

CHAPTER – 6

FOXPRO COMMANDS AND FUNCTIONS

FOXPRO COMMANDS AND FUNCTIONS

!	Synonymous with RUN. Runs the specified DOS commons or program within Fox Pro. Also used with @..SAY..GET as PICTURE
#	Symbol for not equal to. Same as<>.
%	Modulus operator – Returns the remainder obtained by dividing a numeric expression by another numeric expression.
&	Macro substitution
&&	Comment indicator. Use this symbol to add comments to command lines.
\$	Returns true if a character expression is contained in another character expression.
*	Indicates the beginning of a non-executing comment line in a program file
*	Symbol for multiplication
**	Symbol for exponentiation
^	Symbol for exponentiation
<>	Symbol for not equal to (Same as #).
+	Symbol for addition
-	Symbol for subtraction
/	Symbol for division
<	Symbol for less than
>	Symbol for greater than
=	Symbol for equal to
=	Evaluates one or more expression. Also used to create a memory variable or to store data in a variable
==	Symbol for identical to.
<=	Symbol for less than or equal to
>=	Symbol for greater than or equal to

:	Used after a letter to designate a drive, e.g. USE C: SAMPLE
;	Command line continuation character in programs. Also used for the Enter key while programming function keys.
I/II	Outputs lines of text entered between these two characters.
?	Evaluates the expression and outputs the result in the next row.
??	Evaluates the expression and outputs the result in the same row.
???	Sends output directly to the printer
@ SAY	Displays output at the specified row and column position
@ SAY-BMPs&OLE Objects	Displays BMPs and OLE objects or calls the OLE Server to execute the OLE object verb. (FoxPro for Windows only)
@ GET	Creates a editing region
@ GET-Check Boxes	Creates a check box or a picture check box (Picture check boxes – Fox Pro for Windows only)
@ GET-Invisible Buttons	Creates invisible buttons
@ GET-Lists	Creates a list
@ GET-Popups	Creates a popup.
@ GET-Push Buttons	Creates a set of push buttons or picture push buttons
@ GET-Radio Buttons	Creates a set of Radio buttons or picture radio buttons.
@ GET-Spinners	Creates a Spinner (Fox Pro for Windows only.
@ EDIT-Text Edit Regions	Creates a text editing region
@ BOX	Draws a box using specified coordinates.

@ CLEAR	Clears a portion of the screen or active window.
@ FILL	Changes the colours of existing text within an area of the screen.
@ MENU	Creates a menu popup
@ PROMPT	Creates a menu bar.
@ TO	Draws a box, line, circle, or ellipse using specified coordinates.
ABSO	Returns the absolute value of the specified coordinates.
ACCEPT	Accepts character string data from the screen. Optionally, also displays a specified prompt.
ACOPYO	Copies elements from one array to another array
ACOSO	Returns the arc cosine of a specified numeric expression.
ACTIVATE MENU	Displays and activates a menu bar
ACTIVATE POPUP	Displays and activates a popup created with DEFINE POPUP FoxPro menu system popup.
ACTIVATE SCREEN	Sends all subsequent output to the screen instead of the current window
ACTIVATE WINDOW	Displays and activates one or more windows
ADELO	Deletes an element, row or column from any array.
ADIRO	Places information about specified files into an array.
ALEMENTO	Returns the number of an array element from the element's sub scripts.
AFIELDSO	Places database structure information into an array.
AFONTO	Places information about available fonts into array (FoxPro for Windows only)

AINSO	Inserts an element, row or column into an array.
ALENO	Returns the number of elements, rows or columns in an array.
ALIASO	Returns the alias of the current or specified work area
ALLTRIMO	Returns the specified character expression with leading and trailing blanks removed.
ANSITOOEMO	Converts each character of a character expression to the corresponding character in the DOS(OEM) character set. (FoxPro for Windows only)
APPEND	Enables you to add records to the end of the current database file.
APPEND FROM	Adds records to the end of the current database file from another file.
APPEND FROM ARRAY	Adds records to the current database file and them with data from an array.
APPEND GENERAL	Imports an OLE object into a general filed. (FoxPro for Windows only.)
APPEND MEMO	Copies the contents of a file a memo filed.
ASCO	Returns the ASCII code for the leftmost character in a character expression.
ASCANO	Searches an array for an expression.
ASINO	Returns the are sine of a specified numeric expression.
ASORTO	Sorts elements in an array in ascending or descending order.
ASUBSCRIPT ()	Returns the row or column subscript of an element from the element's number

AT()	Returns the beginning numeric position of the first occurrence of a character expression or memo field within another character expression or memo field, counting from the leftmost character. For example,? AT ("of", Son of India") displays 5. The function is case-sensitive.
ATAN()	Returns the arc tangent of a specified numeric expression.
ATC ()	Same as ATO, except that it is not case sensitive
ATCLINE()	Returns the line number of the first occurrence of a character expression or memo field within another character expression or memo field; without regard for the case of the two expressions.
ATLINE()	Same as ATCLINEO, except that it is case-sensitive
ATN2()	Returns the arc tangent from specified sine and cosine values.
AVERAGE	Computes the arithmetic mean of numeric expressions or fields.
BARO	Returns the number of the most recently chosen option from a popup.
BETWEEN()	Determines if the value of an expression lies between the values of two other expressions of the same data type.
BOF()	Determines if the record pointer is positioned at the beginning of a database file.
BROWSE	Opens the Browse window and allows editing of screen-ful of records
BUILT APP	Creates an application file from a project file.

BUILD EXE	Builds an executable file. Applicable only if the FoxPro 2.5 for DOS Distribution Kit is loaded.(FoxPro for DOS only)
BUILD PROJECT	Creates and builds a project file
CALCULATE	Performs financial and statistical operations on fields or expressions involving fields.
CALL	Executes a binary file that has been loaded in the memory with LOAD.
CANCEL	Cancels execution of the current program file
CAPSLOK()	Returns the current mode of the CapsLock key or sets the CapsLock key mode on or off.
CDOW()	Returns the day of the week from a specified date expression.
CDX()	Returns the name of the open compound index file that has the specified index position number.
CEILINGO	Returns the nearest integer that is greater than or equal to the specified numeric expression.
CHANGE	Displays record(s) of the current database file for editing. same as EDIT.
CHRO	Returns the character associated with the specified numeric ASCII code.
CHRSAWO	Determines whether or not a character is present in the keyboard buffer.
CHRTRANO	Replaces each character in a character expression that matches character in a second character expression with the corresponding character in a third character expression.
CLEAR	Clears the screen.

CLEAR ALL	Releases all memory variables and arrays and the definitions of all user-defined menu bars, popups and windows from the memory. Also closes any open database and associated files.
CLEAR FIELDS	Relates all filed lists (created with SET FIELDS) from all work areas.
CLEAR GETS	Releases all pending @.... GET statement
CLEAR MACROS	Releases all keyboard macros, including any SET FUNCTION key assignments from the memory.
CLEAR MEMORY	Releases from memory all memory variables and arrays. (System memory variables are not released)
CLEAR MENUS	Releases all menu bar definitions from the memory.
CLEAR POPUPS	Releases all popup definitions from the memory.
CLEAR PROGRAM	Clears the complied program buffer.
CLEAR PROMPT	Clears menu prompts created with @...PROMPT
CLEAR READ	Exists the active READ and returns control to the previous READ level if the active READ is nested
CLOSE ALL	Closes all files in all work areas and selects work area.
CLOSE ALTERNATE	Closes the alternate file opened with SET ALTERNATE
CLOSE DATABASES	Closes all open database, index memo and format files and selected work area 1.
CLOSE FORMAT	Closes the format file open in the current work area.

