



Google Labs Code Search |

Google Search

I'm Feeling Lucky

James Bidwell

Amgen Ltd.

19th Oct 2010

© 2010

Introduction

- Innovation Time Off (20% work time)
- Google Labs
- Graduated Examples...

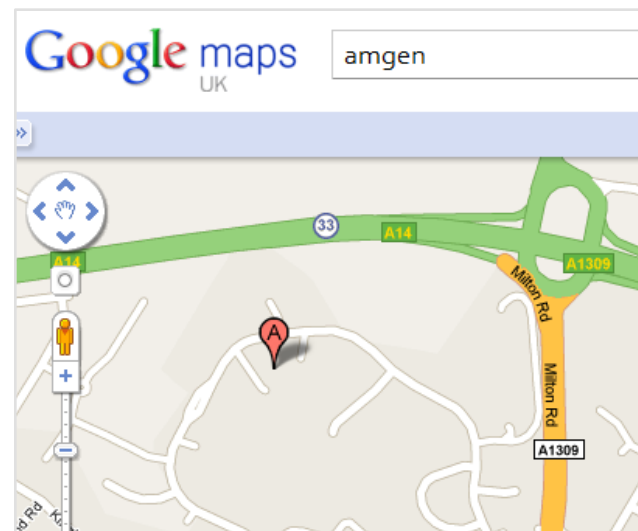
▼ Google Suggest

how do i |

- how do i **find my ip address**
- how do i **know if im pregnant**
- how do i **delete google history**
- how do i **delete my facebook account**
- how do i **make a group on facebook**
- how do i **love thee**
- how do i **download youtube videos**
- how do i **work out percentages**
- how do i **create a group on facebook**
- how do i **find my wep key**

Google Search I'm Feeling Lucky

▼ Google Maps



- How do you learn, remember or improve SAS?
 - SAS Course Notes
 - SAS Online Manual
 - Personal Notes
 - Books
 - Stored Code Library on c:\ drive
 - Internet

Try Google Labs Code Search

Search Box [lang:SAS]



Advanced Search

PROC TRANSPOSE lang:SAS

Search Code

[Advanced Code Search](#)

Search public source code.

Syntax and Examples ([more about regexp syntax](#))

regexp

Search for a regular expression
[go\(2\)gle](#) [hello\world](#) [^int printk](#)

"exact string"

Search for *exact string*
["compiler happy"](#)

Examples

[What is the PROC TRANSPOSE syntax?]

Submitted Search

Google code search PROC TRANSPOSE lang:sas Search

Code

[~u475301/lectures/week07a/transpose.sas](#)

```
3: PROC PRINT DATA=reflib.expense NOOBS;
4: RUN;

79: PROC TRANSPOSE DATA=work NAME=Type
80:   OUT=expense3(DROP=_label_ RENAME=(col1=Amount));

117: PROC TRANSPOSE DATA=expense4 OUT=expense5(DROP=_name_);
118:   BY region;
```

www.stat.auckland.ac.nz/~u475301/lectures/week07a/transpose.sas - Unknown - SAS script - [M](#)

[transpose.sas](#)

```
60: * PROC TRANSPOSE using additional data in PHYS_TX;
61: proc transpose data=phys_tx

85: * PROC TRANSPOSE using additional data in PHYS_TX;
86: proc transpose data=phys_tx

109: * PROC TRANSPOSE: CHARACTER data, NO VAR statement;
110: proc transpose data=phys_tx
```

www.albany.edu/~mszo3/epi514/ex/transpose.zip - Unknown - SAS script

[samples/sas/ciser-sas/other_samples/transpose.sas](#)

```
51: * transpose data items for a single year;
52: proc transpose data=temp1 out=ssd.tran_d&yr;
53:   var d&yr;

57: * transpose flag data for a single year;
58: proc transpose data=temp1 out=ssd.tran_f&yr;
59:   var f&yr;
```

www.ciser.cornell.edu/.../sas/ciser-sas/other_samples/transpose.sas - Unknown - SAS script - [N](#)

- Many Results
- Mostly Educational
- Can open any code

Take a look...

