



OO ALV



DUR	Airline Airline	Curr.	Airline URL	COST	LOCATION	SEATP
AA	American Airlines	USD	http://www.aa.com	566	YURTDISI	ARKA
AB	Air Berlin	EUR	http://www.airberlin.de	55	YURTDISI	ARKA
AC	Air Canada	CAD	http://www.aircanada.ca	44	YURTICI	
AF	Air France	EUR	http://www.airfrance.fr	33		ON
AZ	Alitalia	EUR	http://www.alitalia.it	33		ON
BA	British Airways	GBP	http://www.british-airways.com	1		
CO	Continental Airlines	USD	http://www.continental.com	33		KANAT
DL	Delta Airlines	USD	http://www.delta-air.com	33		KANAT
FJ	Air Pacific	USD	http://www.airpacfc.com	0		KANAT
JL	Japan Airlines	JPY	http://www.jal.co.jp	256		
LH	Lufthansa	EUR	http://www.lufthansa.com	44		
NG	Lauda Air	EUR	http://www.laudair.com	123		
NW	Northwest Airlines	USD	http://www.nwa.com	10		
QF	Qantas Airways	AUD	http://www.qantas.com.au	3		
SA	South African Air.	ZAR	http://www.saa.co.za	123		
SQ	Singapore Airlines	SGD	http://www.singaporeair.com	444		
SR	Swiss	CHF	http://www.swiss.com	22		
UA	United Airlines	USD	http://www.ual.com	4		

```
*&-----*
*& Report ZERCAN_ABAP_0011
*&-----*
*&
*&-----*
REPORT ZERCAN_ABAP_0011.

INCLUDE ZERCAN_ABAP_0011_TOP.
INCLUDE ZERCAN_ABAP_0011_FRM.
INCLUDE ZERCAN_ABAP_0011_PAI.
INCLUDE ZERCAN_ABAP_0011_PBO.

START-OF-SELECTION.

    PERFORM GET_DATA.

    PERFORM SET_FCAT.

    PERFORM SET_LAYO.

*BURADA SIRALAMA COK ONEMLI, ALV DETAYLARININ EKRANDA YANSITILMADAN ÖNCE HAZIRLANMASI LAZIM
*BU NEDENLE ALV METODLARI PBO ICERIGINE YANSITILMIŞTIR.
*ASLINDA BURADA YAZIYORDU HEPSI.

CALL SCREEN 0100.
```

```

*&-----*
*& Include          ZERCAN_ABAP_0011_FRM
*&-----*
*&-----*
*& Form DISPLAY_ALV
*&-----*
*& text
*&-----*
*& --> p1          text
*& <-- p2          text
*&-----*
FORM DISPLAY_ALV .
*EGER GO_ALV NESNESININ BASLANGIC DEGERINE SAHIP ISE
  IF GO_ALV IS INITIAL.
    CREATE OBJECT GO_CONT
      EXPORTING
        CONTAINER_NAME = 'CC_ALV'. " EKRANA KOYULAN KONTEYNERIN ISMI YAZILIR

*ALV DEKI ISLEMLER EKRAN AÇILMADAN ONCE YAPILMASI LAZIM
*GO_ALV YAZILIRKEN CTRL+SPACE BASILARAK TÜM METHOD DOKULUR.
  CREATE OBJECT GO_ALV
    EXPORTING
      I_PARENT = GO_CONT. " EKRANA BASILACAK ALV NIN HANGI KONTEYNERDE OLMASI GERE
KTIGI BELIRTEBİLİR.
*EKRANA KONULAN KONTEYNERIN İÇERİGİNİ DOLDURACAK OLAN METHODDUR
*SET_TABLE_FOR_FIRST_DISPLAY METHODU CTRL+SPACE TUŞU İLE GETİRİLİR.
  CALL METHOD GO_ALV->SET_TABLE_FOR_FIRST_DISPLAY
    EXPORTING
      IS_LAYOUT          = GS_LAYO
      "I_STRUCTURE_NAME = 'SCARR' "SCARR İSİMLİ TABLO BURAYA TANIMLANIR.
  CHANGING
    IT_OUTTAB          = GT_SCARR "IT OLMASI SEBEBİYLE INTERNAL TABLO TANIMLANIR
    IT_FIELDCATALOG = GT_FCAT.

*ALV EKRANINDA COST ALANINDA YAPILAN DEĞİŞİKLİĞİ SİSTEMİN ALGILAMASI İÇİN EKLENEN METODDUR.
*AŞAĞIDAKİ METHOD İLE ALV EKRANINDA YAPILAN DEĞİŞİKLİK ENTER BUTONUNA BASILMASI İLE ALGILANIR
** CALL METHOD GO_ALV->REGISTER_EDIT_EVENT
** EXPORTING
** I_EVENT_ID = CL_GUI_ALV_GRID=>MC_EVT_ENTER.

***AŞAĞIDAKİ METHOD İLE ALV EKRANINDA YAPILAN HERHANGİ BİR DEĞİŞİKLİK HER TURLU ALGILANIR.
  CALL METHOD GO_ALV->REGISTER_EDIT_EVENT
    EXPORTING
      I_EVENT_ID = CL_GUI_ALV_GRID=>MC_EVT_MODIFIED.
*EGER GO_ALV NESNESİNİN BASLANGIC DEGERINE SAHIP DEĞİLSE YANI COST ALANINDA VERİLER GİRİLDİYS
E O VAKİT ALV RAPORUNU REFRESH ET

*DROPDOWN İÇİN OOP MANTIGI GEREĞİNCE PERFORM YAPILIR.
  PERFORM SET_DROPDOWN.

ELSE.
  CALL METHOD GO_ALV->REFRESH_TABLE_DISPLAY.
ENDIF.
ENDFORM.
*&-----*
*& Form GET_DATA
*&-----*
*& text
*&-----*
*& --> p1          text
*& <-- p2          text
*&-----*
FORM GET_DATA .

