

Execution Environment

Author: singhamit84670
File: /home/singhamit84670/Dictionary_Columns_Tables.sas
SAS Platform: Linux LIN X64 3.10.0-1062.9.1.el7.x86_64
SAS Host: ODAWS01-APSE1.ODA.SAS.COM
SAS Version: 9.04.01M6P11072018
SAS Locale: en_GB
Submission Time: 24/09/2022, 22:07:46
Browser Host: 103.61.252.13
User Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/105.0.0.0 Safari/537.36
Application Server: ODAMID00-APSE1.ODA.SAS.COM

Code: Dictionary_Columns_Tables.sas

```
* Write A Program to Access Column Name and Colum Type in SAS Library;
```

```
proc sql;  
create table logs1 as  
select * from dictionary.columns  
where upcase(libname)='STPSAMP' and upcase(memname)='STPEURO';  
quit;
```

```
* WRITE A PROGRAM TO ACCESS COLUMN TABLES;
```

```
proc sql;  
create table logs2 as  
select * from dictionary.tables  
where upcase(libname)='STPSAMP' and upcase(memname)='STPEURO';  
quit;
```

```
* Printing output of Dictionary.Columns & Dictionay.Tables;
```

```
proc print data=logs1;  
title'Output of Dictionary.Columns';  
run;
```

```
proc print data=logs2;  
title'Output of Dictionary.tables';  
run;
```

Log: Dictionary_Columns_Tables.sas

Notes (8)

```
1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;  
68  
69      * Write A Program to Access Column Name and Colum Type in SAS Library;  
70      proc sql;  
71      create table logs1 as  
72      select * from dictionary.columns  
73      where upcase(libname)='STPSAMP' and upcase(memname)='STPEURO';  
NOTE: Table WORK.LOGS1 created, with 8 rows and 18 columns.
```

```
74      quit;  
NOTE: PROCEDURE SQL used (Total process time):  
      real time           0.00 seconds  
      user cpu time       0.00 seconds  
      system cpu time     0.00 seconds  
      memory              5377.59k  
      OS Memory           35240.00k  
      Timestamp           24/09/2022 04:37:46 PM  
      Step Count          274   Switch Count   2  
      Page Faults         0  
      Page Reclaims       83  
      Page Swaps          0  
      Voluntary Context Switches 13  
      Involuntary Context Switches 0  
      Block Input Operations 0  
      Block Output Operations 272
```

```
75  
76      * WRITE A PROGRAM TO ACCESS COLUMN TABLES;  
77  
78      proc sql;  
79      create table logs2 as  
80      select * from dictionary.tables  
81      where upcase(libname)='STPSAMP' and upcase(memname)='STPEURO';  
NOTE: Table WORK.LOGS2 created, with 1 rows and 41 columns.
```

```
82      quit;
NOTE: PROCEDURE SQL used (Total process time):
      real time           0.00 seconds
      user cpu time       0.00 seconds
      system cpu time     0.00 seconds
      memory              5413.81k
      OS Memory           35240.00k
      Timestamp           24/09/2022 04:37:46 PM
      Step Count          275  Switch Count  2
      Page Faults         0
      Page Reclaims       80
      Page Swaps          0
      Voluntary Context Switches 13
      Involuntary Context Switches 0
      Block Input Operations 0
      Block Output Operations 264

83
84      * Printing output of Dictionary.Columns & Dictionay.Tables;
85
86      proc print data=logs1;
87      title'Output of Dictionary.Columns';
88      run;
```

NOTE: There were 8 observations read from the data set WORK.LOGS1.

```
NOTE: PROCEDURE PRINT used (Total process time):
      real time           0.03 seconds
      user cpu time       0.03 seconds
      system cpu time     0.00 seconds
      memory              1566.00k
      OS Memory           30632.00k
      Timestamp           24/09/2022 04:37:46 PM
      Step Count          276  Switch Count  1
      Page Faults         0
      Page Reclaims       64
      Page Swaps          0
      Voluntary Context Switches 6
      Involuntary Context Switches 0
      Block Input Operations 0
      Block Output Operations 8
```

```
89
90      proc print data=logs2;
91      title'Output of Dictionary.tables';
92      run;
```

NOTE: There were 1 observations read from the data set WORK.LOGS2.

```
NOTE: PROCEDURE PRINT used (Total process time):
      real time           0.02 seconds
      user cpu time       0.02 seconds
      system cpu time     0.00 seconds
      memory              892.28k
      OS Memory           30632.00k
      Timestamp           24/09/2022 04:37:46 PM
      Step Count          277  Switch Count  1
      Page Faults         0
      Page Reclaims       75
      Page Swaps          0
      Voluntary Context Switches 9
      Involuntary Context Switches 0
      Block Input Operations 0
      Block Output Operations 16
```

```
93
94      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
104
```

Results: Dictionary_Columns_Tables.sas

Output of Dictionary.Columns

Obs	libname	memname	memtype	name	type	length	npos	varnum	label	format	informat	idxusage	sortedby	xtype	notnull	precision	scale	transcode
1	STPSAMP	STPEURO	DATA	country	char	50	56	1	Country				0	char	no	0	.	yes
2	STPSAMP	STPEURO	DATA	pop	num	8	0	2	Population	COMMA11.			0	num	no	0	.	yes
3	STPSAMP	STPEURO	DATA	growth	num	8	8	3	Growth Rate	PERCENT7.2			0	num	no	0	.	yes
4	STPSAMP	STPEURO	DATA	id	num	8	16	4	Country				0	num	no	0	.	yes
5	STPSAMP	STPEURO	DATA	birth	num	8	24	5	Birth Rate				0	num	no	0	.	yes
6	STPSAMP	STPEURO	DATA	death	num	8	32	6	Death Rate				0	num	no	0	.	yes
7	STPSAMP	STPEURO	DATA	imm	num	8	40	7	Net Immigration Rate				0	num	no	0	.	yes
8	STPSAMP	STPEURO	DATA	lifeexp	num	8	48	8	Life Expectancy				0	num	no	0	.	yes

Output of Dictionary.tables

Obs	libname	memname	memtype	dbms_memtype	memlabel	typemem	crdate	modate	nobs	obslen	nvar	protect	compress	encrypt	npage	filesize	pcompress	reuse	bufsize	delobs
-----	---------	---------	---------	--------------	----------	---------	--------	--------	------	--------	------	---------	----------	---------	-------	----------	-----------	-------	---------	--------

Obs	libname	memname	memtype	dbms_memtype	memlabel	typemem	crdate	modate	nobs	obslen	nvar	protect	compress	encrypt	npage	filesize	pcompress	reuse	bufsize	delobs
1	STPSAMP	STPEURO	DATA		Demographic data published by U.S. Government. Supplied for sample purposes only.	DATA	25OCT18:08:26:06	25OCT18:08:26:06	53	112	8	---	NO	NO	1	131072	0	no	65536	0