



EXAMPLES OF COMMON FOXPRO STATEMENTS

| Statement | Format | Description | Example |
|---|--|--|---|
| Commands for Converting Between String Types | | | |
| STR | STR(nExpression) | returns character string from numeric string | str(1234.567) returns "1234.567" |
| VAL | VAL(cExpression) | returns number string from character string | val("1234.567") returns 1234.567 |
| CTOD | CTOD("MM/DD/YYYY") | converts Character TO Date | ctod("09/10/1999") converts Sept 10, 1999 to date string |
| DTOC | DTOC(dExpression) | converts Date TO Character | dtoc(samp_date) returns "09/10/1999" |
| DTOS | DTOS(dExpression) | converts date string to YYYYMMDD | dtoc(samp_date) returns 19990910 |
| Character String Commands | | | |
| AT | AT(cSearchFor,cStringSearched[,nOccurance]) | returns beginning numeric position [of that occurrence] of cSearchFor in cStringSearched | At("Key","GISKey",1) returns 4 |
| SUBSTR | SUBSTR(cExpression,nStartPosition[,nCharacters]) | returns character string from nStartPosition [for nCharacters] | substr("GISKey",4,3) returns "Key" |
| TRIM | TRIM(cExpression) | removes trailing blanks in character string | trim(" note ") returns " note" |
| ALLTRIM | ALLTRIM(cExpression) | removes leading and trailing blanks in character string | alltrim(" note ") returns "note" |
| LEFT | LEFT(cExpression,nCharacters) | returns a specified number of characters from a character expression, starting from the left. | left("note ",2) returns "no" |
| RIGHT | RIGHT(cExpression,nCharacters) | returns a specified number of characters from a character expression, starting from the right. | right("note ",4) returns "te " |
| \$ | "cSearchFor"\$cStringSearched | returns True if cSearchFor is in cStringSearched | "MW"\$site_id returns true if "MW" is in the site_id field |
| Other Commands | | | |
| = | fieldname=Expression | equals | samp_type="S" returns true whenever samp_type is equal to "S" |
| # or <> | fieldname#Expression | is not equal to | samp_type#"S" returns true whenever samp_type is not equal to "S" |
| + | fieldname+fieldname | adds fieldnames including spaces | "first "+"second " returns "first second " |
| - | fieldname-fieldname | adds fieldnames but trims fieldnames | "first "-"second " returns "firstsecond" |

STRING TYPES

c = Character. Character strings are enclosed in quotes.

d = Date. Date Strings must be converted from or to a character string using dtoc(datefield) or ctod("MM/DD/YYYY") - see above.

n = Number. With a number, the number of decimal points is preset by the programmer. Numbers are entered as is.

Logical strings are entered as .T. or .Y. for True; .F. or .N. for False