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Displaying TOP-OF-PAGE at Right, Center and Left

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Error rendering macro 'code': Invalid value specified for parameter 'lang'

```
REPORT ZALVTEST.
TABLES VBAK.
* type pools
TYPE-POOLS SLIS.
* types and internal tables
*Data Declaration
TYPES: BEGIN OF T_VBAK,
VBELN TYPE VBAK-VBELN,
ERDAT TYPE VBAK-ERDAT,
ERNAM TYPE VBAK-ERNAM,
AUDAT TYPE VBAK-AUDAT,
VBTYP TYPE VBAK-VBTYP,
NETWR TYPE VBAK-NETWR,
VKORG TYPE VBAK-VKORG,
VKGRP TYPE VBAK-VKGRP,
END OF T_VBAK.
DATA IT_VBAK TYPE STANDARD TABLE OF T_VBAK INITIAL SIZE 0.
*ALV Data Declaration
DATA: FLDCAT TYPE SLIS_T_FIELDCAT_ALV,
W_FLDCAT TYPE SLIS_FIELDCAT_ALV,
GD_LAYOUT TYPE SLIS_LAYOUT_ALV,
GD_REPID TYPE SY-REPID.
DATA: DATE1(10).
* selection screen design
SELECT-OPTIONS: VBELN FOR VBAK-VBELN.
* start of selection
START-OF-SELECTION.
    PERFORM DATA_RETRIEVAL.
    PERFORM BLD_FLDCAT.
```

```
PERFORM BLD_LAYOUT.
PERFORM DISPLAY_ALV_REPORT.
*-----
* build catalog
*-----
*Build Field Catalog for ALV Report
FORM BLD_FLDCAT.
  W_FLDCAT-FIELDNAME = 'VBELN'.
  W_FLDCAT-SELTEXT_M = 'Sales_Document'.
  W_FLDCAT-COL_POS = 0.
  W_FLDCAT-OUTPUTLEN = 15.
  W_FLDCAT-KEY = 'X'.
  W_FLDCAT-ICON = 'X'.
  APPEND W_FLDCAT TO FLDCAT.
  CLEAR W_FLDCAT.
  W_FLDCAT-FIELDNAME = 'ERDAT'.
  W_FLDCAT-SELTEXT_L = 'Record_Date_created'.
  W_FLDCAT-COL_POS = 1.
  W_FLDCAT-KEY = 'X'.
  APPEND W_FLDCAT TO FLDCAT.
  CLEAR W_FLDCAT.
  W_FLDCAT-FIELDNAME = 'ERNAM'.
  W_FLDCAT-SELTEXT_L = 'Cteated_Person_Name'.
  W_FLDCAT-COL_POS = 2.
  W_FLDCAT-EMPHASIZE = 'C011'.
  APPEND W_FLDCAT TO FLDCAT.
  CLEAR W_FLDCAT.
  W_FLDCAT-FIELDNAME = 'AUDAT'.
  W_FLDCAT-SELTEXT_M = 'Document_Date'.
  W_FLDCAT-COL_POS = 3.
  W_FLDCAT-EMPHASIZE = 'C110'.
  APPEND W_FLDCAT TO FLDCAT.
  CLEAR W_FLDCAT.
  W_FLDCAT-FIELDNAME = 'VBTYP'.
  W_FLDCAT-SELTEXT_L = 'SDDocument_category'.
  W_FLDCAT-COL_POS = 4.
  APPEND W_FLDCAT TO FLDCAT.
  CLEAR W_FLDCAT.
  W_FLDCAT-FIELDNAME = 'NETWR'.
  W_FLDCAT-SELTEXT_L = 'Net_Value'.
  W_FLDCAT-COL_POS = 5.
  W_FLDCAT-OUTPUTLEN = 10.
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W_FLDCAT-DO_SUM = 'X'.
W_FLDCAT-DATATYPE = 'CURR'.
APPEND W_FLDCAT TO FLDCAT.
CLEAR W_FLDCAT.
W_FLDCAT-FIELDNAME = 'VKORG'.
W_FLDCAT-SELTEXT_L = 'Sales_Organization'.
W_FLDCAT-COL_POS = 6.
APPEND W_FLDCAT TO FLDCAT.
CLEAR W_FLDCAT.
W_FLDCAT-FIELDNAME = 'VKGRP'.
W_FLDCAT-SELTEXT_M = 'Sales_Group'.
W_FLDCAT-COL_POS = 7.
W_FLDCAT-EMPHASIZE = 'C801'.
APPEND W_FLDCAT TO FLDCAT.
CLEAR W_FLDCAT.
ENDFORM. "BLD_FLDCAT
*-----
* display fatalog
*-----
*Build Layout for ALV Grid Report
FORM BLD_LAYOUT.
  GD_LAYOUT-NO_INPUT = 'X'.
  GD_LAYOUT-BOX_FIELDNAME = 'VBELN'.
ENDFORM. "BLD_LAYOUT
*Display report using ALV grid
FORM DISPLAY_ALV_REPORT.
  GD_REPID = SY-REPID.
  CALL FUNCTION 'REUSE_ALV_GRID_DISPLAY'
    EXPORTING
      I_CALLBACK_PROGRAM          = GD_REPID
      IS_LAYOUT                   = GD_LAYOUT
      I_CALLBACK_HTML_TOP_OF_PAGE = 'TOP_OF_PAGE_SPLIT'
      IT_FLDCAT                   = FLDCAT[]
    TABLES
      T_OUTTAB                    = IT_VBAK.
ENDFORM. "DISPLAY_ALV_REPORT
*-----
* get data
*-----
*Retrieve data from VBAK table and populate itab IT_VBAK
FORM DATA_RETRIEVAL.
  SELECT VBELN

