\*&---------------------------------------------------------------------\*  
\*& Include          ZTR\_I\_VENDOR\_QUERY\_C01  
\*&---------------------------------------------------------------------\*  
CLASS lcl\_gui\_alv IMPLEMENTATION.  
  
  METHOD user\_command .  
  
    CASE sy-ucomm.  
      WHEN gc\_user\_command\_query.  
        CALL METHOD vendor\_query.  
      WHEN gc\_user\_command\_save.  
        CALL METHOD save.  
    ENDCASE.  
  ENDMETHOD.  
  
  METHOD init\_0100.  
  
    SET PF-STATUS 'GS\_0100'.  
  
  ENDMETHOD.  
  
  METHOD vendor\_query .  
  
    DATA : lo\_http\_client TYPE REF TO if\_http\_client.  
  
    DATA : ls\_response\_data TYPE zservice\_consume,  
           ls\_log\_entry     TYPE zgc\_vendor\_log.  
  
    DATA : lv\_endpoint   TYPE string,  
           lv\_subrc      TYPE sysubrc,  
           lv\_error\_text TYPE string.  
  
    DATA: lt\_service\_consume TYPE TABLE OF zservice\_consume,  
          ls\_service\_consume TYPE zservice\_consume.  
  
\*Pass the URL to get Data  
    lv\_endpoint = gc\_endpoint && '?ID=' && zservice\_consume-id.  
  
\*Creation of New IF\_lo\_http\_client Object  
    cl\_http\_client=>create\_by\_url(  
      EXPORTING  
        url                = lv\_endpoint  
      IMPORTING  
        client             = lo\_http\_client  
      EXCEPTIONS  
        argument\_not\_found = 1  
        plugin\_not\_active  = 2  
        internal\_error     = 3  
    ).  
  
    CALL METHOD lo\_http\_client->send  
      EXCEPTIONS  
        http\_communication\_failure = 1  
        http\_invalid\_state         = 2  
        http\_processing\_failed     = 3  
        OTHERS                     = 4.  
  
    CALL METHOD lo\_http\_client->receive  
      EXCEPTIONS  
        http\_communication\_failure = 1  
        http\_invalid\_state         = 2  
        http\_processing\_failed     = 3  
        OTHERS                     = 4.  
  
    IF sy-subrc NE 0.  
  
      CALL METHOD lo\_http\_client->get\_last\_error  
        IMPORTING  
          code    = lv\_subrc  
          message = lv\_error\_text.  
  
      DATA(lv\_error) = 'communication\_error( receive )' && ` ` &&  
                       'code:' && ` ` &&  
                       lv\_subrc && ` ` &&  
                       'message:' && ` ` &&  
                       lv\_error\_text.  
  
      MESSAGE lv\_error TYPE 'I'.  
  
      EXIT.  
  
    ENDIF.  
  
\*Return the HTTP body of this entity as string data  
    DATA(lv\_json) = lo\_http\_client->response->get\_cdata( ).  
  
    /ui2/cl\_json=>deserialize(  
      EXPORTING  
        json        = lv\_json  
        pretty\_name = /ui2/cl\_json=>pretty\_mode-camel\_case  
      CHANGING  
        data        = ls\_response\_data  
    ).  
  
    IF ls\_response\_data IS INITIAL.  
      MESSAGE 'Vendor ID ' && zservice\_consume-id && ' numarasına ait Satıcı sisteminde kayıt bulunamadı! Lütfen kontrol ediniz!' TYPE 'I'.  
  
      " Başarısız sorgu log kaydı ekleme  
      ls\_log\_entry-vendor\_id = zservice\_consume-id.  
      ls\_log\_entry-query\_date = sy-datum.  
      ls\_log\_entry-query\_time = sy-uzeit.  
      ls\_log\_entry-status = 'F'. " 'F' başarısız sorgu için  
      ls\_log\_entry-error\_message = 'Satıcı bulunamadı!'.  
      INSERT zgc\_vendor\_log FROM ls\_log\_entry.  
      IF sy-subrc NE 0.  
        MESSAGE 'Log kaydı eklenemedi' TYPE 'E'.  
      ENDIF.  
  
      RETURN.  
    ENDIF.  
  
    """"""""""""""""""  
    MOVE-CORRESPONDING ls\_response\_data TO zservice\_consume.  
  
    SELECT SINGLE name1  
\*    SELECT SINGLE name1 AS vendor\_name  
      FROM lfa1  
      INTO zservice\_consume-vendor\_name  
\*      INTO CORRESPONDING FIELDS OF zservice\_consume  
      WHERE lifnr EQ zservice\_consume-id.  
  
    """""""""""""""""  
    " Başarılı sorgu log kaydı  
    ls\_log\_entry-vendor\_id = zservice\_consume-id.  
    ls\_log\_entry-query\_date = sy-datum.  
    ls\_log\_entry-query\_time = sy-uzeit.  
    ls\_log\_entry-status = 'S'. " 'S' başarılı sorgu için  
    ls\_log\_entry-error\_message = 'Satıcı bulundu!'.  
    INSERT zgc\_vendor\_log FROM ls\_log\_entry.  
    IF sy-subrc NE 0.  
      MESSAGE 'Log kaydı eklenemedi' TYPE 'E'.  
    ENDIF.  
  
    """""""""""""""  
  
  ENDMETHOD.  
  
  METHOD save.  
  
    DATA : ls\_db TYPE zcxp\_prod\_002.  
  
    MOVE-CORRESPONDING zservice\_consume TO ls\_db.  
  
    MODIFY zcxp\_prod\_002 FROM ls\_db.  
  
    IF sy-subrc EQ 0.  
      MESSAGE TEXT-s01 TYPE 'I'.  
    ENDIF.  
  
  ENDMETHOD.  
ENDCLASS.