CLOSE INDEXES	Closes all open index files (both .IDX and .CDX) in the current work area. However, a structural .CDX file with the same name the open database file is not closed.
CLOSE PROCEDURE	Closes the open procedure file
CLOSE MEMO	Closes the specified or all menu editing windows opened with MODIFY MEMO
CMONTH()	Returns the name of the month from a specified data expression.
CNTBAR()	Returns the number of bars on a popup.
CNTPAD()	Returns the number of pads on a menu bar.
COL()	Returns the current column position of the cursor.
COMPILE	Compiles one or more program files and creates the corresponding object file(s).
CONTINUE	Continues the previous LOCATE. Tries to locate the next record that meets the specified condition.
COPY FILE	Makes a duplicate copy of a specified file. Any type of file can be copied. (Similar to DOS COPY.)
COPY INDEXES	Copies single-entry index files to make a compound index file.
COPY MEMO	Copies the contents of a memo field to a text file.
COPY STRUCTURE	Copies the structure of the current database file to a new database file.
COPY STRUCTURE EXTENDED	Copies the structure of the current database file to records in a new database file.
COPY TAG	Creates a single entry index file from a tag in a compound index file.

COPY TO	Copies the contents of the current database file to a new file. One can copy all or selected fields and records.
COPY TO ARRAY	Copies data from one or more records of the current database file to an array.
COS()	Returns the cosine a numeric expression.
COUNT	Counts database file records that meet the specified condition(s). Result can be stored in a specified memory variable.
CREATE	Creates a new database file and accepts the structure for it. Optionally, also accept data for the new database file.
CREATE COLOR SET	Creates a color set from the current color settings.
CREATRE CURSOR SQL.	This SQL command creates a temporary database file. This file is opened in the lowest available work area
CREATE FROM	Creates a database file from a database file structure created with COPY STRUCTURE EXTENDED.
CREATE LABLE	Opens a Label Design window/dialog box, and allows you to design the layout for labels. Designed label layout is saved in a specified label format file.
CREATE MENU	Opens a Menu Design window and allows you to create user defined menus and popups.
CREATE PROJECT	Creates a project. A project is a database that keeps track of all files, such as program, screens, labels, etc. that are required to create an application.
CREATE QUERY	Opens an ROBE (Relational Query By Example) window.

CREATE REPORT	Opens a report in a Report Design Window. Used to design a custom report and saves the report in a specified report format file. Also supports an option to create quick report.
CREATE SCREEN	Opens a Screen Design window and allows to design a custom screen layout. The layout is saved in a specified screen format file. Also supports an option to create <i>quick screen</i> .
CREATE TABLE-SQL	This SQL command creates a database file having the specified fields. The complete structure of the database file to be created specified with CREATE TABLE or it reads it from a specified array.
CREATE VIEW	Creates a view file from the FoxPro environment.
CTOD()	Converts a character expression to a date expression.
CURDIR()	Returns the name of the current DOS directory.
DATE()	Returns the current System date.
DAY()	Returns the numeric day of the month for a given date expression.
DBF()	Returns a database file name from the current/specified work and or a database file alias.
<u>NOTE</u> :-Twelve DDE functions described below are available only on Fox Pro for windows. These used to exchange data between FoxPro for windows and other Windows-based applications	
DDEAbort Trans()	Aborts an asynchronous DDE transaction. (FoxPro for windows only.)
DDEAdvise()	Creates a notify link or an automatic link used in dynamic data exchange (DDE). (FoxPro for Windows only.)
DDEEnabled()	Enables or disables dynamic data exchange (DDE) processing returns the status of DDE processing. (FoxPro for Windows only.)

DDEExecute()	Using dynamic data exchange (DDE), it sends a command to other application. (FoxPro for Windows only)
DDEInitiate()	Establishes a dynamic data exchange (DDE) channel between FoxPro for Windows and another Microsoft Windows-based application. (FoxPro for Windows only.)
DDELast Error()	Returns an error number for the last dynamic data exchange (DDE) function.(FoxPro) for windows only.)
DDEPoke()	Sends data between client and server applications in a dynamic data exchange (DDE) conversation. (FoxPro for Windows only).
DDERequest()	Requests data from a server application in a dynamic data exchange (DDE) conversation. (FoxPro for windows only).
DDESetOption()	Change or returns dynamic data exchange (DDE) settings. (FoxPro for windows only)
DDESetService ()	Creates, release or modifies service names and settings in FoxPro for windows. (FoxPro for windows only)
DDESetTopic()	In a dynamic data exchange (DDE) conversation creates or releases a topic name from a service name. (FoxPro for windows only)
DDETerminate ()	Closes a dynamic data exchange (DDE) channel established with DDEInitiate. (FoxPro for windows only)
ACTIVATE MENU	Deactivates specific/all user-defined menu(s) defined with CREATE MENU, and removes it from the screen. However, it does not remove the menu definition from the memory.

ACTIVATE POPUP	Deactivates specific/all popup(s) defined with DEFINE POPUP and removes it from the screen but not remove the popup definition from the memory.
ACTIVATE WINDOW	Deactivates specific user-defined window(s) or FoxPro system windows and removes them from the screen but not from the memory.
LARE	Creates one or more memory arrays. The array can be one-dimensional or two dimensional.
FINE...#UNDEF	Creates and releases compile-time constants
FINE BAR	Creates a menu option on a popup defined with DEFINE POPUP or a FoxPro menu system popup.
FIX BOX	Draws a box around printed text in printed reports. Boxes can be drawn only around outputs created with? Or ??. A box cannot be drawn around output created with @...SAY commands.
FINE MENU	Defines (Creates) a user-defined menu bar (also called just menu). After defining a menu, define its pads with DEFINE PAD
FINE PAD	Defines (Creates) a pad on a user-defined menu bar or a FoxPro system menu bar.
FINE POPUP	Defines (Creates) a user-defined popup. After defining a popup, use DEFINE BAR to define is menu bars
FINE WINDOW	Creates a window and specific its attributes.
DELETE	Marks the records for deletion in the active database file.
DELETE FILE	Deletes a specified file from disk (same as ERASE)
DELETE TAG	Removes specified/all tags from a CDX compound index file.

DELETED()	Returns true (.T.) if the current record is marked for deletion.
DIFFERENCE()	Returns a number representing the relative orthographic differences between two character expression
DIMENSION	Creates one-dimensional or two-dimensional memory arrays. (same as DECLARE)
DIR/DIRECTORY	Displays the contents of a disk directory. If you do not use any optional clauses, it displays information about database files in the current drive. Otherwise, it can display information about any type of files from the current or a specified drive.
DISKSPACE()	Returns the number of bytes available on the default disk drive
DISPLAY	Displays the contents of record(s) in the current database file and the results of expressions
DISPLAY FILES	Displays information about specified files. (similar to DIR/DIRECTORY)
DISPLAY MEMORY	Displays the current contents of memory variables and arrays.
DISPLAY STATUS	Displays the status of the FoxPro environment
DISPLAY STRUCTURE	Displays the structure of a database file open in the current or specified work area
DMY()	Returns a date expression in Day Month Year format, e.g. 18 February 1995.
DO	Executes a command or procedure file
DO CASE	Marks the beginning of a DOCASE-ENDCASE structure FoxPro executes the first statement block (after DOCASE and before ENDCASE) whose associated conditional CASE statement evaluates true(.T.)

DO WHILE

Marks the beginning of a DO WHILE-ENDDO loop. FoxPro executes a block of statements within this conditional loop as long as conditions(s) specified with DO WHILE is/are true unless it encounters an EXIT command.