```

```

*IT_OUTTAB = GT_SCARR ICIN ONCESINDEKI INTERNAL TABLO TANIMLAMASIDIR.
SELECT * FROM SCARR
*SCARR RABLOSUNDA 5 ALAN VAR, AMA BIZ 4 ALAN BELIRLEDIK, BU NEDENLE BU HATAYI ENGELLEMEK ICIN
"CORRESPONDING FIELDS OF" YAZILIR
INTO CORRESPONDING FIELDS OF TABLE GT_SCARR.

*ALV EKTRANINI SATIR BAZINDA RENKLENDIRME VE HUCRE BAZINDA DROPDOWN ICIN
LOOP AT GT_SCARR ASSIGNING <GFS_SCARR>.
<GFS_SCARR>-DURUM = '@0D@'.
CASE <GFS_SCARR>-CURRCODE.
  WHEN 'USD'.
    <GFS_SCARR>-LINE_COLOR = 'C710'. "ALV EKTRANINI SATIR BAZINDA RENKLENDIRME
    <GFS_SCARR>-DD_HANDLE = '2'. "ALV EKTRANINI HUCRE BAZINDA DROPDOWN
  WHEN 'EUR'.
    <GFS_SCARR>-LINE_COLOR = 'C501'.
    <GFS_SCARR>-DD_HANDLE = '3'. "ALV EKTRANINI HUCRE BAZINDA DROPDOWN
*ALV EKTRANINI HUCRE BAZINDA RENKLENDIRME
  WHEN 'JPY'.
    CLEAR:GS_CELL_COLOR.
    GS_CELL_COLOR-FNAME = 'URL'.
    GS_CELL_COLOR-COLOR-COL = '3'.
    GS_CELL_COLOR-COLOR-INT = '1'.
    GS_CELL_COLOR-COLOR-INV = '0'.
    APPEND GS_CELL_COLOR TO <GFS_SCARR>-CELL_COLOR.
    <GFS_SCARR>-DD_HANDLE = '4'. "ALV EKTRANINI HUCRE BAZINDA DROPDOWN
  WHEN 'CAD'.
    CLEAR:GS_CELL_COLOR.
    GS_CELL_COLOR-FNAME = 'URL'.
    GS_CELL_COLOR-COLOR-COL = '3'.
    GS_CELL_COLOR-COLOR-INT = '0'.
    GS_CELL_COLOR-COLOR-INV = '0'.

    APPEND GS_CELL_COLOR TO <GFS_SCARR>-CELL_COLOR.
  WHEN 'ZAR'.
    CLEAR:GS_CELL_COLOR.
    GS_CELL_COLOR-FNAME = 'CARRNAME'.
    GS_CELL_COLOR-COLOR-COL = '5'.
    GS_CELL_COLOR-COLOR-INT = '1'.
    GS_CELL_COLOR-COLOR-INV = '0'.
    APPEND GS_CELL_COLOR TO <GFS_SCARR>-CELL_COLOR.
ENDCASE.
IF <GFS_SCARR>-CURRCODE <> 'EUR'.
  CLEAR:GS_CELLSTYLE.
  GS_CELLSTYLE-FIELDNAME = 'URL'.
  GS_CELLSTYLE-STYLE = CL_GUI_ALV_GRID=>MC_STYLE_DISABLED.
  APPEND GS_CELLSTYLE TO <GFS_SCARR>-CELLSTYLE.

ENDIF.

**LOOP AT GT_SCARR ASSIGNING <GFS_SCARR>.
** IF <GFS_SCARR>-CURRCODE <> 'EUR'.
** CLEAR:GS_CELLSTYLE.
** GS_CELLSTYLE-FIELDNAME = 'URL'.
** GS_CELLSTYLE-STYLE = CL_GUI_ALV_GRID=>MC_STYLE_DISABLED.
** APPEND GS_CELLSTYLE TO <GFS_SCARR>-CELLSTYLE.
**
** ENDIF.
**
**ENDLOOP.

ENDLOOP.
ENDFORM.

