

# LABEL CHANGES

28 September 2025 17:37

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*&-----*
*& Report YPRO_OOPS_ALV6_FACTORY_640
*&-----*
*&
*&-----*
REPORT ypro_oops_alv6_factory_640.

* SIMILAR TO REUSE_ALV_GRID_DISPLAY FUNCTION MODULE.

TABLES : vbak.

SELECT-OPTIONS : s_vbeln FOR vbak-vbeln.

DATA : gt_final TYPE TABLE OF ystr_order_640.

DATA : lo_alv TYPE REF TO cl_salv_table.

DATA : lo_value TYPE REF TO cl_salv_functions_list.

DATA lo_columns TYPE REF TO cl_salv_columns_table.

DATA : lo_text TYPE REF TO cl_salv_column.

DATA : lo_column TYPE REF TO cl_salv_column.

DATA : lo_sorts TYPE REF TO cl_salv_sorts.

DATA : lo_filters TYPE REF TO cl_salv_filters.

DATA : lo_filter TYPE REF TO cl_salv_filter.

SELECT a~vbeln
      a~erdat
      a~erzet
      a~ernam
      a~vbtyp
      b~posnr
      b~matnr
FROM vbak AS a JOIN vbap AS b
ON a~vbeln = b~vbeln
INTO TABLE Gt_final
WHERE a~vbeln IN s_vbeln.

TRY.
  CALL METHOD cl_salv_table=>factory
*   EXPORTING
*     list_display    = IF_SALV_C_BOOL_SAP=>FALSE
*     r_container    =
*     container_name =
  IMPORTING
    r_salv_table = lo_alv
  CHANGING
    t_table        = gt_final.
  CATCH cx_salv_msg.
ENDTRY.

CALL METHOD lo_alv->if_salv_gui_om_table_info~get_functions
RECEIVING
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value = lo_value.

*CALL METHOD lt_value->set_default
*  EXPORTING
*    value  = IF_SALV_C_BOOL_SAP=>TRUE
*
.

CALL METHOD lo_value->set_all
EXPORTING
  value = if_salv_c_bool_sap=>True.

CALL METHOD lo_alv->if_salv_gui_om_table_info~get_columns
RECEIVING
  value = lo_columns.

CALL METHOD lo_columns->set_column_position
EXPORTING
  columnname = 'ERDAT'
  position   = 3.

CALL METHOD lo_columns->set_column_position
EXPORTING
  columnname = 'ERZET'
  position   = 2.

TRY.
  CALL METHOD lo_columns->get_column
  EXPORTING
    columnname = 'VBELN'
  RECEIVING
    value      = lo_COLUMN.
  CATCH cx_salv_not_found.
ENDTRY.

CALL METHOD lo_column->set_long_text
EXPORTING
  value = 'Documnet Number'.

CALL METHOD lo_alv->if_salv_gui_om_table_info~get_sorts
RECEIVING
  value = lo_sorts.

TRY.
  CALL METHOD lo_sorts->add_sort
  EXPORTING
    columnname = 'VBELN'
*    position   =
*    sequence   = if_salv_c_sort=>sort_down
*    subtotal   = IF_SALV_C_BOOL_SAP=>FALSE
*    group     = IF_SALV_C_SORT=>GROUP_NONE
*    obligatory = IF_SALV_C_BOOL_SAP=>FALSE
*    receiving
*    value      = LO_SORT
*
  CATCH cx_salv_not_found.
  CATCH cx_salv_existing.
  CATCH cx_salv_data_error.
ENDTRY.

*TRY.
*CALL METHOD lo_sorts->add_sort
*  EXPORTING
*    columnname = 'ERNAM'

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**      position      =
*      sequence      = IF_SALV_C_SORT=>SORT_UP
**      subtotal      = IF_SALV_C_BOOL_SAP=>FALSE
**      group         = IF_SALV_C_SORT=>GROUP_NONE
***      obligatory   = IF_SALV_C_BOOL_SAP=>FALSE
**      receiving     =
**      value         = LO_SORT
*
*      .
*      CATCH cx_salv_not_found.
*      CATCH cx_salv_existing.
*      CATCH cx_salv_data_error.
*ENDTRY.

