Appendix I - Formats

Last updated: April 25, 2023

Numeric Formats

The recognised numeric formats are described below:

Character	Description
0	Zero. Outputs one digit from the numeric value. This token displays insignificant zeros if a number has fewer digits than there are zeros.
#	This token follows the same rules as the 0 (zero). However it does not display extra zeros when the number has fewer digits on either side of the decimal than there is # in the format.
.	Outputs the decimal point in a number. Only one permitted per format mask.
v	Denotes a virtual or implied decimal place.
,	Outputs the group/thousands separator.
-	Outputs a leading minus (-) for negative values and a space for positive values. This token must lead the mask.
+	Outputs a leading plus (+) for positive values and a leading minus (-) for negative values. This token must lead the mask.
C	Outputs a "CR" after negative values. This token must trail the other tokens.
D	Outputs CR if the value is negative; otherwise it outputs DR. This token must trail the other tokens.
B	Outputs a space

The following table shows the results of various numeric formats used on different values:

Value	Format	Result
0.128	0.00	0.13
1.7	00v00	0170
1	000000	000001
1	#0	1
1000.9	#,##0	1,001
-10.5	#,##0.00BD	10.50 CR
-2.4	-#0.00	-2.40

String (Text) Formats

The recognised string (text) formats are described below:

Character	Description
X	Outputs a single character.
*	Outputs the remaining characters of the string.
U	All text will be output in Uppercase.
L	All text will be output in Lowercase.
N	Only numeric characters will be output. 0-9.
A	All characters except @, <, >, ~, !, %, ^, =, {, }, [,], :, *, \, $, |, “,?.
(other)	Outputs the character

The following table shows the results of various string formats used on different values:

Value	Format	Result
89-76-55	N	897655
Netsuite 99	A	Netsuite99
Netsuite 99	U	NETSUITE 99
Netsuite 99	L	netsuite 99
Netsuite 99	N	99
090236	XX-XX-XX	09-02-36
090236	XX/*	09/0236

Date Formats

The recognised date formats are described below:

Character	Description
dd	Day of the month
mm	Month of the year
yy	Year without century i.e. two digit year
yyyy	Full year
DDD	Day of the year
MMM	Three letter abbreviation for the month (e.g. JAN)
(other)	Any other character will be treated as a separator

NB. Date formats are case sensitive.

The following table shows the results of various date formats used on different values:

Date	Format	Result
21 January 2008	ddmmyy	010708
21 January 2008	dd/mm/yyyy	21/01/2008
21 January 2008	yy-DDD	08-021
21 January 2008	DDD/MMM	021/JAN
21 January 2008	mmddyyyy	01212008

Time Formats

The recognised time formats are described below:

Character	Description
hh	Hours
mm	Minutes
ss	Seconds
(other)	Any other character will be treated as a separator

The following table shows the results of various date formats used on different values:

Date	Format	Result
1.30 PM	hh:mm	13:30
1.30 PM	hh:mm:ss	13:30:00
1.30 PM	hhmmss	133000