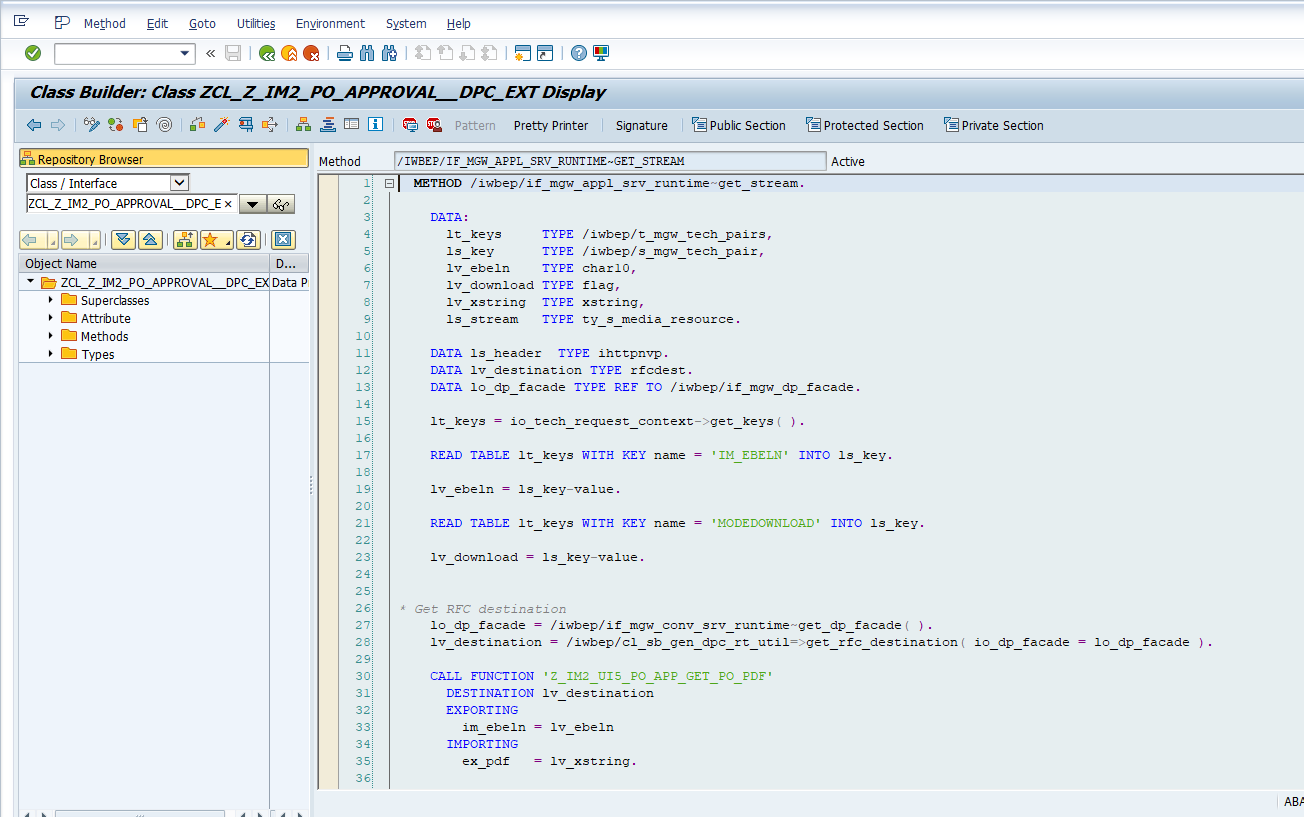
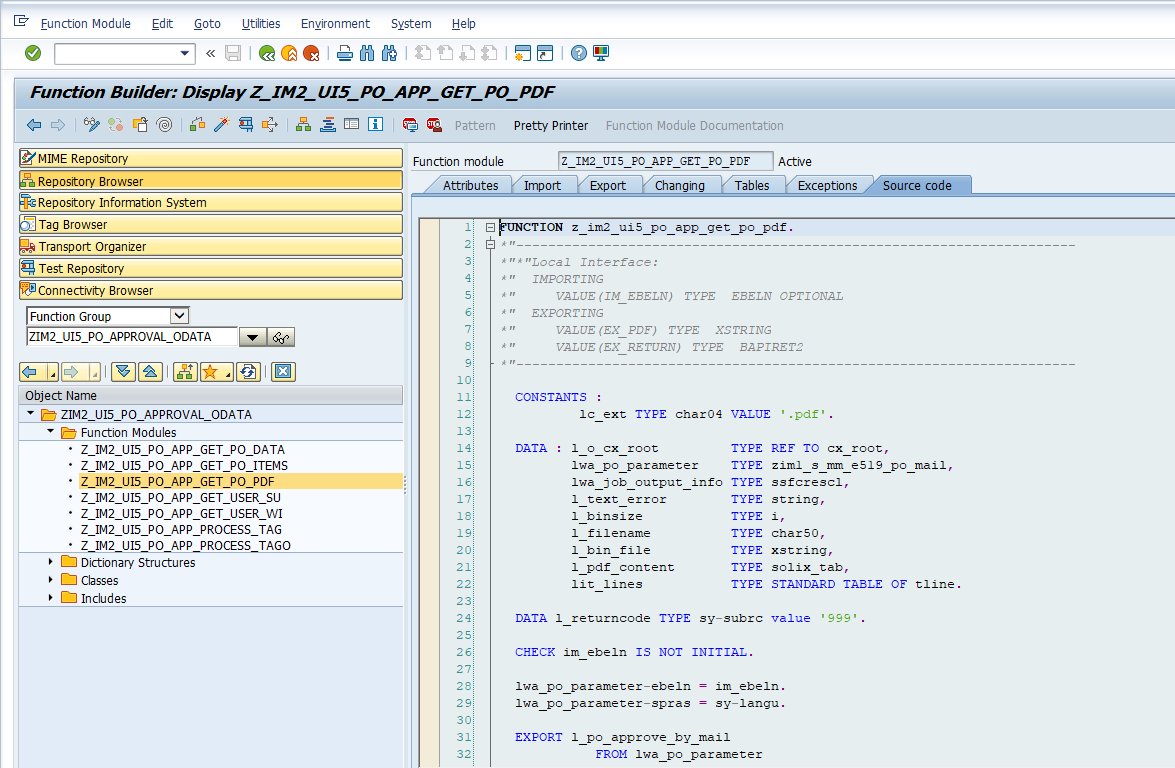


