

ABAP Editor: Change Report ZOOPS_ALV

Report

ZOOPS_ALV

Active

```

1  *-----*
2  *& Report ZOOPS_ALV
3  *&-----*
4  *&
5  *&-----*
6  REPORT zoops_alv.
7
8  *-----*
9  *& Report ZOOPS_ALV
10 *&-----*
11 *&
12 *&-----*
13 TABLES: vbak, vbap.
14 *TYPES: BEGIN OF lty_vbak,
15     vbeln TYPE vbeln_va,
16     erdat TYPE erdat,
17     erzet TYPE erzet,
18     ernam TYPE ernam,
19     vbtyp TYPE vbtyp1,
20     END OF lty_vbak.
21
22 DATA: lt_vbak TYPE TABLE OF lty_vbak,
23       lwa_vbak TYPE lty_vbak.
24
25 *TYPES: BEGIN OF lty_vbap,
26     vbeln TYPE vbeln_va,
27     posnr TYPE posnr_va,
28     matnr TYPE matnr,
29     END OF lty_vbap.
30
31 DATA: lt_vbap TYPE TABLE OF lty_vbap,
32       lwa_vbap TYPE lty_vbap.
33

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```
46
47 DATA:lv_index TYPE n.
48 *
49 DATA:lt_fieldcat TYPE lvc_t_fcat,
50       ls_fieldcat TYPE lvc_s_fcat.
51
52 □ *DATA:lt_fieldcat TYPE table of slis_fieldcat_alv,
53   l *      lwa_fieldcat TYPE slis_fieldcat_alv.
54
55 DATA:obj_container TYPE REF TO cl_gui_custom_container.
56
57 DATA:obj_grid TYPE REF TO cl_gui_alv_grid.
58
59 DATA:lt_sort TYPE lvc_t_sort.
60 DATA:ls_sort TYPE lvc_s_sort.
61
62 DATA:lt_filter TYPE lvc_t_filt.
63 DATA:ls_filter TYPE lvc_s_filt.
64
65
```

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65
66 SELECT-OPTIONS:s_vbeln FOR vbak-vbeln.
67
68 □ *SELECT a~vbeln a~erdat a~erzet a~ernam a~vbttyp b~posnr b~matnr
69 | * FROM vbak AS a INNER JOIN vbap AS b
70 | * ON a~vbeln = b~vbeln
71 | * INTO TABLE lt_final
72 | * WHERE a~vbeln IN s_vbeln.
73
74 SELECT vbeln erdat erzet ernam vbttyp
75 FROM vbak
76 INTO TABLE lt_vbak
77 WHERE vbeln IN s_vbeln.
78
79 □ IF lt_vbak IS NOT INITIAL.
80 | SELECT vbeln posnr matnr
81 | FROM vbap
82 | INTO TABLE lt_vbak
83 | FOR ALL ENTRIES IN lt_vbak
84 | WHERE vbeln = lt_vbak-vbeln.
85 | ENDIF.
86
```

```
86  
87     SORT lt_vbak BY vbeln.  
88     SORT lt_vbap BY vbeln.  
89     LOOP AT lt_vbak INTO lwa_vbak.  
90         READ TABLE lt_vbap INTO lwa_vbap WITH KEY vbeln = lwa_vbak-vbeln.  
91         IF sy-subrc = 0.  
92             lv_index = sy-tabix.  
93         ENDIF.  
94         LOOP AT lt_vbap INTO lwa_vbap FROM lv_index.  
95             IF lwa_vbak-vbeln <> lwa_vbap-vbeln.  
96                 EXIT.  
97             ELSE.  
98                 lwa_final-vbeln = lwa_vbak-vbeln.  
99                 lwa_final-erdat = lwa_vbak-erdat.  
100                 lwa_final-erzet = lwa_vbak-erzet.  
101                 lwa_final-ernam = lwa_vbak-ernam.  
102                 lwa_final-posnr = lwa_vbap-posnr.  
103                 lwa_final-matnr = lwa_vbap-matnr.  
104                 APPEND lwa_final TO lt_final.  
105                 CLEAR:lwa_vbak,lwa_vbap,lwa_final.  
106             ENDIF.  
107         ENDLOOP.  
108     ENDLOOP.
```

