

Catalog of Carpenter's SAS Macro Programs

Category	Name	Description
Character Variables	%COLONCMPR	Compare two text strings of unequal length.
Character Variables	%CSTR	Place commas between words in a macro variable.
Character Variables	%CSTR2	Place commas between words in a macro variable.
Character Variables	%CSTR3	Place commas between words in a macro variable.
Character Variables	%DB2DATE	Generate a DB2 compatible date string.
Character Variables	%INDEXW	Mimics the DATA step INDEXW function.
Character Variables	%KEYLIST	Break up a list into component words.
Character Variables	%QSTR	Surround words with quotation marks.
Character Variables	%REVSCAN	Return the word number (reverse of the %SCAN function).
Dataset/File Management	%CHKDSN	Check a data set for duplicate observations.
Dataset/File Management	%CHKDUP	Check a data set for duplicate observations.
Dataset/File Management	%CMBNSUBJ	Combine (append) a series of data sets.
Dataset/File Management	%COUNTER	Count the number of observations in a data set.
Dataset/File Management	%DELFILE	Delete a file.
Dataset/File Management	%DELIM	Create a comma-delimited flat file.
Dataset/File Management	%DUMPIT	Write the first N lines of a series of flat files.
Dataset/File Management	%EXIST	Does the data set exist?
Dataset/File Management	%MAKECSV	Create a comma-separated flat file.
Dataset/File Management	%NUMOBS	Count the number of observations in a data set.
Dataset/File Management	%OBSCNT	Count the number of observations in a data set.
Dataset/File Management	%SAS2RAW	Create a self-documenting flat file from a SAS data set.
Dataset/File Management	%SELPCT	Select a percentage of a data set's observations.
Dataset/File Management	%SUMS	Totals of count data.
Dataset/File Management	%TOPPCNT	Select a percentage of a data set's observations.
Dataset/File Management	%VAREXIST	Check to see if a variable exists on the data set.
Date/Time Variables	%ADDYEARS	Increment a date by a specified number of years.
Date/Time Variables	%CURRDATE	Returns today's date as a text string.
Date/Time Variables	%EOW	Consolidate dates to the end of the week.
Library Tools	%CATCOPY	Copy members of a catalog.
Library Tools	%CHKCOPY	Check for write access and the success of a PROC COPY.
Library Tools	%ENGCHNG	Change the engine associated with a library.
Library Tools	%FMTSRCH	Determine the format search path.
Library Tools	%MAKEDIR	Create a directory.
Library Tools	%MKFMT	Create a format from a data set.
Library Tools	%MKLIB	Create a libref.
Library Tools	%NAMEONLY	Return the data set name, stripping off the libref.
Macro Variables	%DELVARS	Delete macro variables.
Macro Variables	%FINDOUTLIERS	Create a subset using a criteria passed into the macro.
Macro Variables	%ISITQUOTED	Determine if macro quoting has been used.
Macro Variables	%NW	Count the words within a macro variable.
Macro Variables	%STOREOPT	Determine, store, and reuse system options.

Macro Variables	%SYMCHECK	Does the macro variable exist?
Macro Variables	%SYMCHK	Does the macro variable exist?
Macro Variables	%UPDATE	Store date and time values in macro variables.
Macro Variables	%UPDATE2	Store date and time values in macro variables.
Macro Variables	%WORDCOUNT	Count the words within a macro variable.
Numeric Variables	%FACT	Calculates the factorial of a number.
Programming Technique	%COMB	Calculate the number of combinations.
Programming Technique	%COMMENT	Comment a block of code.
Programming Technique	%DEBUGNEW	Comment a block of code.
Programming Technique	%DISTINCTLIST	Remove duplicated words from a list.
Programming Technique	%DROP	Create a DROP statement.
Programming Technique	%FUZZRNGE	Creates a data range inclusion clause for an IF or WHERE statement.
Programming Technique	%GENPROC	A simple generalized call for either PROC MEANS or SUMMARY.
Programming Technique	%GETKEYS	Retrieve a list of BY variables from macro arrays.
Programming Technique	%GETVARS	Create a list of data set variables.
Programming Technique	%HOLDOPT	Determine, store, and reuse system options.
Programming Technique	%IN	Mimics the DATA step IN operator.
Programming Technique	%INDVAR	Build a matrix of indicator variables.
Programming Technique	%LISTLAST	Returns the last word in a list.
Programming Technique	%MAKERUNBAT	Execute a series of SAS programs through batch.
Programming Technique	%MAKERUNBAT2	Execute a series of SAS programs through batch.
Programming Technique	%MAKEVARLIST	Build a list of data set variables that match a pattern.
Programming Technique	%MATRIXPRINT	Print a series of data sets using a control file.
Programming Technique	%MIXEDCASE	Returns a list of words with the first letter of each word capitalized.
Programming Technique	%ORLIST	Mimics the DATA step IN operator.
Programming Technique	%PATTERN	Builds gray-scale PATTERN statements for SAS/GRAPH.
Programming Technique	%PERM	Calculate the number of permutations.
Programming Technique	%PLOTIT	Automatically processes a DATA set by subsets.
Programming Technique	%RAND_W	Random data subset-selection with replacement.
Programming Technique	%RAND_WO	Random data subset-selection without replacement.
Programming Technique	%REPEAT	Mimics the DATA step REPEAT function.
Programming Technique	%REPORT	Renumbering listing pages.
Programming Technique	%RGBHEX	Create a hexadecimal RGB color specification.
Programming Technique	%SLEEP	Suspend SAS operations for a specified time.
Programming Technique	%SMARTPERM	Calculate the number of permutations.
Programming Technique	%SMARTPERM2	Calculate the number of permutations.
Programming Technique	%SYMBOLSYNC	Coordinate chart legends.
Programming Technique	%SYMBOLSYNC2	Coordinate chart legends.
Programming Technique	%TESTPRT	Control observations in PRINT listings.
Programming Technique	%TF	Combine and reorganize titles.
Programming Technique	%WAKEUPAT	Suspend SAS operations until a specified time.