    DATA:  
      lo\_entity   TYPE REF TO /iwbep/if\_mgw\_odata\_entity\_typ,  
      lo\_property TYPE REF TO /iwbep/if\_mgw\_odata\_property.  
  
    super->define( ).  
  
    lo\_entity = model->get\_entity\_type( iv\_entity\_name = 'Pdf' ).  
  
    IF lo\_entity IS BOUND.  
      lo\_property = lo\_entity->get\_property( iv\_property\_name = 'MimeType' ).  
      lo\_property->set\_as\_content\_type( ).  
    ENDIF.

DPC\_EXT get\_stream redefinition



 METHOD /iwbep/if\_mgw\_appl\_srv\_runtime~get\_stream.  
  
    DATA:  
      lt\_keys     TYPE /iwbep/t\_mgw\_tech\_pairs,  
      ls\_key      TYPE /iwbep/s\_mgw\_tech\_pair,  
      lv\_ebeln    TYPE char10,  
      lv\_download TYPE flag,  
      lv\_xstring  TYPE xstring,  
      ls\_stream   TYPE ty\_s\_media\_resource.  
  
    DATA ls\_header  TYPE ihttpnvp.  
    DATA lv\_destination TYPE rfcdest.  
    DATA lo\_dp\_facade TYPE REF TO /iwbep/if\_mgw\_dp\_facade.  
  
    lt\_keys = io\_tech\_request\_context->get\_keys( ).  
  
    READ TABLE lt\_keys WITH KEY name = 'IM\_EBELN' INTO ls\_key.  
  
    lv\_ebeln = ls\_key-value.  
  
    READ TABLE lt\_keys WITH KEY name = 'MODEDOWNLOAD' INTO ls\_key.  
  
    lv\_download = ls\_key-value.  
  
  
\* Get RFC destination  
    lo\_dp\_facade = /iwbep/if\_mgw\_conv\_srv\_runtime~get\_dp\_facade( ).  
    lv\_destination = /iwbep/cl\_sb\_gen\_dpc\_rt\_util=>get\_rfc\_destination( io\_dp\_facade = lo\_dp\_facade ).  
  
