**REUSE OF ALV:**

*\*&---------------------------------------------------------------------\**  
*\*& Report ZRU\_REUSE\_ALV1*  
*\*&---------------------------------------------------------------------\**  
*\*&*  
*\*&---------------------------------------------------------------------\**  
REPORT ZRU\_REUSE\_ALV1.  
DATA : it\_makt TYPE STANDARD TABLE OF makt.  
  
DATA v\_matnr TYPE matnr.  
  
SELECT-OPTIONS s\_matnr FOR v\_matnr.  
  
START-OF-SELECTION.  
PERFORM get\_data.  
  
END-OF-SELECTION.  
PERFORM display.  
*\*&---------------------------------------------------------------------\**  
*\*& Form get\_data*  
*\*&---------------------------------------------------------------------\**  
*\*& text*  
*\*&---------------------------------------------------------------------\**  
*\*& --> p1 text*  
*\*& <-- p2 text*  
*\*&---------------------------------------------------------------------\**  
 FORM get\_data.  
*\* DATA lw\_makt LIKE LINE OF it\_makt.*  
 SELECT \* FROM makt INTO TABLE it\_makt WHERE matnr IN s\_matnr.  
*\* LOOP AT it\_makt INTO lw\_makt.*  
*\* CALL FUNCTION 'CONVERSION\_EXIT\_MATN1\_OUTPUT'*  
*\* EXPORTING*  
*\* input = lw\_makt-matnr*  
*\* IMPORTING*  
*\* OUTPUT = lw\_makt-matnr*  
*\* MODIFY it\_makt FROM lw\_makt INDEX sy-tabix.*  
*\* ENDLOOP.*  
*\**  
*\* SELECT \* FROM mard INTO TABLE it\_mard FOR ALL ENTRIES IN it\_makt WHERE matnr EQ it\_makt-matnr.*  
ENDFORM. .  
  
*\*&---------------------------------------------------------------------\**  
*\*& Form display*  
*\*&---------------------------------------------------------------------\**  
*\*& text*  
*\*&---------------------------------------------------------------------\**  
*\*& --> p1 text*  
*\*& <-- p2 text*  
*\*&---------------------------------------------------------------------\**  
FORM display .  
 DATA : it\_fcat TYPE SLIS\_T\_FIELDCAT\_ALV,  
 lw\_fcat LIKE LINE OF it\_fcat.  
  
 lw\_fcat-col\_pos = 1.  
 lw\_fcat-fieldname = 'MATNR'.  
 lw\_fcat-tabname = 'IT\_MAKT'.  
 lw\_fcat-seltext\_m = 'Material Number'.  
 lw\_fcat-outputlen = 20.  
 lw\_fcat-edit\_mask = '==MATN1'.  
 APPEND lw\_fcat TO it\_fcat.  
  
 lw\_fcat-col\_pos = 2.  
 lw\_fcat-fieldname = 'SPRAS'.  
 lw\_fcat-tabname = 'IT\_MAKT'.  
 lw\_fcat-seltext\_m = 'Language'.  
 lw\_fcat-outputlen = 15.  
 lw\_fcat-edit\_mask = '==ISOLA'.  
 APPEND lw\_fcat TO it\_fcat.  
 CLEAR lw\_fcat.  
  
 lw\_fcat-col\_pos = 3.  
 lw\_fcat-fieldname = 'MAKTX'.  
 lw\_fcat-tabname = 'IT\_MAKT'.  
 lw\_fcat-seltext\_m = 'Material Description'.  
 lw\_fcat-outputlen = 40.  
 APPEND lw\_fcat TO it\_fcat.  
  
  
CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
 EXPORTING  
*\* I\_INTERFACE\_CHECK = ' '*  
*\* I\_BYPASSING\_BUFFER = ' '*  
*\* I\_BUFFER\_ACTIVE = ' '*  
 I\_CALLBACK\_PROGRAM = 'ZRU\_REUSE\_ALV1'  
 I\_CALLBACK\_PF\_STATUS\_SET = 'PF\_STATUS'  
 I\_CALLBACK\_USER\_COMMAND = ' USER\_COMMAND'  
*\* I\_CALLBACK\_TOP\_OF\_PAGE = ' '*  
*\* I\_CALLBACK\_HTML\_TOP\_OF\_PAGE = ' '*  
*\* I\_CALLBACK\_HTML\_END\_OF\_LIST = ' '*  
*\* I\_STRUCTURE\_NAME ='MAKT'*  
*\* I\_BACKGROUND\_ID = ' '*  
*\* I\_GRID\_TITLE =*  
*\* I\_GRID\_SETTINGS =*  
*\* IS\_LAYOUT =*  
 IT\_FIELDCAT = it\_fcat  
*\* IT\_EXCLUDING =*  
*\* IT\_SPECIAL\_GROUPS =*  
*\* IT\_SORT =*  
*\* IT\_FILTER =*  
*\* IS\_SEL\_HIDE =*  
*\* I\_DEFAULT = 'X'*  
*\* I\_SAVE = ' '*  
*\* IS\_VARIANT =*  
*\* IT\_EVENTS =*  
*\* IT\_EVENT\_EXIT =*  
*\* IS\_PRINT =*  
*\* IS\_REPREP\_ID =*  
*\* I\_SCREEN\_START\_COLUMN = 0*  
*\* I\_SCREEN\_START\_LINE = 0*  
*\* I\_SCREEN\_END\_COLUMN = 0*  
*\* I\_SCREEN\_END\_LINE = 0*  
*\* I\_HTML\_HEIGHT\_TOP = 0*  
*\* I\_HTML\_HEIGHT\_END = 0*  
*\* IT\_ALV\_GRAPHICS =*  
*\* IT\_HYPERLINK =*  
*\* IT\_ADD\_FIELDCAT =*  
*\* IT\_EXCEPT\_QINFO =*  
*\* IR\_SALV\_FULLSCREEN\_ADAPTER =*  
*\* O\_PREVIOUS\_SRAL\_HANDLER =*  
*\* IMPORTING*  
*\* E\_EXIT\_CAUSED\_BY\_CALLER =*  
*\* ES\_EXIT\_CAUSED\_BY\_USER =*  
 TABLES  
 t\_outtab = it\_makt  
 EXCEPTIONS  
 PROGRAM\_ERROR = 1  
 OTHERS = 2  
 .  
 IF sy-subrc <> 0.  
*\* Implement suitable error handling here*  
 ENDIF.  
 ENDFORM.  
  
 FORM USER\_COMMAND USING r\_ucomm LIKE sy-ucomm  
 rs\_selfield TYPE slis\_selfield.  
 IF r\_ucomm EQ '&IC1' AND rs\_selfield-fieldname EQ 'MATNR'.  
 SET PARAMETER ID 'MAT' FIELD rs\_selfield-value.  
 CALL TRANSACTION 'MM03'.  
 ENDIF.  
 ENDFORM.  
  
 FORM PF\_STATUS USING rt\_extab TYPE slis\_t\_extab.  
 SET PF-STATUS 'STANDARD\_FULLSCREEN'.  
 ENDFORM.