```

```

*&-----*
*& Form SET_FCAT
*&-----*
*& text
*&-----*
*& --> p1      text
*& <-- p2      text
*&-----*
FORM SET_FCAT .
*FIELDATALOG ILE TANIMLAMALAR OTOMATIK OLARAK FONKSIYON UZERINDEN YAPILIR.
  CALL FUNCTION 'LVC_FIELDATALOG_MERGE'
    EXPORTING
      I_BUFFER_ACTIVE          =
*BURAYA SCARR TABLOSUNU DEĞİLDE STRUCTER VERMEK ISTERSEK O HALDE BIR STRUCTER TANIMLAMAMIZ LA
ZIM.
**==> I_STRUCTURE_NAME          = 'SCARR'
      I_STRUCTURE_NAME        = 'ZERCAN_ABAP_0011_STRUCTURE'
*      I_CLIENT_NEVER_DISPLAY = 'X'
*      I_BYPASSING_BUFFER     =
*      I_INTERNAL_TABNAME     =
    CHANGING
      CT_FIELDCAT              = GT_FCAT
    EXCEPTIONS
      INCONSISTENT_INTERFACE = 1
      PROGRAM_ERROR          = 2
      OTHERS                  = 3.
  IF SY-SUBRC <> 0.
  ENDIF.

*ALV EKRANINDA URL ISIMLI KOLONU EDIT EDILEBILIR DURUMA GELDI.
  READ TABLE GT_FCAT ASSIGNING <GFS_FC> WITH KEY FIELDNAME = 'URL'.
  IF SY-SUBRC EQ 0.
    <GFS_FC>-EDIT = ABAP_TRUE.
  ENDIF.

*ALV EKRANINDA COST KOLONUNU GETIRIR.
  READ TABLE GT_FCAT ASSIGNING <GFS_FC> WITH KEY FIELDNAME = 'COST'.
  IF SY-SUBRC EQ 0.
    <GFS_FC>-EDIT = ABAP_TRUE.
    <GFS_FC>-COLTEXT = 'COST'.
  ENDIF.

*ALV EKRANINDA DURUM KOLONUNU GETIRIR.
  READ TABLE GT_FCAT ASSIGNING <GFS_FC> WITH KEY FIELDNAME = 'DURUM'.
  IF SY-SUBRC EQ 0.
    <GFS_FC>-COLTEXT = 'DURUM'.
  ENDIF.

*ALV EKRANINDA LOKASYON KOLONUNU GETIRIR.VE AYRICA BU ALANI DROPDOWN HALE GETIRIR.
*ALV EKRANINA KONUL DROPDOWN ICIN ID = 1 TANIMLANIR.KAÇ TANE DROPDOWN EKLENIR ISE TIPKI SCREE
N LERDEKI GIBI ID VERILIR.
*BU ISLEM ICIN ONCE INTERNAL TABLE OLUŞTURULUP SONRA ICI DOLDURULUR.
*EN SONUNDA O ID YE BU OLUŞTURULAN TABLODAKI VERILER METHOD ILE GETIRILIR
*BU NEDENLE METHOD OLMASI SEBEBİYLE ALV METHODLARIN GIRILDIĞI YERDE YAPILIR BU ISLEM.
  READ TABLE GT_FCAT ASSIGNING <GFS_FC> WITH KEY FIELDNAME = 'LOCATION'.
  IF SY-SUBRC EQ 0.
    <GFS_FC>-COLTEXT = 'LOCATION'.
    <GFS_FC>-DRDN_HNDL = 1.
    <GFS_FC>-EDIT = ABAP_TRUE.
  ENDIF.

*ALV EKRANINA HUCRE BAZINDA DROPDOWN EKLEMEK ICIN OLUŞTURULUR.NORMALDE KOLON BAZLIDA HANDLE I
CIN BİR ID VERILIRDI. BU SEFER DRDN_FIELD=""DD_HANDLE' VERILEREK HER HUCRE ICIN AYRI AYRI LIS
TE VERILIR.
  READ TABLE GT_FCAT ASSIGNING <GFS_FC> WITH KEY FIELDNAME = 'SEATP'.
  IF SY-SUBRC EQ 0.