DOW()

Returns the day of the week from a specified date expression

DTOC()

Returns a character type date from a date expression.

DTOR()

Converts degrees to radians

DTOS()

Returns a character-string date in the format YYYYMMDD from specified date expression.

EDIT

Displays the specified/all fields of the active databases file for editing.

EJECT

Sends a form feed to the printer, i.e. advances the printer to the top of the next page. EJECT works even if the printer is OFF (SET PRINTER OFF)

EJECT PAGE

Sends a conditional page advance to the printer. Page advance depends on PRINT ON/OFF settings.

EMPTY()

Determines whether or not an expression is empty. For example, `X1=SPACE(0) ? EMPTY(X1) .T.`

EOF()

Determines whether or not the record pointer is positioned past the last record in the current or specified database file

ERASE

Erases a specified file from disk.

ERROR()

Returns the error number for the error that triggered ON ERROR.

EVALUATE()

Evaluates a character expression and returns the result.

EXIT

Exists a DO WHILE, FOR or SCAN loop.

EXP()	Returns the value of e^x where x is a specified numeric expression.
EXPORT	Copies data from a FoxPro database file to a file in another format, such as Lotus, Multiplan etc.
EXTERNAL	Alerts the Project Manager to an undefined reference. EXTERNAL is used only by the Project Manager.
FCHSIZE()	Changes the size of a file opened with a low-level file function
FCLOSE()	Flushes and closes a file or communication port opened with a low-level file function
FCOUNT()	Returns the number of fields in the current or specified database file.
FCREATE()	Creates and opens a low-level file
FEOF()	This low level function determines whether or not file pointer is positioned at the end of a file
FERROR()	Returns a number corresponding to the most recent low-level file function error
FFLUSH()	Flushes to disk a file opened with a low-level function. FFLUSH() is different from FLUSH(). FLUSH() operates on database and index files.
FGETS()	Returns a series of bytes from a file or a communications port opened with a low level file function.
FIELD()	Returns the name of a field, referenced by number, in the current or specified database file
FILE()	Returns a logical true (.T.) if the specified file is found on disk.
FILER	Opens the file maintenance desk accessory. It provides an efficient way to copy, move or delete files, create directories, etc., on hard disk or floppies.

FILTER()	Returns the filter expression specified in SET FILTER for the current or specified database file.
FIND	Searches for the first record with a specified string in an indexed database file.
FKLABEL()	Returns the name of the function key corresponding to a numeric expression.
FKMAX()	Returns is the number of programmable function keys or function key combinations on your keyboard. The returned value also depends on SET COMPATIBLE.
FLOCK()	Attempts to lock the current or specified database file and returns true (.T.) if successful.
FLOOR()	Returns the nearest integer that is less than or equal to the specified numeric expression.
FLUSH	Saves modifications done on a database and index files or disk.
FONTMETRIC()	Returns font attributes for installed fonts. (Useful only in FoxPro for windows, as FoxPro for DOS supports only one font).
FOPEN()	Opens a file or communication port for use with low level file functions. Notice that ports cannot be opened in FoxPro for Windows.
FOR	Marks the beginning of a FOR-ENDFOR loop. FoxPro executes the commands listed between FOR and ENDFOR a specified number of times.
FOUND()	Returns true (.T.) if the previous CONTINUE, FIND, LOCATE or SEEK was successful.
FPUTS()	Writes a character string, carriage return and line feed to a file or a communication port opened with a low-level file function.

FREAD()	Returns a specified number of bytes from a file or a communication port opened with a low-level function
FSEEK()	Moves the file pointer in a file opened with a low-level file function.
FSIZE()	Returns the size, in bytes, of a specified field opened in the current or a specified work area.
FULLPATH()	Returns the complete DOS path for a specified file.
FUNCTION	Identifies the start a user-defined function definition.
FVO	Returns the future value of an investment
FWRITE()	Writes a character string to a file Or a communication port opened with a low level file function.
GATHER	Puts the contents of memory variables or array elements to fields.
GETBAR()	Returns the number of bars on a popup defined with DEFINE POPUP or a FoxPro system menu popup
GERDIR()	Displays the Select Directory dialog box from which a directory can be chosen. On selection of a directory, it returns that directory name.
GETENV()	Returns the contents of the specified DOS environment variable.
GETEXPR	Invokes the Expressions Builder dialog box and stores the user-constructed expression to a memory or array element
GETFILE()	Displays the (File)Open dialog box. On selection of a file, it returns the name of that file.
GETFONT()	Displays the FoxPro for Windows dialog box and returns the name of the font you choose. (FoxPro for Windows only.)

GETPAD()	Returns the name of a menu pad from its position on a user-defined menu bar or on the FoxPro system menu bar.
GO/GOTO	Positions the record pointer on the specified record number in the active (current) database file or a database file open in specified work area.
GO/GOTO BOTTOM	Moves the record pointer on the last record in the active(current) database file or a database file open in specified work area.
GO/GOTO TOP	Moves the record pointer on the first record in the active(current database file or a database file open in specified work area.
GOMONTH()	Returns the date that is a specified number of months before or after a specified date.
HEADER()	Returns the number of bytes in the head of a database file open in the current or specified work area.
HELP	Invokes the Help window and provides information about various FoxPro commands, functions and topics
HIDE MENU	Hides one or more active user-defined menu bars defined with DEFINE MENU.
HIDE POPUP	Hides one or more active popups defined with DEFINE POPUP.
HIDE WINDOW	Hides an active user-defined window or FoxPro system window.
#IF...#ENDIF	Conditionally includes source code at the compilation time. Results in improved readability or program, reduced compiled program size and sometimes even improved performance.

IF	Marks beginning of the IF-ENDIF structure. FoxPro executes a set of commands listed between IF and ENDIF if logical condition(s) specified with IF is/are true. This structure may also include ELSE.
IIF()	Returns one of two values depending on the result of a logical expression specified with the function.
IMPORT	Imports data from an external file format to create a new FoxPro database file. It supports various file formats, such as Lotus, Multiplan, Symphony, etc.
INDEX	Creates an index file or tag for the current database file. Index file or tag helps to display the records of a database in a logical order. INDEX can create the single or compound index file.
INKEY()	Returns a number corresponding to the first key pressed or mouse click in the typeahead buffer.
INLIST()	Determines whether or not an expression matches one in a series of expressions of the same data type.
INPUT	Displays a prompt on the screen and inputs data from the keyboard and stores into a specified memory variable
INSERT	Inserts a new record into the current data base file after the current record and displays it for editing. It can also insert a record before the current record or a blank record without invoking editing.

INSERT-SQL	This SQL command appends a record to the end of a database file that contains the specified field values. In other words, the data to be stored in the record is also specified with the command or is contained in specified memory variable or arrays.
INSMODE()	Returns the current mode of the Insert key, or sets the Insert key mode on or off.
INT()	Returns the integer portion of a numeric expression.
ISALPHA()	Returns true (.T.) if the first (leftmost) character in the specified character expression is an alphabetic character.
ISCOLOR()	Determines whether or not your computer's graphics card can display color.
ISDIGIT()	Returns true (.T.) if the first (leftmost) character of the specified character expression is a digit (0 – 9).
ISLOWER()	Returns true (.T.) if the first (leftmost) character in the specified character expression is a lower-case alphabetic character.
ISUPPER()	Returns true (.T.) if the first (leftmost) character in a character expression is an upper-case alphabetic character.
JOIN	Creates a new database file by merging the specified records and fields of two simultaneously open database files.
KEY()	Returns the key index expression of the master (controlling) index file
KEYBOARD	Places the specified character expression in the keyboard buffer.
LABEL	Displays/prints labels from a database file as per the format specified in the specified label format (definition) file.

