



Count Command

Used For

To count records in an entire table or to count records in a table that meet a certain condition.

When Used

Should be used for every table when the table is first established. The ACL record count should be compared to information received from the IT department.

Examples

- Count the number of records in a table of sales invoices.
- Count the number of records for sales district #4 in a table of sales invoices.

TASK # 1 – Count the Number of Records in a Table

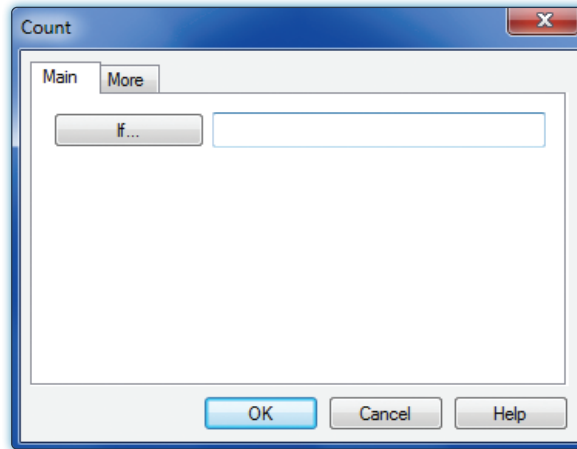
The Count command should only be used for a table with no filter when it is important to have the count documented in the Log. If no record count is needed in the Log, determine the record count from the bottom of the open table. In the table below the record count is 44.

	EMPLOYEE_NUMBER	WORK_DEPT_	GROSS_PAY	TAXABLE_AMOUNT	NET_PAY	PAY_DATE	CHECK_NUMBER
1	000010	A00	4395.83	879.17	3516.66	09/15/2018	12346
2	000020	B01	3437.50	687.50	2750.00	09/15/2018	12347
3	000030	C01	3187.50	637.50	2550.00	09/15/2018	12348
4	000050	E01	3247.92	669.58	2678.34	09/15/2018	12349
5	000060	D11	2687.50	537.50	2150.00	09/15/2018	12350
6	000070	D21	3014.17	602.83	2411.34	09/15/2018	12351
7	000100	E21	2179.17	435.83	1743.34	09/15/2018	12352
8	000108	E21	2179.17	435.83	1743.34	09/15/2018	12353
9	000109	E21	2179.17	435.83	1743.34	09/15/2018	12354
10	000110	A00	3875.00	775.00	3100.00	09/15/2018	12355
11	000120	A00	2437.50	487.50	1950.00	09/15/2018	12356
12	000130	C01	1983.33	396.67	1586.66	09/15/2018	12357
13	000140	C01	2368.33	473.67	1894.66	09/15/2018	12358
14	000150	D11	2106.67	421.33	1685.34	09/15/2018	12359
15	000160	D11	1854.17	370.83	1483.34	09/15/2018	12360
16	000170	D11	2056.67	411.33	1645.34	09/15/2018	12361
17	000180	D11	1778.33	355.67	1422.66	09/15/2018	12362
18	000190	D11	1704.17	340.83	1363.34	09/15/2018	12363
19	000200	D11	2311.67	462.33	1849.34	09/15/2018	12364
20	000210	D11	1522.50	304.50	1218.00	09/15/2018	12365
21	000220	D11	2486.67	497.33	1989.34	09/15/2018	12366
22	000230	D21	1848.33	369.67	1478.66	09/15/2018	12367
23	000240	D21	2396.67	479.33	1917.34	09/15/2018	12368
24	000250	D21	1988.33	397.67	1590.66	09/15/2018	12369
25	000260	D21	1437.50	287.50	1150.00	09/15/2018	12370
26	000270	D21	2281.67	456.33	1825.34	09/15/2018	12371
27	000280	E11	2187.50	437.50	1750.00	09/15/2018	12372
28	000290	E11	1278.33	255.67	1022.66	09/15/2018	12373
29	000300	E11	1479.17	295.83	1183.34	09/15/2018	12374
30	000310	E11	1325.00	265.00	1060.00	09/15/2018	12375
31	000320	E21	1662.50	332.50	1330.00	09/15/2018	12376
32	000330	E21	1662.50	332.50	1330.00	09/15/2018	12377
33	000330	E21	2114.17	422.83	1691.34	09/15/2018	12378
34	000340	E21	1986.67	397.33	1589.34	09/15/2018	12379
35	200010	A00	3875.00	775.00	3100.00	09/15/2018	12380
36	200120	A00	2437.50	487.50	1950.00	09/15/2018	12381
37	200140	C01	2368.33	473.67	1894.66	09/15/2018	12382
38	200170	D11	2056.67	411.33	1645.34	09/15/2018	12383
39	200220	D11	2486.67	497.33	1989.34	09/15/2018	12384
40	200240	D21	2396.67	479.33	1917.34	09/15/2018	12385
41	200250	D21	1988.33	397.67	1590.66	09/15/2018	12386

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Steps When a Record Count is Needed in the Log

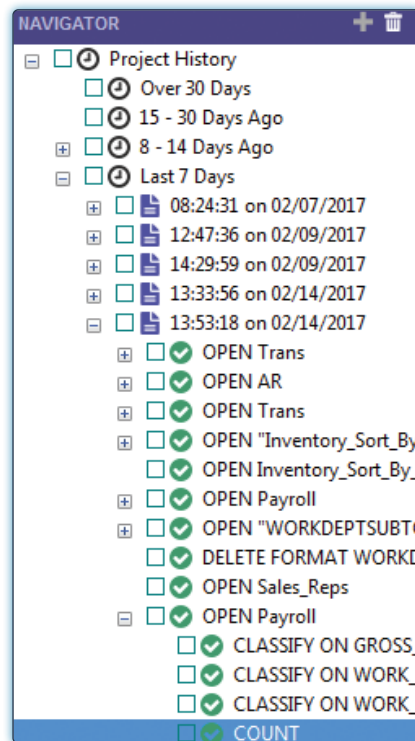
- Click Analyze → Count to open the Count command dialog.