```

```

    <GFS_FC>-COLTEXT = 'SEATP'.
    <GFS_FC>-DRDN_FIELD = 'DD_HANDLE'.
    <GFS_FC>-EDIT = ABAP_TRUE.
ENDIF.

ENDFORM.

*&-----*
*& Form SET_LAYO
*&-----*
*& text
*&-----*
*& --> p1      text
*& <-- p2      text
*&-----*
FORM SET_LAYO .
  CLEAR: GS_LAYO.
  *ALV DEKI TUM KOLONLARIN GENISLIGINI OPTIMIZE EDER.
  GS_LAYO-COL_OPT = ABAP_TRUE.
  *ALV DEKI TUM KOLONLARI EDIT HALE GETIRIR.
  *==>GS_LAYO-EDIT = ABAP_TRUE.
  *ALV NIN USTUNDEKI BUTONLARI YOK EDER
  *==>GS_LAYO-NO_TOOLBAR = ABAP_TRUE.
  *ALV ZEBRA GORUNTU YAPAR
  GS_LAYO-ZEBRA = ABAP_TRUE.
  *ALV SATIR RENKLENDIRME ICIN
  GS_LAYO-INFO_FNAME = 'LINE_COLOR'.
  *ALV HUCRE RENKLENDIRME ICIN
  GS_LAYO-CTAB_FNAME = 'CELL_COLOR'.
  *ALV STYLNAME TANIMLAMASI ICIN.
  GS_LAYO-STYLEFNAME = 'CELLSTYLE'.

ENDFORM.

*&-----*
*& Form GET_TOTAL_SUM
*&-----*
*& text
*&-----*
*& --> p1      text
*& <-- p2      text
*&-----*
FORM GET_TOTAL_SUM .
  DATA: LV_TTL_SUM TYPE INT4, "TOPLAM NUMERIK DEĞERI ICIN
        LV_LINES  TYPE INT4, "KAÇ SATIR KAYIT VAR BUNUN ICIN
        LV_AVR    TYPE INT4.
  *BU KISIM SATIRLARDAKI DEGERLERI TOPLAR
  LOOP AT GT_SCARR INTO GS_SCARR.
    LV_TTL_SUM = LV_TTL_SUM + GS_SCARR-COST.
  ENDLOOP.

  *ALV TABLOSUNDAKI SATIR SAYISINI BULUR.
  DESCRIBE TABLE GT_SCARR LINES LV_LINES.

  *ORTALAMA DEGERI BULUR.
  LV_AVR = LV_TTL_SUM / LV_LINES.
  *ALV DEĞERİNDE DURUM TABLOSUNDA COST DEGERLERİNİN TOPLAMI / SATIR SAYISINI BULARAK ORTALAMA D
  EĞERİ BULUR
  *VE BU ORTALAMA DEĞER UZERINDEN @@ DURUM KOLONUNA ICON YERLESTIRIR.
  LOOP AT GT_SCARR ASSIGNING <GFS_SCARR>.
    IF <GFS_SCARR>-COST > LV_AVR.
      <GFS_SCARR>-DURUM = '@0A@'.
    ELSEIF <GFS_SCARR>-COST < LV_AVR.
      <GFS_SCARR>-DURUM = '@08@'.
    ELSE.
      <GFS_SCARR>-DURUM = '@09@'.