CALL METHOD lo_alv->if_salv_gui_om_table_info~get_filters
      RECEIVING
      value = lo_filters.

TRY.
  CALL METHOD lo_filters->add_filter
    EXPORTING
      columnname = 'POSNR'
      sign       = 'I'
      option     = 'EQ'
      low        = '10'
*      high       =
      receiving
      value      = lo_filter
      .
      CATCH cx_salv_not_found.
      CATCH cx_salv_data_error.
      CATCH cx_salv_existing.
ENDTRY.

TRY.
  CALL METHOD lo_filter->add_seLOPT
    EXPORTING
      sign   = 'I'
      option = 'EQ'
      low    = '20'
*      high   =
*      RECEIVING
*      value   =
      .
      CATCH cx_salv_data_error.
ENDTRY.

TRY.
  CALL METHOD lo_filter->add_seLOPT
    EXPORTING
      sign   = 'I'
      option = 'EQ'
      low    = '40'
*      high   =
*      RECEIVING
*      value   =
      .
      CATCH cx_salv_data_error.
ENDTRY.

CALL METHOD lo_alv->if_salv_gui_om_table_action~display.

```

# HOTSPOT

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*&-----*
*& Report YPRO_HOTSPOT_SALV_640
*&-----*
*&
*&-----*
REPORT ypro_hotspot_salv_640.

DATA : lt_data TYPE TABLE OF zord_h_12.

CLASS class1 DEFINITION.
  PUBLIC SECTION.
    CLASS-
METHODS : hotspot FOR EVENT link_click OF cl_salv_events_table IMPORTING ro
w.
ENDCLASS.
CLASS class1 IMPLEMENTATION.
  METHOD hotspot.
    READ TABLE lt_data INTO DATA(ls_data) INDEX row.
    SELECT * FROM zord_i_12 INTO TABLE @DATA(lt_item) WHERE ono = @ls_data-
ono.
    TRY.
      CALL METHOD cl_salv_table=>factory
*        EXPORTING
*          list_display = IF_SALV_C_BOOL_SAP=>FALSE
*          r_container =
*          container_name =
        IMPORTING
          r_salv_table = DATA(obj2)
        CHANGING
          t_table      = lt_item.
    CATCH cx_salv_msg.
  ENDTRY.

  obj2->display( ).

ENDMETHOD.
ENDCLASS.

START-OF-SELECTION.
  SELECT * FROM zord_h_12 INTO TABLE lt_data.
  TRY.
    CALL METHOD cl_salv_table=>factory
*      EXPORTING
*        list_display = IF_SALV_C_BOOL_SAP=>FALSE
*        r_container =
*        container_name =
      IMPORTING
        r_salv_table = DATA(obj)
      CHANGING
        t_table      = lt_data.
    CATCH cx_salv_msg.
  ENDTRY.

  DATA : lo_col TYPE REF TO cl_salv_column_table.

  CALL METHOD obj->if_salv_gui_table_info~get_columns
```

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RECEIVING
  value = DATA(lo_cols).

TRY.
  LO_col ?= lo_cols->get_column( 'ONO' ) .
  CATCH cx_salv_not_found.
ENDTRY.

LO_col->set_cell_type( if_salv_c_cell_type=>hotspot ) .

CALL METHOD obj->if_salv_gui_om_table_info~get_event
RECEIVING
  value = DATA(lo_event) .

SET HANDLER class1=>hotspot FOR    lo_event.

obj->display( ) .

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# DOUBLE CLICK

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*&-----*
*& Report YPRO_OOPS_ALV8_FACTORY_640
*&-----*
*&
*&-----*
REPORT ypro_oops_alv8_factory_640.

TABLES : vbak .
SELECT-OPTIONS S_vbeln FOR vbak-vbeln.

TYPES : BEGIN OF lty_vbak,
         vbeln TYPE vbeln_va,
         erdat TYPE erdat,
         erzet TYPE erzet,
         ernam TYPE ernam,
         vbtyp TYPE vbtyp,
      END OF lty_vbak.

DATA : lt_vbak TYPE TABLE OF lty_vbak.

