IConv Masked Decimal (MC, MD) Function

Description

Converts decimal numbers into integers (internal system format).

Syntax

internal = **IConv** *(string*, **"MD***n* | **MC***n* "*[scale] [,] [or m or [mon]] [- or < or C or D] [P] [Z] [T] [S] [xc]")*

Caution: Do not allow spaces between arguments. Refer to the "Example" in this command description.

Parameters

IConv (MC, MD) accepts arguments for the following parameters.

Parameter	Description
string	Must be either a number or a variable that contains a number.
MD, MC	MD indicates a masked decimal conversion. MC (Masked Comma) uses a "." (period) to separate thousands and a "," (comma) to separate the fractional portion of a decimal number. If you use the MC option, and if the value of string is a literal value (rather than a variable name), you must enclose string in quotation marks.
N	A single digit, 0-F, indicates how many digits after the decimal to retain. Excess digits are rounded off. The decimal point does not appear in the data. A value for n is required.
scale	A single digit, 0-9, indicates a scaling factor. The default is the value of n. If you specify a value for scale, string is multiplied by 10 to a factor of scale. When you use the OConv function to convert string for output, string is divided by 10 to a factor of scale.

The remaining options in the syntax line have no effect on the IConv function. They are OConv options that are allowed in the IConv function so you can use the same specifications for both input and output conversions.

If string includes a multi-character currency symbol (for example, "Fr" for francs), you must specify that currency symbol in the IConv conversion.

Example

```
Celsius = 31.4
TEMP = IConv(Celsius, "MC2")
*Assigns to Celsius the value "31400".
```

The following table provides examples of the correct use of the IConv Masked Decimal function.

Example	Output
IConv(64.24, "MD2")	6424
IConv(-5, "MD1")	-50
IConv(64.24, "MD3")	64240
IConv(143.5, "MD12")	14350
IConv(143.5, "MD14")	1435000
IConv(143.5, "MD0")	144
IConv("1.234,5", "MC2.")	123450
IConv("$45.50", "MD2")	4550
IConv("45,25Fr", "MC2[Fr]S")	4525