

## Controlling Aggregation, Filtering & Sorting in ALV

General actions like aggregation(total), filtering & sorting is automatically enabled for the fields and obviously aggregation of the fields with relevant data type. It is also possible to disable all the actions on the particular column(s) as per needed by using the methods of the IDA interface IF\_SALV\_GUI\_FIELD\_CATALOG\_IDA

Interface IF_SALV_GUI_FIELD_CATALOG_IDA Implemented / Active			
Properties	Interfaces	Attributes	Methods
Parameters	Exceptions		
Method	Level	M...	Description
GET_ALL_FIELDS	Instance Method		Fetch all fields of the table/view
SET_AVAILABLE_FIELDS	Instance Method		Set fields that are available for lis
GET_AVAILABLE_FIELDS	Instance Method		Fetch fields that are available for
SET_DATA_ELEMENT	Instance Method		Set data description of a field by
SET_FIELD_HEADER_TEXTS	Instance Method		Set the header text for a field
SET_CURRENCY_REFERENCE_FIELD	Instance Method		Set the currency reference field
SET_FIXED_CURRENCY	Instance Method		Set a fixed currency for an amo
SET_FIXED_UNIT	Instance Method		Set a fixed unit for a quantity fie
SET_UNIT_REFERENCE_FIELD	Instance Method		Set the unit reference field for a
SET_UNIQUE_ROW_KEY	Instance Method		Set the unique row key of the lis
SET_SORT_STRATEGY	Instance Method		Redefine ALV default sort param
GET_UNIQUE_ROW_KEY	Instance Method		Get the unique row key of the lis
DISABLE_AGGREGATION	Instance Method		Disable aggregation function for
DISABLE_SORT	Instance Method		Disable sorting/grouping function
DISABLE_FILTER	Instance Method		Disable filter function for a field
DISPLAY_OPTIONS	Instance Method		Get an instance for manipulating
ENABLE_TEXT_SEARCH	Instance Method		EnableText search for a field

A simple program.

**ABAP Editor: Change Report ZFLIGHT\_ALV\_IDA**

Report ZFLIGHT\_ALV\_IDA Active

```

1  REPORT zflight_alv_ida.
2
3  DATA: lr_salv TYPE REF TO if_salv_gui_table_ida.
4  DATA: lr_fcat TYPE REF TO if_salv_gui_field_catalog_ida.
5  TRY.
6    cl_salv_gui_table_ida=>create(
7      EXPORTING
8        iv_table_name      = 'SFLIGHT'
9      RECEIVING
10       ro_alv_gui_table_ida = lr_salv ).
11   CATCH cx_salv_db_connection.
12   CATCH cx_salv_db_table_not_supported.
13   CATCH cx_salv_ida_contract_violation.
14 ENDTRY.
15
16 * Display ALV
17 lr_salv->fullscreen( )->display( ).

```

Output: Right click on the CONNID field & choose the option – Group.

**Flight ALV with IDA**

Carrier	Flight No.	Flight Date	Airfare Curr.	Plane Type	Capacity	Occupi	Total	Capac	Occupi	Capac	Occupi
AA		Show...		747-400	385	367	188.661,05	31	30	21	19
AA		Hide		747-400	385	365	187.705,21	31	29	21	20
AA		Sort in Ascending Order		747-400	385	374	193.749,11	31	29	21	21
AA		Sort in Descending Order		747-400	385	366	189.160,18	31	29	21	21
AA		Custom Filter...		747-400	385	366	190.158,32	31	29	21	21
AA		Group		747-400	385	366	189.430,85	31	30	21	20
AA		Ungroup All		747-400	385	373	195.478,84	31	31	21	21
AA		Total		747-400	385	373	191.727,31	31	30	21	19
AA		Optimize all Columns		747-400	385	373	193.956,31	31	31	21	20
AA				747-400	385	142	72.893,81	31	11	21	7
AA				747-400	385	165	85.395,95	31	13	21	9
AA				747-400	385	36	18.080,67	31	2	21	2
AA	17	19.02.2014	778,94 USD	747-400	385	26	13.043,49	31	2	21	1
AA	17	19.03.2014	778,94 USD	747-400	385	0	0,00	31	0	21	0
AA	17	16.04.2014	778,94 USD	747-400	385	23	11.761,96	31	2	21	1
AA	64	22.03.2013	778,94 USD	A310-300	280	270	132.811,73	22	21	10	9
AA	64	19.04.2013	778,94 USD	A310-300	280	270	134.389,32	22	22	10	9
AA	64	17.05.2013	778,94 USD	A310-300	280	271	133.539,20	22	22	10	9
AA	64	14.06.2013	778,94 USD	A310-300	280	268	131.132,66	22	22	10	8
AA	64	12.07.2013	778,94 USD	A310-300	280	267	131.200,42	22	20	10	10
AA	64	09.08.2013	778,94 USD	A310-300	280	271	134.951,80	22	22	10	10
AA	64	06.09.2013	778,94 USD	A310-300	280	261	128.586,50	22	19	10	10
AA	64	04.10.2013	778,94 USD	A310-300	280	261	130.350,19	22	21	10	10
AA	64	01.11.2013	778,94 USD	A310-300	280	271	134.672,67	22	22	10	10
AA	64	29.11.2013	778,94 USD	A310-300	280	0	0,00	22	0	10	0
AA	64	27.12.2013	778,94 USD	A310-300	280	90	44.315,70	22	7	10	3
AA	64	24.01.2014	778,94 USD	A310-300	280	2	845,88	22	0	10	0
AA	64	21.02.2014	778,94 USD	A310-300	280	14	7.443,77	22	1	10	1
AA	64	21.03.2014	778,94 USD	A310-300	280	35	16.283,22	22	2	10	1
AA	64	18.04.2014	778,94 USD	A310-300	280	1	422,94	22	0	10	0
AZ	555	20.03.2013	541,00 EUR	A319	555	214	49.049,05	22	21	10	10
AZ	555	17.04.2013	541,00 EUR	A319	555	214	48.877,00	22	20	10	10
AZ	555	15.05.2013	541,00 EUR	A319	555	213	48.788,20	22	21	10	10
AZ	555	12.06.2013	541,00 EUR	A319	555	208	47.902,05	22	21	10	10
AZ	555	10.07.2013	541,00 EUR	A319	555	207	47.258,25	22	21	10	9
AZ	555	07.08.2013	541,00 EUR	A319	555	212	48.610,85	22	22	10	0