LASTKEY()	Returns an integer number corresponding to the last key pressed.
LEFT()	Returns a specified number of character from a character expression, beginning with the first character.
LEN()	Returns the number of characters (including blank spaces) in a character expression.
LIKE()	Determines whether or not a character expression is contained in another character expression.
LINENO()	Returns the line number of a line being executed in a program relative to the first line of the main program. Comment lines and blank lines are also included.
LIST	Continuously displays all/specified fields (and expressions) of records of the current database file.
LIST FILES	Same as DISPLAYH FILES, except that there is no pause in listing.
LIST MEMORY	Same as DISPLAY MEMORY, except that there is no pause in listing.
LIST STATUS	Same as DISPLAY STATUS, except that there is no pause in listing.
LIST STRUCTURE	Same as DISPLAY STRUCTURE, except that there is no pause in listing.
LOAD	Loads a binary program module (file) in the memory of PC.
LOCATE	Sequentially searches the database file for the first record that matches a specified expression.
LOCFILEO	Returns the path of the specified file name.
LOCK()	Attempts to lock one or more records in a database file open in the 'current or specified work area.

LOG()	Returns the natural logarithm (base e) of the specified numeric expression.
LOG10()	Returns the common logarithm (base 10) of the specified numeric expression.
LOOKUP()	Searches a database file for the first record with a field matching the specified expression.
LOWER()	Converts a specified character expression in lower-case letters.
LTRIM()	Removes leading blanks from a specified character expression.
LUPDATE()	Returns the date on which the current or specified database file was last updated.
MAX()	Returns the expression with the highest ASCII or numeric value or the latest date from a list of character, numeric or date expressions. Two or more expressions can be used with the function.
MCOL()	Returns the screen or window column position of the mouse pointer.
MDOWN()	Determines whether or not the left mouse button is pressed.
MDX()	Returns the name of the open .CDX compound index file that has the specified index position number.
MDY()	Returns the specified date expression in "Month Day Year" format, e.g. March 12, 95 or March 12, 1995.
MEMLINES()	Returns the number of lines in a specified momo field.
MEMORY()	Returns the amount of available memory (in KB) to run an external program. (Expanded memory is not included.)

MENU	Used in conjunction with MENU BAR to create menu popups that are displayed when a menu pad is selected.
MENU BAR	Creates menu bars and pads. The menu pads and prompt messages are defined through a two-dimensional array.
MENU TO	Activates a menu bar for a menu created with @...PROMPT commands.
MENU()	Returns the name of the active menu bar.
MESSAGE()	Returns the current error message as a character string or the contents of the program line that caused the error.
MINO	Returns the expression with the lowest ASCII or numeric value or the earliest date in a list of character, numeric or date expressions. Two or more expressions can be used with the function.
MLINE()	Returns a specific line from a specified memo field as a character string.
MOD()	Returns the remainder after dividing one numeric expression by another numeric expression.
MODIFY COMMAND	Opens a text editing window and allows you to modify or create a program (text) file. It assumes a default extension name ".PRG".
MODIFY FILE	Same as MODIFY COMMAND except that the default extension name ".PRG" is not assumed.
MODIFY GENERAL	Opens an editing window for a general field containing an OLE object. (FoxPro for Windows only.)
MODIFY LABEL	Modifies or creates a label and saves the format in a label definition (format) file.
MODIFY MEMO	Opens an editing window for a memo field in the current database.

MODIFYMENU	Displays the Menu Design window and enables you to modify or create a menu system.
MODIFY PROJECT	Open the Project window and enables you to create or modify a project file.
MODIFY QUERY	Opens the RQBE window and lets you interactively modify an existing query or create a new query.
MODIFY REPORT	Opens the Report Design window and lets you interactively modify an existing report or create a new report.
MODIFY SCREEN	Opens the Screen Design window and enables you to create or modify a screen.
MODIFY STRUCTURE	Allows you to modify the structure of the database file open in the current work area.
MODIFY WINDOW	Modifies attributes of an existing user-defined window or the main FoxPro window. (FoxPro for Windows only.)
MONTH()	Returns the numeric month for a specified date expression.
MOVE POPUP	Moves a popup defined with DEFINE POPUP or a FoxPro system menu popup to a new location.
MOVE WINDOW	Moves a window to a specified screen location.
MARKBAR()	Returns a logical value that indicates whether or not a bar on a popup defined with DEFINE POPUP or on a FoxPro menu system popup is marked with SET MARK OF.
MRKPAD()	Returns a logical value that indicates whether or not a pad on a user-defined menu bar or on the FoxPro system menu bar is marked with SET MARK OF.
MROW()	Returns the screen or window row position of the mouse pointer.

MWINDOW()	Indicates over which window the mouse pointer is positioned.
NDX()	Returns the name of an open .IDX index file for the current or specified database file.
NOTE	Indicates the beginning of a non-executing comment line in a program file.
NUMLOCK()	Returns the current mode of the NumLock key or sets the mode of NumLock key on or off.
OBJNUM()	Returns the object number of an @ ...GET control.
OCCURS()	Returns the number of times a character expression occurs within another character expression.
OEMTOANSI()	Converts each character in a character expression to the corresponding character in the ANSI character set. (FoxPro for Windows only.)
ON BAR	Specifies a popup or menu bar that is activated when a specific popup option (bar) is chosen.
ON ERROR	Specifies a command that executes when an error occurs.
ON ESCAPE	Specifies a command that executes when you press the Escape key during program or command execution.
ON KEY	Specifies a command that executes when you press any key during program execution.
ON KEY=	Executes a command when a specific key or key combination is pressed during a READ.
ON KEY LABEL	Specifies a command that executes when a specific key or key combination is pressed or the mouse is clicked.
ON PAD	Specifies the menu popup or menu bar that is activated when you choose a specific menu pad.

ON PAGE	Executes a command when printed output reaches a specified line number.
ON READERROR	Specifies a command that executes in response to a data input error during a READ.
ON SELECTION BAR	Specifies a command that executes when you choose a specific popup option.
ON SELECTION MENU	Specifies a command that executes when you choose any pad on a menu bar.
ON SELECTION PAD	Specifies a command that executes when you choose a specific pad of a menu.
ON SELECTION POPUP	Specifies a command that executes when you choose any option from a specified popup or from all popups.
ON SHUTDOWN	Specifies a command that executes when you try to exit FoxPro for Windows. (FoxPro for Windows only.)
ON()	Returns the command assigned to even-handling command, such as ON ERROR, ON ESCAPE, ON KEY, ON KEY LABEL, ON PAGE and ON READERROR.
ORDER()	Returns the name of the controlling index file or tag for the current or specified database file.
OS()	Returns the name and version number of the operating system under which FoxPro is running.
PACK	Removes all records marked for deletion, and reduces the size of a memo file. After a database has been packed, deleted records cannot be recalled.
PAD()	Returns the name of the menu pad that was most recently chosen from a menu bar.
PADC()	Returns the specified expression padded on both left and right sides with a specified expression.

PADL()	Returns the specified expression padded on the left with a specified expression
PADR()	Returns the specified expression padded on the right with a specified expression.
PARAMETERS	Used in a procedure or User-defined function (UDF) to assign data passed from a calling program to local memory variables.
PARAMETERS()	Returns the number of parameters that were passed to the most recently called program procedure, or user-defined function(UDF).
PAYMENT()	Returns the amount of each periodic payment on a fixed-interest loan.
PCOL()	Returns the current column position of the printer output.
PI()	Returns the value of the numeric constant pi(π)
PLAY MACROS	Executes a keyboard macro, i.e. plays a series of keystrokes saved in a specified macro.
POP KEY	Restores ON KEY LABELs that were placed on the stack with PUSH KEY.
POP MENU	Restores the specified menu bar definition that was placed on the stack with PUSH MENU.
POP POPUP	Restores the specified popup definition that was placed on the stack with PUSH POPUP.
POPUP()	Returns as a character string the name of the active popup.
PRINTJOB	Marks beginning of a PRINTJOB...ENDPRINTJOB structure. Activates print job system memory variable settings.
PRINTSTATUS()	Returns true (.T.) if the printer or print device is on line.