- Click OK to run the Count Command.

Unlike all other ACL commands, the results of this type of Count command (Task # 1) do not automatically appear on the right portion of the screen. To view the command results, complete the following steps:

- Click the Log tab in the lower-left corner of the main window. Information similar to the following should appear in the Project Navigator section of the main window.



- Double-click on the last item, which says "COUNT."

Command Results

The command results in the right portion of the main window show the number of records in the table. This result should be compared to documentation received from the IT department or to an external source such as a printed report to assure completeness of the table.

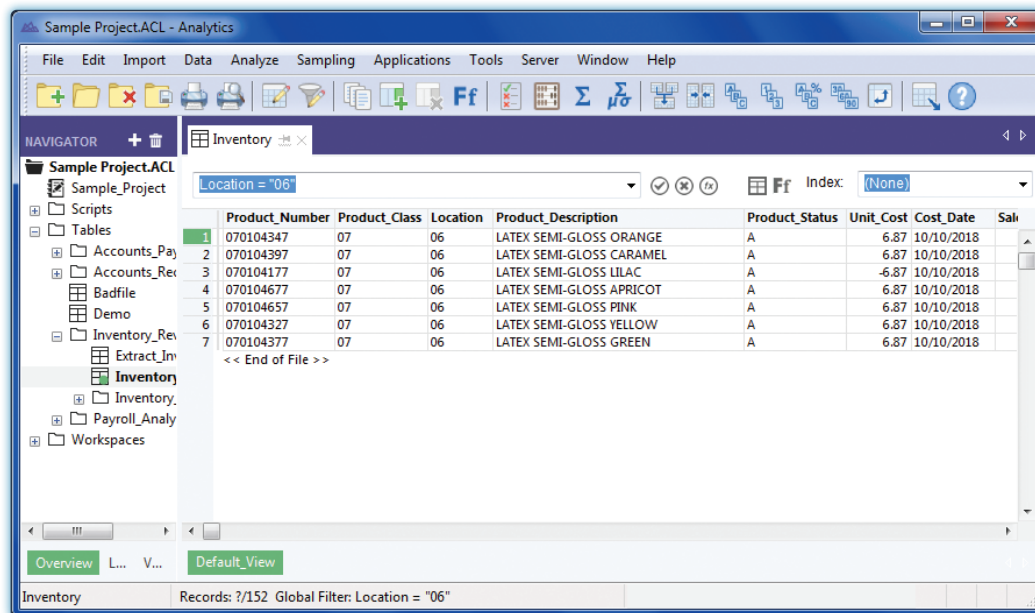




TASK # 2 – Count the Number of Records in a Table that Meet a Certain Condition

The Count command is most often used in a table where the auditor has used a filter to create a new table and wants a record count of the records meeting the condition specified in the filter. The Count command is illustrated after a filter is applied.

Steps

After a filter is applied to a table, observe that there is now a ?/ in the lower-left corner that replaces the original count. For the table below it is ?/152.



-  Click Analyze → Count Records to open the Count command dialog.
-  Click OK.

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Command Results

The record count is shown on the bottom of the window replacing the ?. See the table that follows. The 7/152 means that 7 is the count of the filtered table of the total record count of 152.

The screenshot shows the 'Sample Project.ACL - Analytics' application window. The main area displays a table of inventory records. The table has the following columns: Product_Number, Product_Class, Location, Product_Description, Product_Status, Unit_Cost, Cost_Date, and Sale. The data is filtered by 'Location = "06"'. The status bar at the bottom of the window shows 'Inventory' and 'Records: 7/152 Global Filter: Location = "06"'. The table content is as follows:

	Product_Number	Product_Class	Location	Product_Description	Product_Status	Unit_Cost	Cost_Date	Sale
1	070104347	07	06	LATEX SEMI-GLOSS ORANGE	A	6.87	10/10/2018	
2	070104397	07	06	LATEX SEMI-GLOSS CARAMEL	A	6.87	10/10/2018	
3	070104177	07	06	LATEX SEMI-GLOSS LILAC	A	6.87	10/10/2018	
4	070104677	07	06	LATEX SEMI-GLOSS APRICOT	A	6.87	10/10/2018	
5	070104657	07	06	LATEX SEMI-GLOSS PINK	A	6.87	10/10/2018	
6	070104327	07	06	LATEX SEMI-GLOSS YELLOW	A	6.87	10/10/2018	
7	070104377	07	06	LATEX SEMI-GLOSS GREEN	A	6.87	10/10/2018	