It groups all records based on the particular CONNID value.

## Flight ALV with IDA



Airline	No.	Flight Date	Airfare Curr.	Plane Ty	Capac.	Occupi.	Booking t	Capac.	Occupi.	Capac.	Occupi.
2 (15) [Connection Number]											
SQ	2	21.03.2013	2.676,04 SGD	DC-10-10	380	374	1.093.156,...	41	40	18	18
SQ		18.04.2013	2.676,04 SGD	DC-10-10	380	380	1.104.617,...	41	41	18	18
SQ		16.05.2013	2.676,04 SGD	DC-10-10	380	374	1.091.718,...	41	40	18	18
SQ		13.06.2013	2.676,04 SGD	DC-10-10	380	376	1.108.283,...	41	41	18	18
SQ		11.07.2013	2.676,04 SGD	DC-10-10	380	379	1.107.146,...	41	41	18	18
SQ		08.08.2013	2.676,04 SGD	DC-10-10	380	372	1.083.342,...	41	40	18	18
SQ		05.09.2013	2.676,04 SGD	DC-10-10	380	373	1.092.994,...	41	40	18	18
SQ		03.10.2013	2.676,04 SGD	DC-10-10	380	380	1.106.705,...	41	41	18	18
SQ		31.10.2013	2.676,04 SGD	DC-10-10	380	374	1.088.609,...	41	40	18	18
SQ		28.11.2013	2.676,04 SGD	DC-10-10	380	112	323.413,58	41	12	18	5
SQ		26.12.2013	2.676,04 SGD	DC-10-10	380	66	192.308,14	41	7	18	3
SQ		23.01.2014	2.676,04 SGD	DC-10-10	380	55	162.310,04	41	6	18	3
SQ		20.02.2014	2.676,04 SGD	DC-10-10	380	40	116.999,66	41	4	18	2
SQ		20.03.2014	2.676,04 SGD	DC-10-10	380	5	15.196,27	41	1	18	0
SQ		17.04.2014	2.676,04 SGD	DC-10-10	380	28	79.693,39	41	3	18	1
5 (15) [Connection Number]											
6 (15) [Connection Number]											
15 (15) [Connection Number]											
17 (15) [Connection Number]											
64 (15) [Connection Number]											
106 (15) [Connection Number]											
158 (15) [Connection Number]											
400 (16) [Connection Number]											
401 (17) [Connection Number]											
402 (17) [Connection Number]											
407 (15) [Connection Number]											
408 (15) [Connection Number]											
555 (15) [Connection Number]											
788 (15) [Connection Number]											
789 (15) [Connection Number]											
790 (15) [Connection Number]											
941 (17) [Connection Number]											
988 (15) [Connection Number]											
1699 (15) [Connection Number]											
1084 (15) [Connection Number]											

Ungroup it.