PRIVATE	Hides specified memory variables or arrays defined earlier from the current program. You can reuse (redefine) the same variables. When the program returns from the current program, all variables are again available with the original values.
PRMBAR()	Returns the prompt text from a bar on a specified popup.
PRMPAD()	Returns the text from a pad of a specified menu.
PROCEDURE	Identifies the beginning of a procedure in a program file. Procedures are commonly used routines that can be called by other programs.
PROGRAM()	Returns the name of the program currently being executed, or the name of the program that was executing when an error occurred.
PROMPT()	Returns the prompt text of a pad chosen from a menu bar or an option chosen from a popup.
PROPER()	Returns the specified character expression with the first letter of each word in upper case and the remaining characters in lower case.
PROW()	Returns the current row position of the Printer output. After EJECT, PROW() returns ()
PUBLIC	Defines global memory variable or arrays. Global variable can be used and modified in any program.
PUSH KEY	Places all current ON KEY LABEL command settings on a stack in the memory. You can redefine OK KEY LABEL settings after PUSH KEY. Later on, Original settings can be restored with POP KEY.
PUSH MENU	Places a menu bar definition on the stack.
PUSH POPUP	Places a popup definition on the stack.

PUTFILE()	Displays the Save As dialog box and returns the file name you specify.
PV()	Returns the present value of a series of equal periodic payments to be received in future at a constant periodic rate of interest.
QUIT	Terminates the current FoxPro session and returns to the operating system. FoxPro closes all open files before returning to the Operating system.
RAND()	Returns a random number between 0 and 1. A numeric value can be specified with this function to specify the <i>seed</i> value.
RAT()	Returns the beginning numeric position of the first occurrence of one character expression or memo field within another character expression or memo field, counting from the rightmost character.
RATLINE()	Returns the line number of the last occurrence of a character expression within another character expression or memo field, counting from the last line.
RDLEVEL()	Returns the current READ level.
READ	Activates objects, such as fields, checkboxes, lists, popups, buttons, etc., created with @... GET AND @ ... EDIT commands.
READ MENU	Activates a popup created with @...MENU commands.
READKEY()	Returns a value that represents the key pressed to exit from certain editing commands, or a value indicating how the last READ WASTERMINATED..
RECALL	Unmarks specified records marked for deletion.

RECCOUNT()	Returns the number of records in the current or specified database file.
RECNO()	Returns the current record number.
RECIZE()	Returns the record size of a database file open in the current or specified work area.
REGIONAL	Creates regional memory variable and arrays. Identical memory variables or arrays created within <i>regions</i> do not interfere with each other. You first need to define a region number (e.g.#REGION 2) and then regional variables (e.g.REGIONAL NAME, A.B.C.)
REINDEX	Rebuilds all open index files in the current work area.
RELATION()	Returns relations expression for the current or a specified database file.
RELEASE LIBRARY	Releases a specified external API library (written in C or assembly language) from the memory.
RELEASE MENUS	Release a specified or all user-defined menu bars from the memory.
RELEASE PAD	Releases a specified or all pads from a menu bar.
RELEASE POPUP	Releases a specified or all user-defined popups from the memory.
RELEASE BAR	Release a specified option or all options from a user-defined popup.
RELEASE WINDOWS	Releases the definition of specified window(s) from the memory.
RELEASE MODULE	Releases a binary file from the memory that has been placed in the memory with LOAD.
RENAME	Renames a file.
REPLACE	Replaces the contents of specified Field(s) with new expression(s)

REPLICATE()	Returns a character string that contains a specified character expression repeated a specified number of times.
REPORT	Produces a report as the format stored in a report format file.
RESTORE FROM	Restores the memory variables and arrays from a memory file or a memo field.
RESTORE MACROS	Restores keyboard macros to the memory from a file or a memo field.
RESTORE SCREE	Restores a previously saved screen.
RESTORE WINDOW	Restores window definitions to the memory from a file or a memo field. A window definition is saved with SAVE WINDOW.
RESUME	Resumes the execution of a suspended program.
RETRY	A useful error-handling command that re-executes the previous command.
RETURN	Returns program control to a calling program. Control can be transferred to the previous calling program, a specified program or the highest level-calling program.
RGBSCHEME()	Returns an RGB color pair or an RGB color pair list from a specified color scheme.
RIGHT()	Returns the specified number of rightmost characters from a character string.
RLOCK()	Attempts to lock one or more records of a database file.
ROUND()	Return a numeric expression rounded to a specified number of decimal places.
ROW()	Returns the current row position of the cursor.
RTOD()	Converts radians to degrees.
RTRIM()	Returns the specified character expression with all trailing blanks removed.

RUN	Executes an external operating system command or program.
SAVE MACROS	Saves a set of keyboard macros to a keyboard macro file or to a memo field.
SAVE SCREEN	Saves a screen or window image to a buffer, a memory variable, or an array element.
SAVE TO	Saves specified or all memory variables to a file or a memo field.
SAVE WINDOW	Saves all or specified window definitions to a file or a memo field
SCAN	Marks the beginning of a SCAN...ENDSCAN structure. FoxPro scans through the current database file and executes a block of commands for each record that meets the specified condition(s).
SCATTER	Copies data from the current record to an array or a set of memory variables.
SCHEME()	Returns a color pair or a color pair list from a specified color scheme.
SCOLS()	Returns the number of columns available on the desktop or the main FoxPro window.
SCROLL	Scrolls an area of screen up, down, left, or right.
SECONDS()	Returns the number of seconds that have elapsed since midnight with a resolution of 1 millisecond.
SEEK	Searches the current indexed database file for the first occurrence of a specified expression in the controlling index key.
SEEK()	Searches the current indexed database file for a specified expression. Returns .T. if the search is successful.

SELECT	Activates the specified work area. Any file open in that work area becomes the active (current) database file.
SELECT()	Returns the number of the current work area or the unused work area with the highest number.
SELECT – SQL	A very powerful and flexible SQL command that retrieves data from one or more database file.
SET	Opens the View window and provides an easy way to open database files, establish relations and to change several other settings.
Note: For SET ON/OFF commands, the default setting is given in upper case.	
SET ALTERNATE on/OFF	Enables or disables output to an Alternate file.
SET ALTERNATE TO	Creates a text file with default extension. TXT for storing screen or printer output of most commands, except full-screen commands
SET ANSI on/OFF	Specify how comparison between strings of different lengths are made with the = operator with SQL commands.
SET AUTOSAVE on/OFF	Determines whether or not FoxPro flushes data buffers to disk on termination of READ, or the program returns to the command window.
SET BELL ON/off	Enables or disables sounding of bell during editing.
SET BELL TO	Sets the bell attributes, i.e. frequency and duration.
SET BLINK ON/off	Determines whether or not the blinking or high-density attributes can be specified. (Applicable only for EGA and VGA monitors on FoxPro for DOS)
SET BLOCK SIZE	Specifies how FoxPro allocates disk space for the storage of memo fields.

