECTION-SCREEN: END OF LINE.
PARAMETERS: p_mail TYPE string.
SELECTION-SCREEN END OF BLOCK frame0.

AT SELECTION-SCREEN OUTPUT.
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AT SELECTION-SCREEN.

START-OF-SELECTION.

END-OF-SELECTION.

```
IF p_mail IS NOT INITIAL.
    IMPORT gv_no = gv_nno FROM MEMORY ID 'DEF'.
    IMPORT gt_po = gt_npo FROM MEMORY ID 'ABC'.
    IMPORT gt_so = gt_nso FROM MEMORY ID 'ABC'.

    CONDENSE: p_mail NO-GAPS.
    SPLIT p_mail AT ',' INTO TABLE DATA(gt_srcpt).

    CASE gv_nno.
        WHEN 1.
            TRY.
                CALL METHOD cl_salv_table=>factory
                    IMPORTING
                        r_salv_table = gr_table
                    CHANGING
                        t_table      = gt_npo.
                APPEND 'Hi, this is only for single entry.' TO gv_body_text.
                gv_subject = 'Single Entry of PO ALV'.
            CATCH cx_salv_msg .
        ENDTRY.
        WHEN 2.
            TRY.
                CALL METHOD cl_salv_table=>factory
                    IMPORTING
                        r_salv_table = gr_table
                    CHANGING
                        t_table      = gt_npo.
                APPEND 'Hi, this is Multiple PO header and items, and also the PO
ALV result.' TO gv_body_text.
                gv_subject = 'Multiple Entry of PO ALV'.
            CATCH cx_salv_msg .
        ENDTRY.
        WHEN 3.
            TRY.
                CALL METHOD cl_salv_table=>factory
                    IMPORTING
                        r_salv_table = gr_table
                    CHANGING
                        t_table      = gt_nso.
                APPEND 'Hi, this is Multiple SO header and items, and also the SO
ALV result.' TO gv_body_text.
                gv_subject = 'Multiple Entry of SO ALV'.
            CATCH cx_salv_msg .
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    ENDTRY.
ENDCASE.

TRY.
    gv_xstring = gr_table->to_xml( if_salv_bs_xml=>c_type_xlsx ).

    CALL FUNCTION 'SCMS_XSTRING_TO_BINARY'
        EXPORTING
            buffer          = gv_xstring
        IMPORTING
            output_length = gs_file-filelen "gv_xlen
        TABLES
            binary_tab     = gs_file-binary_tbl. "gt_binary_table.

    IF gv_nno EQ 1 OR gv_nno EQ 2.
        gs_file-filename = 'po_alv_result.xlsx'.
    ELSE.
        gs_file-filename = 'so_alv_result.xlsx'.
    ENDIF.

    APPEND gs_file TO gt_file.
    FREE gs_file.

    IF gv_nno EQ 2 OR gv_nno EQ 3.
        IMPORT gt_bin = gt_binary_table FROM MEMORY ID 'XYZ'. "gt_binary_ta
ble

        IMPORT gv_zise = gv_xlen FROM MEMORY ID 'ZYX'. "gv_xlen
        gs_file-binary_tbl = gt_binary_table.
        gs_file-filelen = gv_xlen.
        IF gv_nno EQ 2.
            gs_file-filename = 'po_uploaded_file.xlsx'.
        ELSE.
            gs_file-filename = 'so_uploaded_file.xlsx'.
        ENDIF.
        APPEND gs_file TO gt_file.
        FREE gs_file.
    ENDIF.

    IF gt_file[] IS NOT INITIAL.
        gr_request = cl_bcs=>create_persistent( ).

        gr_document = cl_document_bcs=>create_document(
            i_type = 'RAW'
            i_text = gv_body_text
            i_subject = gv_subject ).
        LOOP AT gt_file INTO gs_file.

            gv_size = gs_file-filelen.

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        gr_document->add_attachment(
            i_attachment_type = 'EXT'
            i_attachment_subject = gs_file-filename
            i_attachment_size = gv_size
            i_att_content_hex = gs_file-binary_tbl ).
    ENDLLOOP.
    gr_request->set_document( gr_document ).
    IF gt_srcpt[] IS NOT INITIAL.
        LOOP AT gt_srcpt INTO DATA(gs_srcpt).
            gv_mailadd = gs_srcpt.
            gr_recipient = cl_cam_address_bcs=>create_internet_address( gv_
mailadd ).
            gr_request->add_recipient( gr_recipient ).
        ENDLLOOP.
    ENDIF.
ENDIF.

    gr_request->send( ).

    COMMIT WORK.

    MESSAGE 'Email Sent' TYPE 'I'.
    CATCH cx_bcs.
        MESSAGE 'Email Not Sent' TYPE 'I'.
    ENDTRY.
ENDIF.
*
* FREE: gt_file, gs_file, gr_table, gt_npo, gt_nso, gv_nno, gv_mailadd,
* gv_xstring, gv_xlen, gr_request, gv_body_text, gv_subject, gr_recipient,
* gr_document, gv_size.

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Text Elements:

Program: <input type="text" value="ZABAP_EX16MAIL_PDC6"/> Active			
Text Symbols Selection Texts List Headings			
<input type="button" value="≡"/> <input type="button" value="≡"/> <input type="button" value="⊕"/> <input type="button" value="⊖"/> <input type="button" value="📄"/> <input type="button" value="AB"/> <input type="text" value="Next Free Number"/>		1 / 2	
Sym	Text	Lngh	Max.
<input type="checkbox"/> ADR	Add Recipients	14	24
<input type="checkbox"/> NOT	NOTE: kindly put a comma for every after email for multiple recipients.	71	100
<input type="checkbox"/>		0	0

Program: Active

Text Symbols

Selection Texts

List Headings



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Name	Text	DDIC Referen...	
<input type="checkbox"/> P_MAIL	Enter Recipients Here:	<input type="checkbox"/>	
<input type="checkbox"/>			