## Flight ALV with IDA

Airline	No.	Flight Date	Airfare	Curr.	Plane Ty	Capac	Occupi	Booking t	Capac	Occupi	Capac	Occupi
SQ	2 (15)				10-10	380	374	1.093.156,...	41	40	18	18
SQ					10-10	380	380	1.104.617,...	41	41	18	18
SQ					10-10	380	374	1.091.718,...	41	40	18	18
SQ					10-10	380	376	1.108.283,...	41	41	18	18
SQ					10-10	380	379	1.107.146,...	41	41	18	18
SQ					10-10	380	372	1.083.342,...	41	40	18	18
SQ					10-10	380	373	1.092.994,...	41	40	18	18
SQ					10-10	380	380	1.106.705,...	41	41	18	18
SQ					10-10	380	374	1.088.609,...	41	40	18	18
SQ					10-10	380	112	323.413,58	41	12	18	5
SQ					10-10	380	66	192.308,14	41	7	18	3
SQ		23.01.2014	2.676,04	SGD	DC-10-10	380	55	162.310,04	41	6	18	3
SQ		20.02.2014	2.676,04	SGD	DC-10-10	380	40	116.999,66	41	4	18	2
SQ		20.03.2014	2.676,04	SGD	DC-10-10	380	5	15.196,27	41	1	18	0
SQ		17.04.2014	2.676,04	SGD	DC-10-10	380	28	79.693,39	41	3	18	1
5 (15) [Connection Number]												
6 (15) [Connection Number]												
15 (15) [Connection Number]												
17 (15) [Connection Number]												
64 (15) [Connection Number]												
106 (15) [Connection Number]												
158 (15) [Connection Number]												
400 (16) [Connection Number]												
401 (17) [Connection Number]												
402 (17) [Connection Number]												

Filtering on the PLANETYPE column.

Airline	No.	Flight Date	Airfare	Curr.	Plane Type	Capacity	Occupi	Booking t	Capacity	Occupi	Capac	Occupi
AA	17	20.03.2013	778,94	USD	747-400			13.043,49	31	30	21	19
AA		17.04.2013	778,94	USD	747-400			0,00	31	29	21	20
AA		15.05.2013	778,94	USD	747-400				31	29	21	21
AA		12.06.2013	778,94	USD	747-400				31	29	21	21
AA		10.07.2013	778,94	USD	747-400				31	29	21	21
AA		07.08.2013	778,94	USD	747-400				31	30	21	20
AA		04.09.2013	778,94	USD	747-400				31	31	21	21
AA		02.10.2013	778,94	USD	747-400				31	30	21	19
AA		30.10.2013	778,94	USD	747-400				31	31	21	20
AA		27.11.2013	778,94	USD	747-400				31	11	21	7
AA		25.12.2013	778,94	USD	747-400				31	13	21	9
AA		22.01.2014	778,94	USD	747-400				31	2	21	2
AA		19.02.2014	778,94	USD	747-400	385	26	13.043,49	31	2	21	1
AA		19.03.2014	778,94	USD	747-400	385	0	0,00	31	0	21	0
AA		16.04.2014	778,94	USD	747-400	385	23	11.761,96	31	2	21	1
AA	64	22.03.2013	778,94	USD	A310-300	280	270	132.811,73	22	21	10	9
AA		19.04.2013	778,94	USD	A310-300	280	270	134.389,32	22	22	10	9

Press F4 and it lists all the distinct planetype value. Choose one.