```

111
112  ▫ *LOOP AT lt_final INTO lwa_final.
113      *   WRITE: / lwa_final-vbeln,
114              lwa_final-erdat,
115              lwa_final-erzet,
116              lwa_final-ernam,
117              lwa_final-posnr,
118              lwa_final-matnr.
119      *
120  ▫ *ENDLOOP.
121
122  CALL FUNCTION 'LVC_FIELDCATALOG_MERGE'
123      EXPORTING
124          *   I_BUFFER_ACTIVE           =
125          i_structure_name              = 'ZSTR_OOPS'
126  ▫ *   I_CLIENT_NEVER_DISPLAY          = 'X'
127      *   I_BYPASSING_BUFFER           =
128      *   I_INTERNAL_TABNAME           =
129      CHANGING
130          ct_fieldcat                  = lt_fieldcat
131      EXCEPTIONS
132          inconsistent_interface        = 1
133          program_error                 = 2
134          OTHERS                        = 3.
135  ▫ IF sy-subrc <> 0.
136      * Implement suitable error handling here
137  ▫ ENDIF.
138

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138
139
140 LOOP AT lt_fieldcat INTO ls_fieldcat.
141 IF ls_fieldcat-fieldname = 'VBELN'.
142     ls_fieldcat-reptext = 'Document Number'.
143     MODIFY lt_fieldcat FROM ls_fieldcat TRANSPORTING reptext.
144 ENDIF.
145 IF ls_fieldcat-fieldname = 'ERDAT'.
146     ls_fieldcat-col_pos = '3'.
147     MODIFY lt_fieldcat FROM ls_fieldcat TRANSPORTING col_pos.
148 ENDIF.
149 IF ls_fieldcat-fieldname = 'ERZET'.
150     ls_fieldcat-col_pos = '2'.
151     MODIFY lt_fieldcat FROM ls_fieldcat TRANSPORTING col_pos.
152 ENDIF.
153
154 ENDLOOP.
155
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155
156
157 □ *Manual Field Catalog Build.
158   *lt_fieldcat = VALUE #( ( col_pos = '1' fieldname = 'VBELN' hotspot = abap_true scrtext_1 = 'Sales Number' key = 'X' )
159   *                        ( col_pos = '2' fieldname = 'ERDAT' scrtext_1 = 'Sales Date' )
160   *                        ( col_pos = '3' fieldname = 'ERZET' scrtext_1 = 'Time' )
161   *                        ( col_pos = '4' fieldname = 'ERNAM' scrtext_1 = 'Name' key = 'X' )
162   *                        ( col_pos = '5' fieldname = 'VBTYP' scrtext_1 = 'Material Type' key = 'X' )
163   *                        ( col_pos = '6' fieldname = 'POSNR' scrtext_1 = 'Sales Item No' key = 'X' )
164   *                        ( col_pos = '7' fieldname = 'MATNR' hotspot = abap_true scrtext_1 = 'Material No' key = 'X' )
165   *                        ) .
166
167 □ *ls_fieldcat-col_pos = '1'.
168   *ls_fieldcat-fieldname = 'VBELN'.
169   *ls_fieldcat-scrtext_1 = 'Sales Number'.
170   *APPEND ls_fieldcat TO lt_fieldcat.
171   *CLEAR:ls_fieldcat.
172   *
173   *ls_fieldcat-col_pos = '2'.
174   *ls_fieldcat-fieldname = 'ERDAT'.
175   *ls_fieldcat-scrtext_1 = 'Sales Date'.
176   *APPEND ls_fieldcat TO lt_fieldcat.
177   *CLEAR:ls_fieldcat.
178   *
179   *
180   *ls_fieldcat-col_pos = '3'.
181   *ls_fieldcat-fieldname = 'ERZET'.
182   *ls_fieldcat-scrtext_1 = 'Time'.
183   *APPEND ls_fieldcat TO lt_fieldcat.
184   *CLEAR:ls_fieldcat.
185   *