```

```
ENDIF.  
ENDLOOP.
```

```
*ALV EKSPANINDA GIRISI OLAN DEGERLER TOPLAM BULUR  
***** DATA: LV_TTL_SUM TYPE INT4, "TOPLAM NUMERIK DEĞERI ICIN  
***** LV_TTL_SUM_C TYPE CHAR10, "NUMERIK DEGERI STRING DEGERE AKTARMAK ICIN  
***** LV_MESS TYPE CHAR200. "BASILACAK OLAN MESAJ ICIN  
*****  
***** LOOP AT GT_SCARR INTO GS_SCARR.  
***** LV_TTL_SUM = LV_TTL_SUM + GS_SCARR-COST.  
***** ENDLOOP.  
*****  
*****AŞAĞIDA BASILEN MESAJ STRING OLMASI SEBEBIYLE HATA VERMEMESI ICIN SAYISAL IFADE STR  
ING IFADEYE ATILIR  
***** LV_TTL_SUM_C = LV_TTL_SUM.  
*****  
***** CONCATENATE 'Tüm satırların Toplamı ='  
***** LV_TTL_SUM_C  
***** INTO LV_MESS.  
*****  
***** MESSAGE LV_MESS TYPE 'I'.
```

```
ENDFORM.
```

```
*&-----*  
*& Form SET_DROPDOWN  
*&-----*  
*& text  
*&-----*  
*& --> p1 text  
*& <-- p2 text  
*&-----*
```

```
FORM SET_DROPDOWN.
```

```
DATA: LT_DROPDOWN TYPE LVC_T_DROP,  
LS_DROPDOWN TYPE LVC_S_DROP.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = '1'.  
LS_DROPDOWN-VALUE = 'YURTICI'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 1.  
LS_DROPDOWN-VALUE = 'YURTDISI'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 2.  
LS_DROPDOWN-VALUE = 'ÖN'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 2.  
LS_DROPDOWN-VALUE = 'ARKA'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 2.  
LS_DROPDOWN-VALUE = 'KANAT'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 3.  
LS_DROPDOWN-VALUE = 'ÖN'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 3.  
LS_DROPDOWN-VALUE = 'ARKA'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 4.  
LS_DROPDOWN-VALUE = 'KANAT'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
CLEAR: LS_DROPDOWN.  
LS_DROPDOWN-HANDLE = 4.  
LS_DROPDOWN-VALUE = 'ARKA'.  
APPEND LS_DROPDOWN TO LT_DROPDOWN.
```

```
GO_ALV->SET_DROP_DOWN_TABLE (  
EXPORTING  
    IT_DROP_DOWN = LT_DROPDOWN  
).  
ENDFORM.
```



```
*&-----*
*& Include          ZERCAN_ABAP_0011_PAI
*&-----*
*&-----*
*&      Module  USER_COMMAND_0100  INPUT
*&-----*
*      text
*-----*
MODULE USER_COMMAND_0100 INPUT.
  CASE SY-UCOMM.
    WHEN '&BACK'.
      LEAVE TO SCREEN 0.
    WHEN '&SAVE'.
      PERFORM GET_TOTAL_SUM.
  ENDCASE.
ENDMODULE.
```

```
*&-----*
*& Include           ZERCAN_ABAP_0011_PBO
*&-----*
*&-----*
*& Module STATUS_0100 OUTPUT
*&-----*
*&
*&-----*
MODULE STATUS_0100 OUTPUT.
SET PF-STATUS '0100'.
SET TITLEBAR '0101'.

PERFORM DISPLAY_ALV.

ENDMODULE.
```