## Flight ALV with IDA



Airl	No.	Flight Date	Airfa	Curr.	Plane Type	Capacity	Occupi	Booking t.	Capacity	Occupi	Capac	Occupi
LH	2407	23.03.2013	598,00	EUR	727-200	189	182	56.008,48	18	17	11	11
LH		20.04.2013	598,00	EUR	727-200	189	173	53.155,30	18	17	11	10
LH		18.05.2013	598,00	EUR	727-200	189	185	55.548,68	18	17	11	10
LH		15.06.2013	598,00	EUR	727-200	189	184	55.764,06	18	16	11	11
LH		13.07.2013	598,00	EUR	727-200	189	183	55.776,16	18	17	11	11
LH		10.08.2013	598,00	EUR	727-200	189	181	55.388,96	18	18	11	10
LH		28.08.2013	598,00	EUR	727-200	189	179	55.488,18	18	18	11	11
LH		07.09.2013	598,00	EUR	727-200	189	178	54.329,00	18	16	11	11
LH		28.09.2013	598,00	EUR	727-200	189	174	53.445,70	18	17	11	10
LH		05.10.2013	598,00	EUR	727-200	189	181	55.597,08	18	17	11	11
LH		02.11.2013	598,00	EUR	727-200	189	182	56.054,46	18	18	11	11
LH		30.11.2013	598,00	EUR	727-200	189	4	883,30	18	0	11	0
LH		28.12.2013	598,00	EUR	727-200	189	94	29.170,68	18	9	11	6
LH		25.01.2014	598,00	EUR	727-200	189	0	0,00	18	0	11	0
LH		22.02.2014	598,00	EUR	727-200	189	32	10.004,28	18	3	11	2
LH		22.03.2014	598,00	EUR	727-200	189	2	423,50	18	0	11	0
LH		19.04.2014	598,00	EUR	727-200	189	7	1.984,40	18	1	11	0
SQ	158	19.03.2013	850,79	SGD	727-200	189	189	118.150,71	18	18	11	11
SQ		16.04.2013	850,79	SGD	727-200	189	188	117.888,51	18	18	11	11
SQ		14.05.2013	850,79	SGD	727-200	189	189	119.071,08	18	18	11	11
SQ		11.06.2013	850,79	SGD	727-200	189	180	112.391,39	18	17	11	10
SQ		09.07.2013	850,79	SGD	727-200	189	186	116.710,85	18	18	11	11
SQ		06.08.2013	850,79	SGD	727-200	189	182	114.499,20	18	17	11	11
SQ		03.09.2013	850,79	SGD	727-200	189	180	111.322,62	18	17	11	10
SQ		01.10.2013	850,79	SGD	727-200	189	189	117.561,90	18	18	11	11
SQ		29.10.2013	850,79	SGD	727-200	189	183	114.672,35	18	17	11	11
SQ		26.11.2013	850,79	SGD	727-200	189	0	0,00	18	0	11	0
SQ		24.12.2013	850,79	SGD	727-200	189	0	0,00	18	0	11	0
SQ		21.01.2014	850,79	SGD	727-200	189	39	24.120,97	18	4	11	2
SQ		18.02.2014	850,79	SGD	727-200	189	0	0,00	18	0	11	0
SQ		18.03.2014	850,79	SGD	727-200	189	6	3.562,48	18	1	11	0
SQ		15.04.2014	850,79	SGD	727-200	189	18	11.380,15	18	2	11	1

Also Aggregation(Total).

## Flight ALV with IDA

Airl.	No.	Flight Date	Airfare Curr.	Plane Type	Capacity	Occu.	Booking tot.	Capacity	Occu.
LH	2407	23.03.2013	598,00 EUR	727-200				18	17
LH		20.04.2013	598,00 EUR	727-200				18	17
LH		18.05.2013	598,00 EUR	727-200				18	17
LH		15.06.2013	598,00 EUR	727-200				18	16
LH		13.07.2013	598,00 EUR	727-200				18	17
LH		10.08.2013	598,00 EUR	727-200				18	18
LH		28.08.2013	598,00 EUR	727-200				18	18
LH		07.09.2013	598,00 EUR	727-200				18	16
LH		28.09.2013	598,00 EUR	727-200				18	17
LH		05.10.2013	598,00 EUR	727-200				18	17
LH		02.11.2013	598,00 EUR	727-200				18	18
LH		30.11.2013	598,00 EUR	727-200				18	0
LH		28.12.2013	598,00 EUR	727-200				18	9
LH		25.01.2014	598,00 EUR	727-200	189	0	0,00	18	0
LH		22.02.2014	598,00 EUR	727-200	189	32	10.004,28	18	3
LH	158	22.03.2014	598,00 EUR	727-200	189	2	423,50	18	0
LH		19.04.2014	598,00 EUR	727-200	189	7	1.984,40	18	1
SQ		19.03.2013	850,79 SGD	727-200	189	189	118.150,71	18	18
SQ		16.04.2013	850,79 SGD	727-200	189	188	117.888,51	18	18
SQ		14.05.2013	850,79 SGD	727-200	189	189	119.071,08	18	18
SQ		11.06.2013	850,79 SGD	727-200	189	180	112.391,39	18	17
SQ		09.07.2013	850,79 SGD	727-200	189	186	116.710,85	18	18
SQ		06.08.2013	850,79 SGD	727-200	189	182	114.499,20	18	17
SQ		03.09.2013	850,79 SGD	727-200	189	180	111.322,62	18	17
SQ		01.10.2013	850,79 SGD	727-200	189	189	117.561,90	18	18
SQ		29.10.2013	850,79 SGD	727-200	189	183	114.672,35	18	17
SQ		26.11.2013	850,79 SGD	727-200	189	0	0,00	18	0
SQ		24.12.2013	850,79 SGD	727-200	189	0	0,00	18	0
SQ		21.01.2014	850,79 SGD	727-200	189	39	24.120,97	18	4
SQ		18.02.2014	850,79 SGD	727-200	189	0	0,00	18	0
SQ		18.03.2014	850,79 SGD	727-200	189	6	3.562,48	18	1
SQ		15.04.2014	850,79 SGD	727-200	189	18	11.380,15	18	2

It SUMS the column value.