SET BORDER	<p>Defines a border for popups created with DEFINE POPUP and for windows created with DEFINE WINDOW. Border can be of various types—single- or double-line border, panel, none, etc.</p>
SET BRSTATUS on/OFF	<p>Enables or disables the display of the status bar in a Browse window. Status bar displays information, such as the current drive, database file, number of records and state of special keys.</p>
SET CARRY on/OFF	<p>Determines whether or not FoxPro carries data forward from the current record to the new record created with APPEND or INSERT.</p>
SET CARRY TO	<p>Specifies the fields from which the field data is carried forward to a new record.</p>
SET CENTURY on/OFF	<p>Determines whether or not the century portion of date expressions is displayed.</p>
SET CLEAR off/On	<p>Determines whether or not FoxPro clears the screen on issuing SET FORMAT or QUIT.</p>
SET CLOCK on/OFF/ Status	<p>Determines whether or not FoxPro displays the system clock. (STATUS – FoxPro for windows only)</p>
SET CLOCK TO	<p>Specifies the clock location on the screen.</p>
SET COLOR OF	<p>Specifies the colors of user-defined menu systems and windows.</p>
SET COLOR OF SCHEME	<p>Specifies the colors of a color scheme or copies one color scheme to another color scheme.</p>
SET COLOR SET	<p>Loads colors from a Previously defined color set.</p>
SET COLOR TO	<p>Specifies the colors of user-defined menus and windows. It affects color scheme 1 and 2.</p>

SET COMPATIBLE on/OFF	Controls compatibility with FoxBASE+ and other Xbase languages. It affects response of FoxPro to commands and functions, such as @...SAY...GET, READ, LIKEO, PLAY MACRO, SELECT(), SET PRINT, etc.
SET CONFIRM on/OFF	Specifies whether or not Enter or Tab must be pressed to exit an input field and move to the next object.
SET CONSOLE ON/off	Enables or disables output to the screen or a window.
SET CURRENCY TO	Defines the currency symbol.
SET CURRENCY LEFT/right	Specifies the position of the currency symbol.
SET CURSOR ON/off	Determines whether the cursor is displayed during a pending @...GET.
SET DATE	Sets the format used to display date expressions. One can choose a date format, such as American, British, French, German, Italian, Japan, etc.
SET DEBUG ON/off	Enables or disables menu access to the Debug and Trace windows. If DEBUG is set to off, you cannot open these windows.
SET DECIMALS	Specifies the minimum number of decimal places displayed in the result of mathematical calculations.
SET DEFAULT TO	Specifies the default drive and directory for various file read and write operations.
SET DELETED on/OFF	Specifies whether or not FoxPro processes records marked for deletions. When set to ON, records marked for deletions are not included with commands, such as LIST, COPY, REPORT, etc.
SET DELIMITERS on/OFF	When set to ON, fields displayed with @.. GET are enclosed within delimiter character(s).

SET DELIMITERS TO	Specifies the delimiter character(s). The default delimiter character is ":".
SET DEVELOPMENT ON/off	When DEVELOPMENT is ON (the default value), FoxPro compare the creation date and time of a program with those of its compiled object file when you run a program. If the source program is more current than the compiled program, it recompiles the program before execution.
SET DEVICE TO SCREEN /printer/file	Directs output of @ ...SAY commands to the specified device (i.e. screen, printer, or file).
SET DIPLAY TO	Selects the specified display mode. The various display modes available to choose from include, CGA, COLOR, EGA25, EGA43, MONO, VGA25 AND VGA50.
SET DOHISTORY on/OFF	Determines whether or not commands executed from a program are placed into the command window.
SET ECHO ON/off	Activates the Trace window for program debugging. Breakpoints can also be set within the Trace window to suspend the program at a particular command.
SET ESCAPE ON/off	Determines whether or not the execution of a command or program interrupts on pressing the Esc key..
SET EXACT on/OFF	Specified the rules used when comparing strings of different lengths. When set to ON, the expressions must match character for character, including blank spaces, for them to be equal.
SET EXCLUSIVE ON/off	Specifies whether data base files are opened for exclusive or shared use on a network.

SET FILEDS on/OFF	Specifies whether all or only selected fields (as specified with SET FILEDS TO) in a database file are used with commands. With SET FILEDS OFF, all fields are accessible.
SET FILEDS TO	Specifies the field list that are accessible when FILEDS is set to ON.
SET FILTER	Specifies a condition for the current database file. This condition is automatically applied to all commands that use the database file.
SET FIXED on/OFF	Specifies whether or not the number of decimals places used in the display of numeric data is fixed. When set to ON, a fixed number of decimals places, as specified with SET DECIMALS are displayed for all numeric outputs.
SET FORMAT	Specifies a custom screen format file for use with APPEND, BROWSE, INSERT, etc. instead of the standard format.
SET FULLPATH ON/off	Specifies whether or not CDX(), DBF(), IDX() return the path in a file name.
SET FUNCTION	Assigns a new value to a function key. Besides programming functions keys, you can also program combinations of contains keys with other keys, such as Ctrl, shift, etc.
SET HEADING ON/off	Determine whether or not column headings (e.g field name) are displayed for fields with commands, such as LIST DISPLAY, AVERAGE etc.,
SET HELP ON/off	Enables or disables the FoxPro online help facility.
SET HELP TO	Specifies a new help file for use with the FoxPro online help facility.

SET HELPFILTER		Enables to FoxPro to display a subject of help topics in the Help window, For example, you can set HELPFILTER to display only file Management or Printing Commands.
SET HOURS		Sets the system clock to a 12- or 24 hour time format.
SET INDEX		Opens one or more index files for use with the current database file. You can open both .IDX and .CDS files with SET INDEX.
SET INTENSITY ON/off		Determines whether or not FoxPro uses the enhanced screen colour attribute for the display of editing fields. On monochrome monitors, the editing fields are displayed in reverse video with INTENSITY set to ON.
SET KEYCOMP DOS/WINDOWS	TO	Controls FoxPro keystroke navigation on different platforms (FoxPro for Windows only)
SET LIBRARY		Opens an external Application Program Interface (API) routine library file to extend the capabilities of FoxPro and its user interface.
SET LOCK on/OFF		Enables or disables automatic file locking in certain commands, such as AVERAGE, CALCULATE, COPY, LIST, SORT etc.,
SET LOGERRORS off	ON/	Determines whether or not FoxPro sends compilation error messages to a text file When set to ON, the compilation errors are stored in a log file with the same name as the compiled program with extension. ERR.
SET MACKEY		Specifies a key or key combination that displays the Macros dialog box. By default, it is shift +F10
SET MARGIN		Specifies the left margin in printed output. For instance SET.MARGIN TO 10 leaves a margin 10 characters on the left side of all printouts.

SET mark of	Specifies a menu pad or popup option mark character. The mark character is displayed on the left of the menu option. There is a separate command for setting mark character for Menu, Pad, Popup and Bar. Mark characters cannot be changed in FoxPro for Windows.
SET MARK TO	Specifies a delimiter to use in the display of date expressions, e.g. SET MARK TO "-". The default delimiter is forward slash (/).
SET MEMOWIDTH	Specifies the displayed width (in columns) of memo fields and character expressions. It affects output of commands, such as LIST, ?/??, DISPLAY, etc.,
SET MESSAGE TO <expC>	Specifies a message for display under the status bar (when status bar is on).
SET MESSAGE TO <expN>	Specifies the row location where user-defined messages are displayed
SET MESSAGE WINDOW	Defines a window in which the user-defined messages are displayed.
SET MOUSE ON/off	Enables or disables the mouse. (FoxPro for DOS only)
SET MOUSE TO	Specifies the sensitivity of mouse in the range of 1 through 10 (default 5) (FoxPro for DOS only)
SET MULTILOCKS on/ OFF	Determines whether or not multiple records can be jocked with LOCK() or RLOCK()
SET NEAR on/OFF	Determines where the record pointer is positioned after FIND or SEEK unsuccessfully searches for a record. When set to ON, it is positioned on the closet record. When set of OFF, it is positioned at the end of file. EOF() returns.T.