This is a cached copy of <http://www.albany.edu/~mszo3/epi514/ex/transpose.zip>

Google code search labs

PROC TRANSPOSE lang:sas Search Advanced Code Search

☒ Search all code ☐ Search in <http://www.albany.edu/~mszo3/epi514/ex/transpose.zip>

» <http://www.albany.edu> > [~mszo3](#) > [epi514](#) > [ex](#) > [transpose.zip](#) > [transpose.sas](#)

Files	transpose.sas – License: Unknown – SAS script
Hide 4 parent directories http://www.albany.edu ~mszo3 epi514 ex transpose.sas	<pre> 252 253 * ID variable is a CHARACTER variable (TEXT); 254 data test; 255 input name : \$4. time count @@; 256 datalines; 257 MIKE 1 55 MIKE 2 23 SARA 1 45 SARA 3 99 MIKE 4 200 258 ; 259 run; 260 261 proc sort data=test; 262 by time; 263 run; 264 265 proc print data=test noobs; 266 run; 267 268 proc transpose data=test out=new (drop=_:); 269 by time; 270 id name; 271 var count; 272 run; 273 274 proc print data=new noobs; 275 run; 276 277 * ID variable is a CHARACTER variable (TEXT); 278 data test; 279 input name : \$6. time count @@; 280 datalines; 281 MIKE/M 1 55 MIKE/M 2 23 SARA*F 1 45 SARA*F 3 99 MIKE/M 4 200 282 ; 283 run; 284 </pre>

Structure Tree

Highlights your search parameter

I remembered the syntax!

Good examples – %sysfunc(put

Google code search Search

Code

[modte.sas](#)

```

35:  and not %index(%upcase(&format),DATETIME) %then %do;
36:  %sysfunc(putn(%sysfunc(datepart(&modte)),&format))
37:  %end;
38:  %else %do;
39:  %sysfunc(putn(&modte,&format))
40:  %end;

```

[www.datasavantconsulting.com/roland/sasautos.zip](#) - Unknown - SAS script - [More from sasaut](#)

[modte.sas](#) - 1 identical

```

34:  and not %index(%upcase(&format),DATETIME) %then %do;
35:  %sysfunc(putn(%sysfunc(datepart(&modte)),&format))
36:  %end;
37:  %else %do;
38:  %sysfunc(putn(&modte,&format))
39:  %end;

```

[www.devenezia.com/downloads/sas/macros/rolands-sasautos.zip](#) - Unknown - SAS script - [Mor](#)

[Shedswood/prg/sheds_as.sas](#)

```

216:  * The following code reports progress throughout t
217:  %let tmpNum = %sysfunc(putn(
218:  %sysevalf(100*(((&uuuu-1)*&nnnn)+&iiii)/(&uncert_n*&

```

```

286:  %let a4=%qsubstr(%quote(&age      ),1,2);
287:  %let tmpNum = %sysfunc(putn(
288:  %sysevalf(100*(((&uuuu-1)*&nnnn)+&iiii)/(&uncert_n*

```

[epa.gov/scipoly/sap/meetings/2003/december3/shedswood.zip](#) - Unknown - SAS script

[demo7 DivideAndConquer.sas](#)

```

15: %put PROC SORT TIME -> %sysfunc(putn(%sysevalf(&to - &from),
16:

```

```

26: %put SORT MACRO TIME -> %sysfunc(putn(%sysevalf(&to - &from)

```

[www.monsug.ca/MACRO%20-%20Code.ZIP](#) - Unknown - SAS script

lang:sas "sysfunc(put"

%sysfunc(putn(&modte,&format))

%sysfunc(putn(%sysfunc(datepart(
%end;
%else %do;
%sysfunc(putn(&modte,&format))
%end;

Good examples – format & format=

Google code search lang:sas data run FORMAT Search

Code

<ftp://db1020/data/dat.sas>

```

10:      @42 lat @53 lon @66 co @77 co_cmd1 @86 o3; ru
11:
12:      data b; set a ;
13:      format lat lon 8.3 co co_cmd1 o3 8.2; run;
14:
15:      proc contents data = b; run;

```

cdiac.ornl.gov/ftp/db1020/data/dat.sas - Unknown - SAS script - [More from cdiac.ornl.gov »](#)

lang:sas data run FORMAT

```

data b; set a ;
format lat lon 8.3 co

```

Google code search lang:sas tabulate FORMAT Search

Code

[cenzip.sas](#) - g identical

```

15: /* -----
16: /* 03/10/2005      stc1      Added another fo
17: /*

74: options nodate nonumber missing='0';
75: proc tabulate data=new format=comma8. missing;
76:      class newdiag / preloadfmt;