## Flight ALV with IDA



Airl	No.	Flight Date	Airfare	Curr.	Plane Type	Capacity	Occupi	Booking tot	Capacity	Occupi	Capac	Occupi
						6.048						
LH	2407	23.03.2013	598,00	EUR	727-200	189	182	56.008,48	18	17	11	11
LH		20.04.2013	598,00	EUR	727-200	189	173	53.155,30	18	17	11	10
LH		18.05.2013	598,00	EUR	727-200	189	185	55.548,68	18	17	11	10
LH		15.06.2013	598,00	EUR	727-200	189	184	55.764,06	18	16	11	11
LH		13.07.2013	598,00	EUR	727-200	189	183	55.776,16	18	17	11	11
LH		10.08.2013	598,00	EUR	727-200	189	181	55.388,96	18	18	11	10
LH		28.08.2013	598,00	EUR	727-200	189	179	55.488,18	18	18	11	11
LH		07.09.2013	598,00	EUR	727-200	189	178	54.329,00	18	16	11	11
LH		28.09.2013	598,00	EUR	727-200	189	174	53.445,70	18	17	11	10
LH		05.10.2013	598,00	EUR	727-200	189	181	55.597,08	18	17	11	11
LH		02.11.2013	598,00	EUR	727-200	189	182	56.054,46	18	18	11	11
LH		30.11.2013	598,00	EUR	727-200	189	4	883,30	18	0	11	0
LH		28.12.2013	598,00	EUR	727-200	189	94	29.170,68	18	9	11	6
LH		25.01.2014	598,00	EUR	727-200	189	0	0,00	18	0	11	0
LH		22.02.2014	598,00	EUR	727-200	189	32	10.004,28	18	3	11	2
LH		22.03.2014	598,00	EUR	727-200	189	2	423,50	18	0	11	0
LH		19.04.2014	598,00	EUR	727-200	189	7	1.984,40	18	1	11	0
SQ	158	19.03.2013	850,79	SGD	727-200	189	189	118.150,71	18	18	11	11
SQ		16.04.2013	850,79	SGD	727-200	189	188	117.888,51	18	18	11	11
SQ		14.05.2013	850,79	SGD	727-200	189	189	119.071,08	18	18	11	11
SQ		11.06.2013	850,79	SGD	727-200	189	180	112.391,39	18	17	11	10
SQ		09.07.2013	850,79	SGD	727-200	189	186	116.710,85	18	18	11	11
SQ		06.08.2013	850,79	SGD	727-200	189	182	114.499,20	18	17	11	11
SQ		03.09.2013	850,79	SGD	727-200	189	180	111.322,62	18	17	11	10
SQ		01.10.2013	850,79	SGD	727-200	189	189	117.561,90	18	18	11	11
SQ		29.10.2013	850,79	SGD	727-200	189	183	114.672,35	18	17	11	11
SQ		26.11.2013	850,79	SGD	727-200	189	0	0,00	18	0	11	0
SQ		24.12.2013	850,79	SGD	727-200	189	0	0,00	18	0	11	0
SQ		21.01.2014	850,79	SGD	727-200	189	39	24.120,97	18	4	11	2
SQ		18.02.2014	850,79	SGD	727-200	189	0	0,00	18	0	11	0
SQ		18.03.2014	850,79	SGD	727-200	189	6	3.562,48	18	1	11	0
SQ		15.04.2014	850,79	SGD	727-200	189	18	11.380,15	18	2	11	1

Sorting on the CARRID column.