TYPES : BEGIN OF lty_vbap,
         vbeln TYPE vbeln_va,
         posnar TYPE posnr_va,
         matnr TYPE matnr,
      END OF lty_vbap.
DATA : lt_vbap TYPE TABLE OF lty_vbap.

DATA : lo_alv1 TYPE REF TO cl_salv_table.
DATA : lo_alv2 TYPE REF TO cl_salv_table.

DATA : lo_functions TYPE REF TO cl_salv_functions_list.
DATA : lo_events TYPE REF TO cl_salv_events_table.

CLASS class1 DEFINITION.
  PUBLIC SECTION.
    METHODS d_click FOR EVENT double_click OF cl_salv_events_table IMPORTING row column.
  ENDCCLASS.

CLASS class1 IMPLEMENTATION.
  METHOD d_click.
    DATA(ls_vbak) = lt_vbak[ row ].
    IF sy-subrc EQ 0.
      SELECT vbeln posnr matnr
        FROM vbap
        INTO TABLE lt_vbap
        WHERE vbeln = ls_vbak-vbeln.

    TRY.
      CALL METHOD cl_salv_table=>factory
      EXPORTING
      *
      *      list_display    = IF_SALV_C_BOOL_SAP=>FALSE
      *      r_container    =
      *      container_name =
      IMPORTING
      *      r_salv_table   = lo_alv2
      CHANGING
      *
```

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        t_table      = lt_vbap.
    CATCH cx_salv_msg.
ENDTRY.

CALL METHOD lo_alv2->if_salv_gui_om_table_info~get_functions
RECEIVING
    value = lo_functions.

CALL METHOD lo_functions->set_all
EXPORTING
    value = if_salv_c_bool_sap=>true.

CALL METHOD lo_alv2->if_salv_gui_om_table_action~display.

ENDIF.
ENDMETHOD.
ENDCLASS.
```

#### START-OF-SELECTION.

```

SELECT vbeln erdat erzet ernam vbtyp
FROM vbak
INTO TABLE lt_vbak
WHERE vbeln IN s_vbeln.
```

```

TRY.
    CALL METHOD cl_salv_table=>factory
EXPORTING
    list_display = IF_SALV_C_BOOL_SAP=>False
*
    r_container =
*
    container_name =
    IMPORTING
        r_salv_table = lo_alv1
    CHANGING
        t_table      = lt_vbak.
    CATCH cx_salv_msg.
ENDTRY.
```

```

CALL METHOD lo_alv1->if_salv_gui_om_table_info~get_functions
RECEIVING
    value = lo_functions.
CALL METHOD lo_functions->set_all
EXPORTING
    value = if_salv_c_bool_sap=>true.
```

```

CALL METHOD lo_alv1->if_salv_gui_om_table_info~get_event
RECEIVING
    value = lo_events.
```

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DATA : lo_object TYPE REF TO class1.
CREATE OBJECT lo_object.
SET HANDLER lo_object->d_click FOR lo_events.
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```
CALL METHOD lo_alv1->if_salv_gui_om_table_action~display.
```

# HIDE

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```
*****START OF HOT SPOT ON *****
o_cols = o_salv->get_columns( ).
TRY.
  o_col ?= o_cols->get_column( 'VBELN' ). " sales reder number
  CATCH cx_salv_not_found.
ENDTRY.
o_col->set_cell_type( if_salv_c_cell_type=>hotspot ).
* o_col->set_cell_type( value = 5 ).
*****END OF HOT SPOT ON *****
*****START OF HIDING A COLUMN *****
TRY.
  o_col ?= o_cols->get_column( 'ERZET' ). " Entry time
  CATCH cx_salv_not_found.
ENDTRY.
o_col->set_visible( value = if_salv_c_bool_sap=>false ).
*****END OF HIDING A COLUMN *****
```

# COLOR COLUMN

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```
CALL METHOD obj->if_salv_gui_om_table_info~get_columns
  RECEIVING
    value = DATA(lo_cols).

TRY.
  LO_col ?= lo_cols->get_column( 'TA' ) .
  CATCH cx_salv_not_found.
ENDTRY.

DATA : ls_color TYPE lvc_s_col0.

ls_color-col = col_heading.
lo_col->set_color( ls_color ).
```