    CALL FUNCTION 'Z\_IM2\_UI5\_PO\_APP\_GET\_PO\_PDF'  
      DESTINATION lv\_destination  
      EXPORTING  
        im\_ebeln = lv\_ebeln  
      IMPORTING  
        ex\_pdf   = lv\_xstring.  
  
    ls\_stream-value = lv\_xstring.  
  
    ls\_stream-mime\_type = 'application/pdf'.  
    ls\_header-name = 'content-disposition'.  
  
    IF lv\_download IS INITIAL.  
      ls\_header-value = 'inline; filename=entity.pdf'.  "PDF opened directly  
    ELSE.  
      ls\_header-value = 'attachment; filename=entity.pdf'."PDF will be downloaded  
    ENDIF.  
  
    /iwbep/if\_mgw\_conv\_srv\_runtime~set\_header( ls\_header ).  
  
    copy\_data\_to\_ref( EXPORTING is\_data = ls\_stream  
                      CHANGING  cr\_data = er\_stream ).  
  
  ENDMETHOD.



FUNCTION z\_im2\_ui5\_po\_app\_get\_po\_pdf.  
\*"----------------------------------------------------------------------  
\*"\*"Local Interface:  
\*"  IMPORTING  
\*"     VALUE(IM\_EBELN) TYPE  EBELN OPTIONAL  
\*"  EXPORTING  
\*"     VALUE(EX\_PDF) TYPE  XSTRING  
\*"     VALUE(EX\_RETURN) TYPE  BAPIRET2  
\*"----------------------------------------------------------------------  
  
  CONSTANTS :  
          lc\_ext TYPE char04 VALUE '.pdf'.  
  
  DATA : l\_o\_cx\_root         TYPE REF TO cx\_root,  
         lwa\_po\_parameter    TYPE zim1\_s\_mm\_e519\_po\_mail,  
         lwa\_job\_output\_info TYPE ssfcrescl,  
         l\_text\_error        TYPE string,  
         l\_binsize           TYPE i,  
         l\_filename          TYPE char50,  
         l\_bin\_file          TYPE xstring,  
         l\_pdf\_content       TYPE solix\_tab,  
         lit\_lines           TYPE STANDARD TABLE OF tline.  
  
  DATA l\_returncode TYPE sy-subrc value '999'.  
  
  CHECK im\_ebeln IS NOT INITIAL.  
  
  lwa\_po\_parameter-ebeln = im\_ebeln.  
  lwa\_po\_parameter-spras = sy-langu.  
  
  EXPORT l\_po\_approve\_by\_mail  
            FROM lwa\_po\_parameter  
            TO MEMORY ID zcl\_im2\_mm\_e519\_enha\_notif=>c\_memid\_zpoappmail.  
  
  SELECT \* FROM nast UP TO 1 ROWS  
                     WHERE kappl EQ 'EF'  
                       AND objky EQ im\_ebeln.  
  ENDSELECT.  
  
  SELECT SINGLE \* FROM tnapr  
                   WHERE kschl EQ nast-kschl  
                     AND nacha EQ nast-nacha  
                    AND kappl EQ nast-kappl.  
  
  CHECK sy-subrc EQ 0.  
  
  PERFORM entry IN PROGRAM zim1\_mm\_print\_po\_print USING l\_returncode  
                                                     'X'  
                                                     IF FOUND.  
  IF l\_returncode = 0.  
  
    " Export is done in report ZIM1\_MM\_PRINT\_PO\_PRINT.  
    IMPORT lit\_otf\_data  
            TO lwa\_job\_output\_info-otfdata  
            FROM MEMORY ID zcl\_im2\_mm\_e519\_enha\_notif=>c\_memid\_zpoappmail\_otf.  
  
    IF sy-subrc = 0.  
  
      CALL FUNCTION 'CONVERT\_OTF'  
        EXPORTING  
          format                = 'PDF'  
        IMPORTING  
          bin\_filesize          = l\_binsize  
          bin\_file              = ex\_pdf  
        TABLES  
          otf                   = lwa\_job\_output\_info-otfdata  
          lines                 = lit\_lines  
        EXCEPTIONS  
          err\_max\_linewidth     = 1  
          err\_format            = 2  
          err\_conv\_not\_possible = 3  
          err\_bad\_otf           = 4  
          OTHERS                = 5.  
  
      IF sy-subrc NE 0.  
  
      ENDIF.  
    ENDIF.  
  ENDIF.  
  
  FREE MEMORY ID zcl\_im2\_mm\_e519\_enha\_notif=>c\_memid\_zpoappmail.  
  
ENDFUNCTION.