## Flight ALV with IDA

Carrier	No.	Flight Date	Airfare	Curr.	Plane Ty	Capac	Occupi	Total	Capac	Occupi	Capac	Occupi
AA	Show...				747-400	385	367	188.661,05	31	30	21	19
AA	Hide				747-400	385	365	187.705,21	31	29	21	20
AA	Sort in Ascending Order				747-400	385	374	193.749,11	31	29	21	21
AA	Sort in Descending Order				747-400	385	364	189.160,18	31	29	21	21
AA	Custom Filter...				747-400	385	366	190.158,32	31	29	21	21
AA	Group				747-400	385	366	189.430,85	31	30	21	20
AA	Ungroup All				747-400	385	373	195.478,84	31	31	21	21
AA	Total				747-400	385	373	191.727,31	31	30	21	19
AA	Optimize all Columns				747-400	385	373	193.956,31	31	31	21	20
AA	17	19.02.2014	778,94	USD	747-400	385	142	72.893,81	31	11	21	7
AA	17	19.03.2014	778,94	USD	747-400	385	165	85.395,95	31	13	21	9
AA	17	16.04.2014	778,94	USD	747-400	385	36	18.080,67	31	2	21	2
AA	64	22.03.2013	778,94	USD	A310-300	280	26	13.043,49	31	2	21	1
AA	64	19.04.2013	778,94	USD	A310-300	280	0	0,00	31	0	21	0
AA	64	17.05.2013	778,94	USD	A310-300	280	23	11.761,96	31	2	21	1
AA	64	14.06.2013	778,94	USD	A310-300	280	270	132.811,73	22	21	10	9
AA	64	12.07.2013	778,94	USD	A310-300	280	270	134.389,32	22	22	10	9
AA	64	09.08.2013	778,94	USD	A310-300	280	271	133.539,20	22	22	10	9
AA	64	06.09.2013	778,94	USD	A310-300	280	268	131.132,66	22	22	10	8
AA	64	04.10.2013	778,94	USD	A310-300	280	267	131.200,42	22	20	10	10
AA	64	01.11.2013	778,94	USD	A310-300	280	271	134.951,80	22	22	10	10
AA	64	29.11.2013	778,94	USD	A310-300	280	261	128.586,50	22	19	10	10
AA	64	27.12.2013	778,94	USD	A310-300	280	261	130.350,19	22	21	10	10
AA	64	24.01.2014	778,94	USD	A310-300	280	271	134.672,67	22	22	10	10
AA	64	21.02.2014	778,94	USD	A310-300	280	0	0,00	22	0	10	0
AA	64	21.03.2014	778,94	USD	A310-300	280	90	44.315,70	22	7	10	3
AA	64	18.04.2014	778,94	USD	A310-300	280	2	845,88	22	0	10	0
AZ	555	20.03.2013	541,00	EUR	A319	555	14	7.443,77	22	1	10	1
AZ	555	17.04.2013	541,00	EUR	A319	555	35	16.283,22	22	2	10	1
AZ	555	15.05.2013	541,00	EUR	A319	555	1	422,94	22	0	10	0
AZ	555	12.06.2013	541,00	EUR	A319	555	214	49.049,05	22	21	10	10
AZ	555	10.07.2013	541,00	EUR	A319	555	214	48.877,00	22	20	10	10
AZ	555	07.08.2013	541,00	EUR	A319	555	213	48.788,20	22	21	10	10
AZ	555	04.09.2013	541,00	EUR	A319	555	208	47.902,05	22	21	10	10
AZ	555	01.10.2013	541,00	EUR	A319	555	207	47.258,25	22	21	10	9
AZ	555	28.10.2013	541,00	EUR	A319	555	213	48.618,05	22	22	10	0

List sorted.

Carrier	No.	Flight Date	Airfare	Curr.	Plane Ty	Capac	Occupi	Total	Capac	Occupi	Capac	Occupi
UA	Airline Code	04.2014	967,01	USD	747-400	385	9	6.018,46	31	1	21	
	3517	17.03.2014	967,01	USD	747-400	385	3	1.833,03	31	0	21	
	3517	17.02.2014	967,01	USD	747-400	385	0	0,00	31	0	21	
	3517	20.01.2014	967,01	USD	747-400	385	33	24.409,88	31	2	21	
	3517	23.12.2013	967,01	USD	747-400	385	67	50.298,41	31	5	21	
	3517	25.11.2013	967,01	USD	747-400	385	110	80.256,28	31	9	21	
	3517	28.10.2013	967,01	USD	747-400	385	372	282.024,24	31	31	21	2
	3517	30.09.2013	967,01	USD	747-400	385	373	276.720,69	31	30	21	1
	3517	28.09.2013	967,01	USD	747-400	385	373	282.085,35	31	31	21	2
	3517	02.09.2013	967,01	USD	747-400	385	371	277.276,71	31	30	21	2
	3517	28.08.2013	967,01	USD	747-400	385	366	272.211,46	31	28	21	2
	3517	05.08.2013	967,01	USD	747-400	385	370	280.111,74	31	30	21	2
	3517	08.07.2013	967,01	USD	747-400	385	370	277.209,49	31	30	21	2
	3517	10.06.2013	967,01	USD	747-400	385	371	278.846,98	31	30	21	2
	3517	13.05.2013	967,01	USD	747-400	385	374	280.508,94	31	29	21	2
	3517	15.04.2013	967,01	USD	747-400	385	372	280.246,20	31	31	21	2
	3517	18.03.2013	967,01	USD	747-400	385	374	277.007,85	31	29	21	1
	3516	15.04.2014	967,01	USD	DC-10-10	380	28	20.902,68	41	3	18	
	3516	18.03.2014	967,01	USD	DC-10-10	380	0	0,00	41	0	18	
	3516	18.02.2014	967,01	USD	DC-10-10	380	38	29.750,11	41	4	18	
	3516	21.01.2014	967,01	USD	DC-10-10	380	18	14.542,05	41	2	18	
	3516	24.12.2013	967,01	USD	DC-10-10	380	46	35.029,25	41	5	18	
	3516	26.11.2013	967,01	USD	DC-10-10	380	190	145.493,89	41	20	18	
	3516	29.10.2013	967,01	USD	DC-10-10	380	369	281.932,61	41	38	18	1
	3516	01.10.2013	967,01	USD	DC-10-10	380	368	283.759,52	41	41	18	1
	3516	28.09.2013	967,01	USD	DC-10-10	380	365	275.932,51	41	39	18	1
	3516	03.09.2013	967,01	USD	DC-10-10	380	363	282.030,35	41	40	18	1
	3516	28.08.2013	967,01	USD	DC-10-10	380	366	281.932,60	41	39	18	1
	3516	06.08.2013	967,01	USD	DC-10-10	380	369	284.168,89	41	39	18	1
	3516	09.07.2013	967,01	USD	DC-10-10	380	367	281.358,27	41	39	18	1
	3516	11.06.2013	967,01	USD	DC-10-10	380	370	281.578,25	41	40	18	1
	3516	14.05.2013	967,01	USD	DC-10-10	380	364	279.231,95	41	40	18	1
	3516	16.04.2013	967,01	USD	DC-10-10	380	363	277.191,17	41	37	18	1
	3516	19.03.2013	967,01	USD	DC-10-10	380	368	282.806,36	41	41	18	1
	3504	18.04.2014	1.235,82	USD	DC-10-10	380	27	28.919,74	41	3	18	