```

```

ERDAT
ERNAM
AUDAT
VB Typ
NETWR
VKORG
FROM VBAK
INTO TABLE IT_VBAK
WHERE VBELN IN VBELN.
ENDFORM. "DATA_RETRIEVAL
*-----
* build header for alv
*-----
FORM TOP_OF_PAGE_SPLIT USING R_TOP TYPE REF TO CL_DD_DOCUMENT.
  DATA: S_TAB TYPE SDYDO_TEXT_TABLE,
        C_AREA TYPE REF TO CL_DD_AREA,
        TEXT TYPE SDYDO_TEXT_ELEMENT.
  TYPES: BEGIN OF TAB_TEXT,
        TEXT TYPE SDYDO_TEXT_ELEMENT,
        END OF TAB_TEXT.
  DATA: I_TEXT TYPE TABLE OF TAB_TEXT.
  DATA: W_TEXT TYPE TAB_TEXT.
  CALL METHOD R_TOP->INITIALIZE_DOCUMENT.
  CALL METHOD R_TOP->VERTICAL_SPLIT
    EXPORTING
      SPLIT_AREA = R_TOP
      SPLIT_WIDTH = '70%'
    IMPORTING
      RIGHT_AREA = C_AREA.
  CONCATENATE SY-DATUM+4(2)
    ' / '
  SY-DATUM+6(2)
    ' / '
  SY-DATUM(4)
  INTO DATE1.
  CONCATENATE 'DATE'
  DATE1
  INTO W_TEXT-TEXT
  SEPARATED BY ':'.
  APPEND W_TEXT TO I_TEXT.
  CONCATENATE 'time:' SY-UZEIT INTO W_TEXT .
  APPEND W_TEXT TO I_TEXT.

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CONCATENATE 'uesr:' SY-UNAME INTO W_TEXT .
APPEND W_TEXT TO I_TEXT.
CONCATENATE 'local date:' SY-DATLO INTO W_TEXT .
APPEND W_TEXT TO I_TEXT.
CONCATENATE 'time zone:' SY-ZONLO INTO W_TEXT .
APPEND W_TEXT TO I_TEXT.
S_TAB[] = I_TEXT[].
CALL METHOD C_AREA->ADD_TEXT
  EXPORTING
    TEXT_TABLE    = S_TAB
    FIX_LINES     = 'X'
    SAP_FONTSIZE  = CL_DD_DOCUMENT=>MEDIUM
    SAP_EMPHASIS  = CL_DD_DOCUMENT=>STRONG.
CALL METHOD R_TOP->ADD_GAP
  EXPORTING
    WIDTH = 60.
TEXT = 'THIS IS REPORT HEADING'.
CALL METHOD R_TOP->ADD_TEXT
  EXPORTING
    TEXT          = TEXT
    SAP_EMPHASIS  = 'STRONG'.
CALL METHOD R_TOP->NEW_LINE.
CALL METHOD R_TOP->ADD_GAP
  EXPORTING
    WIDTH = 70.
TEXT = 'THIS IS REPORT HEADING1'.
CALL METHOD R_TOP->ADD_TEXT
  EXPORTING
    TEXT          = TEXT
    SAP_EMPHASIS  = 'STRONG'.
CALL METHOD R_TOP->NEW_LINE.
CALL METHOD R_TOP->ADD_GAP
  EXPORTING
    WIDTH = 80.
TEXT = 'THIS IS REPORT HEADING2'.
CALL METHOD R_TOP->ADD_TEXT
  EXPORTING
    TEXT          = TEXT
    SAP_EMPHASIS  = 'STRONG'.
CALL METHOD R_TOP->NEW_LINE.
TEXT = 'Report Subheading1'.
CALL METHOD R_TOP->ADD_TEXT

```

```

EXPORTING
  TEXT      = TEXT
  SAP_EMPHASIS = 'NORMAL'.
CALL METHOD R_TOP->NEW_LINE.
TEXT = 'Report Subheading2'.
CALL METHOD R_TOP->ADD_TEXT
EXPORTING
  TEXT      = TEXT
  SAP_EMPHASIS = 'NORMAL'.
CALL METHOD R_TOP->NEW_LINE.
TEXT = 'Report Subheading3'.
CALL METHOD R_TOP->ADD_TEXT
EXPORTING
  TEXT      = TEXT
  SAP_EMPHASIS = 'NORMAL'.
CALL METHOD R_TOP->NEW_LINE.
ENDFORM. "TOP_OF_PAGE_SPLIT

```

Out Put :

<div> <div> <div>THIS IS REPORT HEADING</div> <div>THIS IS REPORT HEADING1</div> <div>THIS IS REPORT HEADING2</div> </div> <div> <div>Report Subheading1</div> <div>Report Subheading2</div> <div>Report Subheading3</div> </div> <div> <div>DATE:10 /29 /20</div> <div>time:161512</div> <div>uesr:SAPUSER</div> <div>local date:20131029</div> <div>time zone:INDIA</div> </div> </div>							
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