```

www.cdc.gov/std/std-mis/std-mis3/Training/Demo40_DM2.zip - Unknown - SAS script

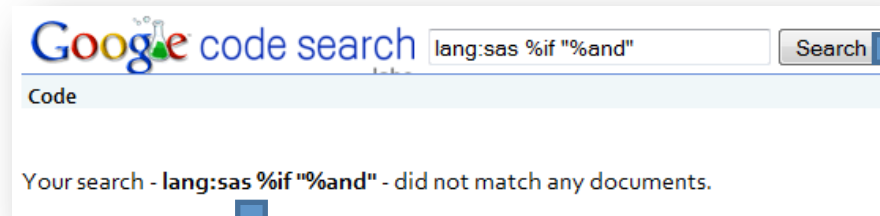
lang:sas tabulate FORMAT

```

options nodate nonumber missing='0';
proc tabulate data=new format=comma8.
      class newdiag / preloa

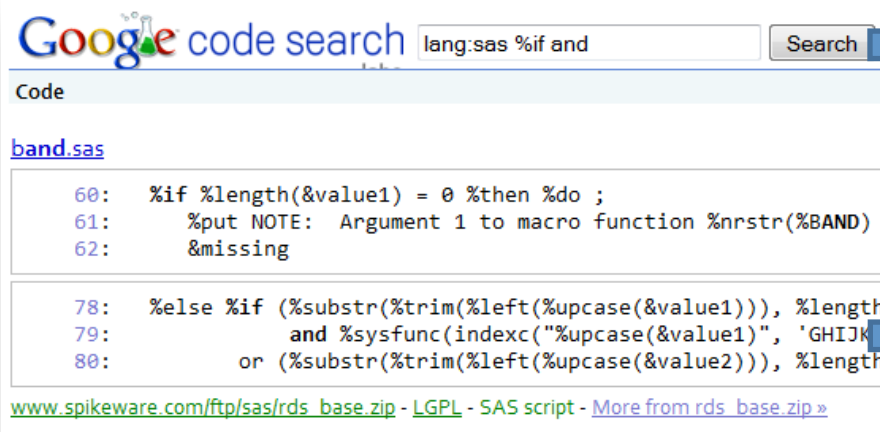
```

Good examples – %if %and / %if and



lang:sas %if "%and"

Your search - lang:sas %if "%and" - did not match any documents.



lang:sas %if and

```
%else %if (%substr(%trim(%left
and %sysfunc(indexc
or (%substr(%trim(%left
```

- ✓ Google Search Technology
- ✓ Character Syntax Search (e.g. % & =)
- ✓ Fast
- ✓ New ideas

- ✗ Only Beta – Not 100% bug-free
- ✗ Limited SAS Code Availability (Industry)
- ✗ Internet Explorer Problems (FF, Chrome OK)

- Use in conjunction with other resources
- Better for remembering, rather than learning
- Be clever with the search criteria
- Active forum for feedback to developers
- **A product to keep an eye on.** 

www.google.com/codesearch

www.google.com/labs

groups.google.com/group/Google-Code-Search



Questions|

Google Search

I'm Feeling Lucky

Thank you

© 2010

Google Sets

creating dummy data sets



Google sets labs

Automatically create sets of items from a few examples.

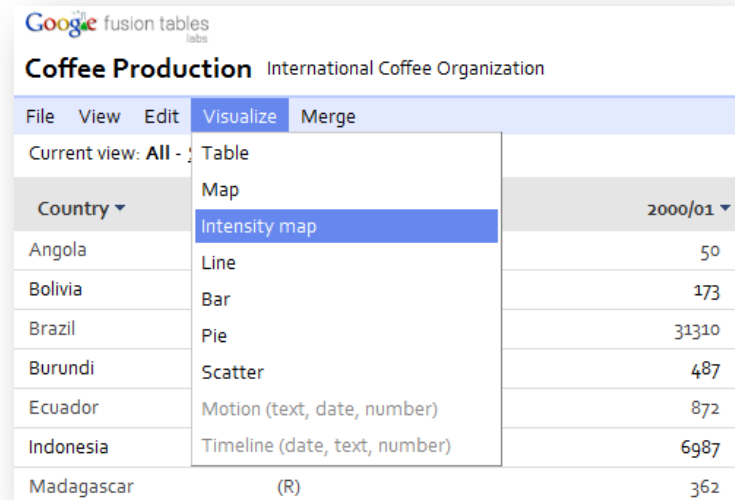
Enter a few items from a set of things. ([example](#))

Next, press *Large Set* or *Small Set* and we'll try to predict other items in the set.

-
-

Google Fusion Tables

publics DBs and Chart Tools



Google fusion tables

Coffee Production International Coffee Organization

File View Edit Visualize Merge

Current view: All

Country		2000/01
Angola	Line	50
Bolivia	Bar	173
Brazil	Pie	31310
Burundi	Scatter	487
Ecuador	Motion (text, date, number)	872
Indonesia	Timeline (date, text, number)	6987
Madagascar	(R)	362