SET NOTIFY ON/off	<p>Enables or disables the display of certain system messages. When set of OFF, a few system messages are not displayed</p>
SET ODOMETER	<p>Determines the interval at which the record counter is updated in response to certain commands, such as INDEX, SORT, COPY. The default value is 100.</p>
SET OPTIMIZE ON/off	<p>Enables or disables Rushmore optimization. It affects commands, such as BROWSE, CHANGE, COPY TO, EDIT, LIST, SORT, REPORT, TOTAL etc.,</p>
SET ORDER	<p>Selects a specified index file or tag as the controlling (master) index file/tag for the current or specified database file. Optionally, the index order, i.e. ascending or descending can also be specified.</p>
SET PALETTE ON/off	<p>Specifies whether or not the FoxPro color palette is used for displaying. BMP pictures and OLE objects. (FoxPro for Windows only)</p>
SET PATH	<p>Specifies a path (a set of directories) for file searches. FoxPro searches for files in the path if it cannot find a file in the default directory.</p>
SET PDSETUP	<p>Loads a printer driver setup or clears the current printer driver setup.</p>
SET POINT	<p>Determines the decimal point character used in the display of numeric expressions. The default decimal point character is a period (.)</p>
SET PRINTER on/OFF	<p>Enables or disables output to the printer. However, the output of @..SAY is not routed to printer.</p>
SET PRINTER TO	<p>Print output is routed to the specified file or port. It can also send output to a network printer.</p>

SET PROCEDURE	Opens the named procedure file. Only the procedure file can be open at a time.
SET READBORDER on/ OFF	Determines if borders are placed around editing regions created with @...GET.(FoxPro for Windows only)
SET REFRESH	Determines whether or not the screen displays change made to records by other users on the network while viewing records in the Browse Window.
SET RELATION	Establishes relation between two or more open database files on a common filed. Can also be used to clear relations.
SET RELATION OFF	Breaks an established relationship between the current database file and another open database file.
SET REPROCESS	Specifies how many times or for how long FoxPro attempts to lock a file or record after an unsuccessful locking attempt.
SET RESOURCE ON/off	When set to on, any change made to the FoxPro environment is saved in the resource file. Changes are not saved when RESOURCE if OFF.
SET RESOURCE TO	By default, FoxPro uses FOXUSER.dbf as the resource file. This command can be used to specify any other file as the resource file.
SET SAFETY ON/off	Determines whether or not FoxPro displays a warning before overwriting an existing file.
SET SCOREBOARD on/ OFF	When set to ON, FoxPro displays the status of the NumLock, CapsLock, and Insert Keys in row zero when the status bar is off. When both scoreboard and status bar are off, the status of these keys is not displayed (FoxPro for DOS only)

SET SEPARATOR	Specifies the character that separates each group of three digits to the left of the decimal point. Used with @...SAY PICTURE command. The default separator character is comma (,)
SET SHADOWS ON/off	Globally displays or removes shadows from all. Windows and popups. (FoxPro for DOS only)
SET SKIP TO	Creates one-to-many relationships between database files open different work areas
SET SKIP OF MENU	Enables or disables a menu bar based on a specified condition.
SET SKIP OF PAD	Enables or disables a menu pad based on a specified condition.
SET SKIP OF POPUP	Enables or disables a popup based on a specified condition.
SET SKIP OF BAR	Enables or disables a popup option (bar) based on a specified condition.
SET SPACE ON/off	Determines whether or not a space is displayed between fields or expressions with the? or ?? Command.
SET STATUS on/OFF	Displays or removes the status bar. The status bar displays information, such as current drive, database file, number of records, status of special keys, etc.,
SET STATUS BAR ON/off	Displays or removes a Windows style status bar in FoxPro for Windows. (FoxPro for Windows only)
SET STEP on/off	Opens the Trace window and suspends the program. Useful for debugging of programs.
SET STICKY ON/off	Specifies how the mouse displays menus in the FoxPro menu system (FoxPro for DOS only)
SET SYSMENU ON/ off/ automatic	Enables or disables access to the FoxPro system menu bar during program execution.

SET TALK ON/off	Determines whether or not FoxPro displays response to certain commands on the screen or a window.
SET TEXTMERGE on/OFF	Enables or disables the evaluation of fields, functions and expressions that are surrounded by text merge delimiters.
SET TEXTMERGE DELIMITERS	Specifies the text merge delimiters. The default text merge characters are double angle brackets.
SET TOPIC	Specifies the initial help topic that is displayed on invoking the FoxPro help system.
SET TRBETWEEN ON/off	Enables or disables tracing between breakpoints in the Trace Window.
SET TYPEAHEAD	Specifies the maximum size of the typeahead buffer, i.e., the number of characters that can be stored in the typeahead buffer.
SET UDFPARMS TO VALUE/Reference	Specifies whether FoxPro passes characters to a user-defined function (UDF) by value or by reference.
SET UNIQUE on/OFF	Specifies whether or not records with duplicate index key values appear in an index file. For instance, a file indexed on the NAME field will not have two records with "Ritu Sharma" when UNIQUE is ON.
SET VIEW on/OFF	Opens or closes the view window that provides an easy way to open database files, establish relation etc.,
SET VIEW TO	Restores the FoxPro environment from a specified view file.
SET WINDOW OF MEMO	Specifies a window in which memo fields are edited.
SET()	Returns the status of a special SET command. For example, ? SET("TAK") displays ON or OFF depending on the previous SET TALK command.

SHOW GET	Redisplays an @...GET object
SHOW GETS	Redisplays all @...GET controls
SHOW MENU	Displays one or more user-defined menus without activating any menu.
SHOW OBJECT	Redisplays a specified object
SHOW POPUP	Displays one or more user-defined popups without activating them.
SHOW WINDOW	Displays one or more user-defined windows or FoxPro system windows without activating them.
SIGN()	Returns a numeric value of 1, -1 or 0 depending on the sign of a specified numeric expression. For positive number, it returns 1 and for negative numbers, it returns -1
SIN()	Returns the sine of an angle.
SIZE POPUP	Changes the size of a named popup.
SKIP	Moves the record pointed forward or backward in the current or specified database file.
SKPBAR()	Determines whether a popup bar is enabled or disabled.
SKPPAD()	Determines whether a menu pad is enabled or disabled.
SORT	Sorts records in the current database file and stores the sorted data in a specified new database file.
SOUNDEX()	Returns a phonetic representation of the specified character expression.
SPACE()	Returns a character string made of a specified number of spaces (ASCII-032)
SQRT()	Returns the square root of the specified numeric expression.
SROWS()	Returns the number of rows available on the screen.

STORE	Stores the specified data in memory variables or array. Automatically creates the memory, if they do not exist.
STR()	Returns the character string equivalent to a specified numeric expression.
STRTRAN()	Searches a character expression or memo field for occurrences of a second character expression or memo field, and then replaces each occurrence with a third character expression or memo field.
STUFF()	Returns a character string after replacing a part of a character expression.
SUBSTR()	Returns a specified number of characters from the specified character expression or memo field
SUM	Total all or specified numeric field values in the current database file. The results can be stored in memory variables(s) or arrays
SUSPEND	Temporarily halts the execution of a program and returns to the command window. It retains all memory variables. The suspended program can be resumed.
SYSMETRIC()	Returns the size of a display element.(FoxPro for Windows only)
SYS(0)	Returns the machine number and machine name when using FoxPro on a network.
SYS(1)	Returns the current system date as a Julian day number character string.
SYS(2)	Returns the number of seconds elapsed since midnight.
SYS(3)	Returns a unique legal file name. This name that can be used to create temporary files.
SYS(5)	Returns the current default drive setting.
SYS(6)	Returns the current print device.
SYS(7)	Returns the name of the current format file.
SYS(8)	Returns the FoxPro serial number.