&-----

*& Include ZERCAN_ABAP_0010_TOP

&-----

*ALV EKCRANINA ICON YERLESTIRMEMIZE YARAYAN INCLUDE

TYPE-POOLS ICON.

*EKCRANA KOYULAN KONTEYNER TANIMLAMASI ICIN GEREKEN YAPIDIR.

DATA:GO_ALV TYPE REF TO CL_GUI_ALV_GRID,
GO_CONT TYPE REF TO CL_GUI_CUSTOM_CONTAINER.

*FIELDATALOG ICIN YAPILAN STRUCTER TANIMLAMASIDIR.

TYPES: BEGIN OF GTY_SCARR,

DURUM TYPE ICON_D, "ICON EKLENMESI ICIN TANIMLANIR.

CARRID TYPE S_CARR_ID,

CARRNAME TYPE S_CARRNAME,

CURRCODE TYPE S_CURRCODE,

URL TYPE S_CARRURL,

LINE_COLOR TYPE CHAR4, "SATIRN RENKLENDIRME ICIN TANIMLANIR

CELL_COLOR TYPE LVC_T_SCOL, "HUCRE RENKLENDIRME ICIN TANIMLANIR

COST TYPE INT4, "SONRADAN EKLENEN ALAN TOPLAM DEĞERI ICIN

LOCATION TYPE CHAR20, "DROPDOWN KOLON BAZINDA EKLENTISI ICIN

SEATP TYPE CHAR10, "DROPDOWN HUCRE BAZINDA EKLENTISI ICIN

DD_HANDLE TYPE INT4, "DROPDOWN ICIN 3,4 VEYA 5 HANDLE ID SI OLAN DROPDOWN LIS

TEYI KULLANMASI ICIN. ALV RAPORDA GÖSTERILMEZ.

CELLSTYLE TYPE LVC_T_STYL, "HUCRE STIL, FONT ÇALIŞMALARI ICIN TANIMLANIR, LVC <<T>>

STYL T OLMASI SEBEBIYLE STRUCTER DA AYRICA TANIMLANIR.

END OF GTY_SCARR.

*ALV EKCRANINDA HUCRE BAZINDA STIL VEYA FONT ICIN TANIMLANAN STRUCTERDIR.

DATA: GS_CELLSTYLE TYPE LVC_S_STYL.

*ALV EKCRANINDA HUCRE BAZINDA RENKLENDIRME ICIN YAPILAN TANIMLAMADIR.

DATA: GS_CELL_COLOR TYPE LVC_S_SCOL.

*SET_TABLE_FOR_FIRST_DISPLAY METHODUNDAKI CHANGINGDE ISTENEN IT ILE BASLAYAN ALANA INTERNAL T
ABLE TANIMLAMAK ICIN. (I_STRUCTURE_NAME)

DATA: GT_SCARR TYPE TABLE OF GTY_SCARR,

GS_SCARR TYPE GTY_SCARR,

GT_FCAT TYPE LVC_T_FCAT,

GS_GCAT TYPE LVC_S_FCAT,

GS_LAYO TYPE LVC_S_LAYO.

*FIELD SYMBOL OLUŞTURMA

FIELD-SYMBOLS: <GFS_FC> TYPE LVC_S_FCAT,

"BOŞ KOLON ICIN TANIMLAMADIR.

<GFS_SCARR> TYPE GTY_SCARR.

"RENKLENDIRME ICIN SYMBOL TANIMLAMASIDIR.