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186 *
187 *ls_fieldcat-col_pos = '4'.
188 *ls_fieldcat-fieldname = 'ERNAM'.
189 *ls_fieldcat-scrtext_1 = 'Name'.
190 *APPEND ls_fieldcat TO lt_fieldcat.
191 *CLEAR:ls_fieldcat.
192 *
193 *
194 *ls_fieldcat-col_pos = '5'.
195 *ls_fieldcat-fieldname = 'VBTP'.
196 *ls_fieldcat-scrtext_1 = 'Material Type'.
197 *APPEND ls_fieldcat TO lt_fieldcat.
198 *CLEAR:ls_fieldcat.
199 *
200 *
201 *ls_fieldcat-col_pos = '6'.
202 *ls_fieldcat-fieldname = 'POSNR'.
203 *ls_fieldcat-scrtext_1 = 'Item'.
204 *APPEND ls_fieldcat TO lt_fieldcat.
205 *CLEAR:ls_fieldcat.
206
207
208
209 □ *ls_fieldcat-col_pos = '7'.
210 | *ls_fieldcat-fieldname = 'MATNR'.
211 | *ls_fieldcat-scrtext_1 = 'Material Number'.
212 | *APPEND ls_fieldcat TO lt_fieldcat.
213 | *CLEAR:ls_fieldcat.
214
215
```



```
216
217
218 CREATE OBJECT obj_container
219     EXPORTING
220         container_name = 'CON_NAM'. "Container Name
221
222 CREATE OBJECT obj_grid
223     EXPORTING
224         i_parent = obj_container. "Parent Object
225     .
226
227 ls_sort-fieldname = 'ERDAT'.
228 *ls_sort-up = 'X'.
229 ls_sort-down = 'X'.
230 APPEND ls_sort TO lt_sort.
231 CLEAR:ls_sort.
232
233 ls_filter-fieldname = 'MATNR'.
234 ls_filter-sign = 'I'.
235 ls_filter-option = 'EQ'.
236 ls_filter-low = '000000000000000062'.
237 APPEND ls_filter TO lt_filter.
238 CLEAR ls_filter.
239
```

```

241
242 CALL METHOD obj_grid->set_table_for_first_display
243 EXPORTING
244 □ * i_buffer_active =
245   * i_bypassing_buffer =
246   * i_consistency_check =
247   i_structure_name = 'ZSTR_OOPS'
248 □ * is_variant =
249   * i_save =
250   * i_default = 'X'
251   * is_layout =
252   * is_print =
253   * it_special_groups =
254   * it_toolbar_excluding =
255   * it_hyperlink =
256   * it_alv_graphics =
257   * it_except_qinfo =
258   * ir_salv_adapter =
259 CHANGING
260   it_outtab = lt_final
261   it_fieldcatalog = lt_fieldcat
262   it_sort = lt_sort
263   it_filter = lt_filter
264 EXCEPTIONS
265   invalid_parameter_combination = 1
266   program_error = 2
267   too_many_lines = 3
268   OTHERS = 4.
269 □ IF sy-subrc <> 0.
270   * Implement suitable error handling here
271   ENDIF.
272
273 CALL SCREEN '0100'.

```

```
269 IF sy-subrc <> 0.  
270     * Implement suitable error handling here  
271 ENDIF.  
272  
273 CALL SCREEN '0100'.  
274  
275 *INCLUDE zoops_alv_user_command_0100i03.  
276  
277 INCLUDE zoops_alv_status_0100o01.  
278  
279 INCLUDE zoops_alv_user_command_0100i01.
```

**SAP**

Sales Document	Time	Created On	Created By	Item	Material
6	00:05:34	10.01.2025	BEST	10	00000000000000000062
5	23:51:47	09.01.2025	BEST	10	00000000000000000062

```
225 .  
226  
227 ls_sort-fieldname = 'ERDAT'.  
228 *ls_sort-up = 'X'.  
229 ls_sort-down = 'X'.  
230 APPEND ls_sort TO lt_sort.  
231 CLEAR:ls_sort.  
232  
233 ls_filter-fieldname = 'MATNR'.  
234 ls_filter-sign = 'I'.  
235 ls_filter-option = 'EQ'.  
236 ls_filter-low = '00000000000000000062'.  
237 APPEND ls_filter TO lt_filter.  
238 CLEAR ls_filter.  
239
```

```
257     it_except_qinfo =
258     [ * ir_salv_adapter =
259     CHANGING
260         it_outtab = lt_final
261         it_fieldcatalog = lt_fieldcat
262         it_sort = lt_sort
263         it_filter = lt_filter
264     EXCEPTIONS
265         invalid_parameter_combination = 1
266         program_error = 2
```