SYS(9)	Returns a character type date from a Julian day number
SYS(10)	Converts date expression or character string in date format to a Julian day number.
SYS(11)	Returns the amount of memory below 640KB that is available to execute an external program.
SYS(12)	Returns the status of the printer, such as online, offline, ready, etc.,
SYS(13)	Returns index expression of an open single-entry (.IDX) index file or index expressions for tags in compound (.CDX) index files
SYS(14)	Translates the second character string by the first character string.
SYS(15)	Primarily useful for the convenience of Europeans who use letters with diacritical marks.
SYS(16)	Returns the name of the program being executed.
SYS(17)	Returns the name of processor (e.g. 80286 and 80386) in use.
SYS(18)	Returns the name of the memory variable, array element or field used to create the current control.
SYS(20)	Transforms a character expression containing German text to a character string.
SYS(21)	Returns the number of master controlling index file or index tag in the selected work area.
SYS(22)	Returns the name of the master controlling tag or index file for a database file.
SYS(23)	Returns the amount of EMS memory (in 16K segments) that is currently being used by FoxPro.

SYS(24)	Returns the EMS limit set in your configuration file. Returns 0 if no limit is set.
SYS(100)	Returns the CONSOLE setting, i.e. ON or OFF.
SYS(101)	Returns the DEVICE setting, i.e. SCREEN, PRINTER, etc...
SYS(102)	Returns the PRINTER setting.
SYS(103)	Returns the TALK setting, i.e. ON or OFF.
SYS(1001)	Returns the amount of memory available to the FoxPro memory manager. This includes high memory between 640k and JMB.
SYS(1016)	Returns the amount of memory being used by user-defined objects, such as windows, popups, variables, menu bars, etc.
SYS(2000)	Returns the name of the first file that matches the specified skeleton.
SYS(2001)	Returns status of the specified SET (on/off) command.
SYS(2002)	Turns the cursor on or off.
SYS(2003)	Returns the name of the current directory on the default drive.
SYS(2004)	Returns the name of the directory that FoxPro was started from.
SYS(2005)	Returns the name the resource file in use.
SYS(2006)	Returns the type of graphics card and monitor in use.
SYS(2007)	Returns the checksum value of a character expression.
SYS(2008)	Specifies shape of insert and overwrite mode cursors. (FoxPro for DOS only).
SYS(2009)	Swaps the shape of the insert and overwrite mode cursors. (FoxPro for DOS only.)
SYS(2010)	Returns the FILES setting in CONFIG.SYS. The function returns 255 in FoxPro for windows.

SYS(2011)	Returns the record or database file lock status for the current work area.
SYS(2012)	Returns the memo field block size for the current database file or a database file open in another work area.
SYS(2013)	Returns a space delimited character string containing names used by the FoxPro menu system.
SYS(2014)	Returns the minimum path relative to the current or specified directory for a file.
SYS(2015)	Returns a unique ten-character name that begins with an underscore followed by letters and numbers. Can be used to create unique procedure or function name.
SYS(2016)	Returns the window name included in the last SHOW GETS WINDOW command.
SYS(2017)	Clears the screen and displays the FoxPro sign-on screen.
SYS(2018)	Returns the error message parameter for the most recent error.
SYS(2019)	Returns the name and location of the FoxPro configuration file.
SYS(2020)	Returns the total size of the default disk drive.
SYS(2021)	Returns filter expression of an open single-entry (.IDX) index file or filter expressions for tags in compound (.CDX) index files.
SYS(2022)	Returns the cluster size of a disk.
SYS(2023)	Returns the drive in which FoxPro stores its temporary files.
TAG()	Returns a tag name from an open compound index file (.CDX) or the name of an open single-entry index file (.IDX).
TAN()	Returns the tangent of an angle.

TARGET()	Returns the alias of a database file that is the target for a relation.
TEXT	Marks beginning of the TEXT...ENDTEXT block. FoxPro outputs lines of text placed between them to screen, printer or a file. This structure can also include expressions and functions.
TIME()	Returns the current system time.
TOTAL	Creates summary records (for the database file in use) in a new database file with one record for each group of identically records.
TRANSFORM()	Formats character or numeric expressions using PICTURE and FUNCTION codes.
TRIM()	Returns the specified character expression after removing all trailing blanks.
TXTWIDTH()	Returns the length of a character expression with respect to the average character width for a font. (FoxPro for Windows only)
TYPE	Displays the contents of an ASCII file on the screen. The output can also be routed to printer.
TYPE()	Returns the data type of the specified memo field or character, numeric, logical or date expression.
UNLOCK	Releases a record lock, multiple record locks or a file lock from the current or specified database file. It can also release all record and file locks from all open database files.
UPDATE	Updates fields in the current database file with data from another database file based on some common field.
UPDATED()	Returns true (.T.) if you changed any data during the most recent READ.
UPPER()	Returns the specified character expression in upper-case.

USE	Opens a database file and associated index files. Can also open the database file in a specified work area.
USED()	Returns true (.T.) if a database file is open in a specified work area.
USER-DEFINED FUNCTIONS(UDFs)	Creates new functions. A UDF is similar to a procedure and can return value(s).
VAL()	Returns a numeric expression from a specified character expression composed of number.
VARREAD()	Returns (in upper-case) the name of the memory variable, array element, or field used to create the current @ ... GET field or control.
VERSION()	Returns the number of the version of FoxPro in use.
WAIT	Pauses the execution of the FoxPro command or program and displays a message. FoxPro resumes operation on pressing a key or clicking the mouse.
WBORDER()	Determines whether or not the specified window has a border.
WCHILD()	Returns either the number of child windows in a parent window, or names of child windows.
WCOLS()	Returns the number of columns within the specified windows.
WEXIST()	Returns true (.T.) if the definition of the specified window is in the memory.
WFONT()	Returns the name, size or style of the current font for a window. (FoxPro for Windows only)
WLAST()	Returns the name of the window that was active prior to the current window.
WLCOL()	Returns the column coordinate of the top-left corner of the current or specified window.
WLROW()	Returns the row coordinate of the top-left corner of the current or specified window.

WMAXIMUM()

Determines whether or not the current or specified window is maximised.

WMINIMUM()

Determines whether or not a current or specified window is minimised.

WONTOP()

Determines whether or not the current or specified window is in front of all other active windows.

WOUTPUT()

Determines whether or not output is being directed to the current or specified window.

WPARENT()

Returns the name of the parent window of the current or specified window.

WREAD()

Determines whether or not the current or specified window is involved in the current READ.

WROWS()

Returns the number of rows within a specified window.

WTITLE()

Returns the title assigned to the current or specified window.

WVISIBLE()

Determines whether or not the specified window has been activated and is not hidden.

YEAR()

Returns the year from the specified date expression.

ZAP

Removes all records from the current database file. This is equivalent to DELETE ALL followed by PACK. However, ZAP is much faster. Once ZAPped, records can not be recovered.

ZOOM WINDOW

Allows you to change the size and position of a window. A window can be maximised, minimised, resized or repositioned.

(1)

REFERENCES:

1. Taxali, R.K, Foxpro 2.5 made simple (New Delhi: BPB Publications, 1996)