Code: To disable Aggregation, Filtering and sorting on few columns.

DATA: lr\_salv TYPE REF TO if\_salv\_gui\_table\_ida.

DATA: lr\_fcat TYPE REF TO if\_salv\_gui\_field\_catalog\_ida.

TRY.

cl\_salv\_gui\_table\_ida=>create(

EXPORTING

iv\_table\_name = 'SFLIGHT'

RECEIVING

ro\_alv\_gui\_table\_ida = lr\_salv ).

CATCH cx\_salv\_db\_connection.

CATCH cx\_salv\_db\_table\_not\_supported.

CATCH cx\_salv\_ida\_contract\_violation.

ENDTRY.

\* Get the field catalog reference

lr\_fcat = lr\_salv->field\_catalog( ).

lr\_fcat->disable\_sort( iv\_field\_name = 'CARRID' ).

lr\_fcat->disable\_filter( iv\_field\_name = 'PLANETYPE' ).

lr\_fcat->disable\_aggregation( iv\_field\_name = 'SEATSMAX' ).

\* Display ALV

lr\_salv->fullscreen( )->display( ).

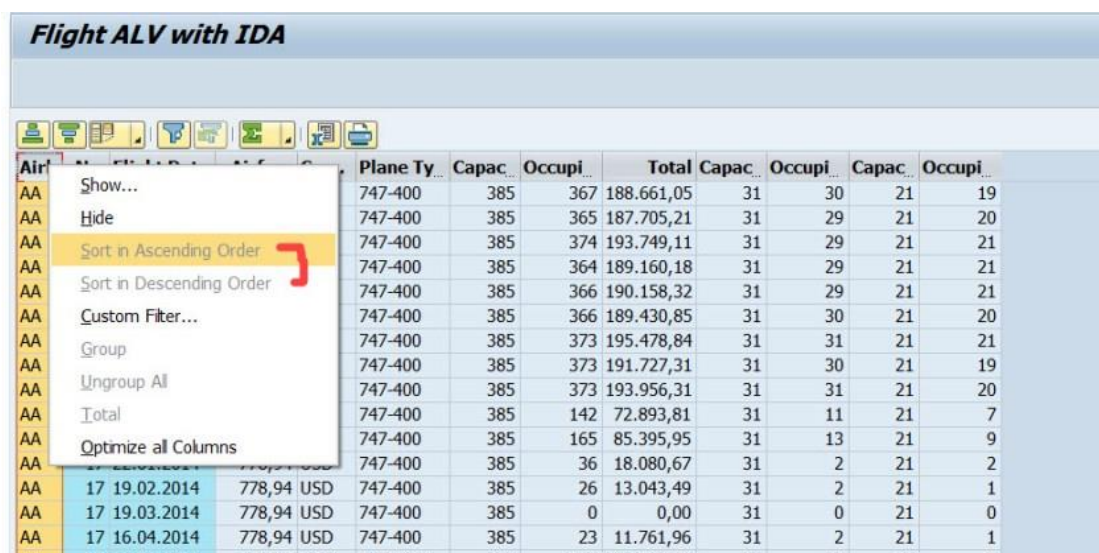
```
Report      ZFLIGHT_ALV_IDA      Active

1  REPORT zflight_alv_ida.
2
3  DATA: lr_salv TYPE REF TO if_salv_gui_table_ida.
4  DATA: lr_fcat TYPE REF TO if_salv_gui_field_catalog_ida.
5  TRY.
6    cl_salv_gui_table_ida=>create(
7      EXPORTING
8        iv_table_name      = 'SFLIGHT'
9      RECEIVING
10       ro_alv_gui_table_ida = lr_salv ).
11    CATCH cx_salv_db_connection.
12    CATCH cx_salv_db_table_not_supported.
13    CATCH cx_salv_ida_contract_violation.
14  ENDTRY.
15  * Get the field catalog reference
16  lr_fcat = lr_salv->field_catalog( ).
17  lr_fcat->disable_sort( iv_field name = 'CARRID' ).
18  lr_fcat->disable_filter( iv_field name = 'PLANETYPE' ).
19  lr_fcat->disable_aggregation( iv_field name = 'SEATSMAX' ).
20  * Display ALV
21  lr_salv->fullscreen( )->display( ).
```

Output:

Sorting Disabled on CARRID column.

