

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_on_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.

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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 row.
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_on_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,
        posnr 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 IMPORTI
NG row column.
ENDCLASS.

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.

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START-OF-SELECTION.

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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.

DATA : lo_object TYPE REF TO class1.
CREATE OBJECT lo_object.
SET HANDLER lo_object->d_click FOR lo_events.

CALL METHOD lo_alv1->if_salv_gui_om_table_action~display.

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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 *****
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COLOR COLUMN

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CALL METHOD obj->if_salv_gui_on_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_colo.

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