**Flight ALV with IDA**




Airline	Plane Ty	Capac	Occupied	Total	Capac	Occupied	Capac	Occupied
AA	747-400	385	367	188.661,05	31	30	21	19
AA	747-400	385	365	187.705,21	31	29	21	20
AA	747-400	385	374	193.749,11	31	29	21	21
AA	747-400	385	364	189.160,18	31	29	21	21
AA	747-400	385	366	190.158,32	31	29	21	21
AA	747-400	385	366	189.430,85	31	30	21	20
AA	747-400	385	373	195.478,84	31	31	21	21
AA	747-400	385	373	191.727,31	31	30	21	19
AA	747-400	385	373	193.956,31	31	31	21	20
AA	747-400	385	142	72.893,81	31	11	21	7
AA	747-400	385	165	85.395,95	31	13	21	9
AA	747-400	385	36	18.080,67	31	2	21	2
AA	747-400	385	26	13.043,49	31	2	21	1
AA	747-400	385	0	0,00	31	0	21	0
AA	747-400	385	23	11.761,96	31	2	21	1

Filtering disabled on PLANETYPE column.



Flight ALV with IDA



Airl...	No.	Flight Date	Airfare	Curr.	Plane Type	Capac...	Occupi...	Total	Capac...	Occupi...	Capac...	Occupi...
AA	17	20.03.2013	778,94	USD	747-400		31	30	21	19		
AA	17	17.04.2013	778,94	USD	747-400		31	29	21	20		
AA	17	15.05.2013	778,94	USD	747-400		31	29	21	21		
AA	17	12.06.2013	778,94	USD	747-400		31	29	21	21		
AA	17	10.07.2013	778,94	USD	747-400		31	29	21	21		
AA	17	07.08.2013	778,94	USD	747-400		31	30	21	20		
AA	17	04.09.2013	778,94	USD	747-400		31	31	21	21		
AA	17	02.10.2013	778,94	USD	747-400		31	30	21	19		
AA	17	30.10.2013	778,94	USD	747-400		31	31	21	20		
AA	17	27.11.2013	778,94	USD	747-400		31	11	21	7		
AA	17	25.12.2013	778,94	USD	747-400		31	13	21	9		
AA	17	22.01.2014	778,94	USD	747-400		31	2	21	2		
AA	17	19.02.2014	778,94	USD	747-400	385	26	13.043,49	31	2	21	1
AA	17	19.03.2014	778,94	USD	747-400	385	0	0,00	31	0	21	0
AA	17	16.04.2014	778,94	USD	747-400	385	23	11.761,96	31	2	21	1
AA	64	22.03.2013	778,94	USD	A310-300	280	270	132.811,73	22	21	10	9

Aggregation disabled on SEATSMAX column.

# Flight ALV with IDA

Airl...	No.	Flight Date	Airfare	Curr.	Plane Type	Capacity	Occupi...	Total	Capac...	Occupi...
AA	17	20.03.2013	778,94	USD	747-400	385			30	21
AA	17	17.04.2013	778,94	USD	747-400	385			29	21
AA	17	15.05.2013	778,94	USD	747-400	385			29	21
AA	17	12.06.2013	778,94	USD	747-400	385			29	21
AA	17	10.07.2013	778,94	USD	747-400	385			29	21
AA	17	07.08.2013	778,94	USD	747-400	385			30	21
AA	17	04.09.2013	778,94	USD	747-400	385			31	21
AA	17	02.10.2013	778,94	USD	747-400	385			30	21
AA	17	30.10.2013	778,94	USD	747-400	385			31	21
AA	17	27.11.2013	778,94	USD	747-400	385			11	21
AA	17	25.12.2013	778,94	USD	747-400	385			13	21
AA	17	22.01.2014	778,94	USD	747-400	385			2	21
AA	17	19.02.2014	778,94	USD	747-400	385	26	13.043,49	31	2
AA	17	19.03.2014	778,94	USD	747-400	385	0	0,00	31	0
AA	17	16.04.2014	778,94	USD	747-400	385	23	11.761,96	31	2

Show...

Hide

Sort in Ascending Order

Sort in Descending Order

Custom Filter...

Group

Ungroup All

Total

Optimize all Columns