Standard Numeric Format Strings

Format	Name	Precision	(int)1234	(double)123.456
C or c	Currency	Decimal Places	C = £1,234.00 C4 = £1,234.0000	C = £1,234.56 C4 = £1,234.560
D or d	Decimal	Minimum Digits	D = 1234 D6 = 001234	n/a
E or e	Exponential	Decimal Places	e = 1.230000e+002 E3 = 1.234E+002	e = 1.234567e+002 E3 = 1.235E+002
F or f	Fixed Point	Decimal Places	F = 1234.00 F4 = 1234.0000	F = 1234.57 F4 = 1234.5670
G or g	General	Significant Digits	G = 1234 G2 = 12E+03	G = 1234.567 G4 = 1235
N or n	Number	Desired Decimal Places	N = 1,234.00 N4 = 1,234.0000	N = 1,234.57 N4 = 1,234.5670
P or p	Percent	Decimal Places	P = 123,400.00 % P0 = 123,400 %	P = 123,456.70 % P0 = 123,457 %
R or r	Round-Trip	n/a	n/a	R = 1234.567
X or x	Hexadecimal	Number of Digits	x = 4d2 X4 = 04D2	n/a

Custom Numeric Format Strings

Specifier	Name	Example Values	Example Formats	Results
0	Zero Placeholder	1234 1234.567	00000 0	01234 1235
#	Digit Placeholder	1234 1234.567	##### #	1234 1235
.	Decimal Point	1234 1234.567	0.00 0.00	1234.00 1234.57
,	Group Separator	1234 1234.567	#,#.00 000,000.00	1,234.00 001,234.57
,	Number Scaling	1234567 1234567	#,, #,#,.00	1 1,234.57
%	Percentage Placeholder	0.5 0.875	#% #.00%	50% 87.50%
‰	Per Mille Placeholder	0.5 0.875	#‰ #.00‰	500‰ 875.00‰
E0 or e0	Exponential	1234.567 0.01234	E0 e4	1E+003 1.2340e-002
E+0 or e+0	Exponential with Sign	1234.567 0.01234	#.##E+00 0.00e+000	1.23E+03 12.3e-002
E-0 or e-0	Exponential with Negative Sign	1234.567 0.01234	#.##E-00 0.00e-000	1.23E03 12.32e-002
\	Escape Character	1234 1234	\#0,0 \\0,0	#1,234 \1,234
' ' or " "	Literal String	1234 1234	0,0 '0,0' 0,0 "0,0"	1,234 0,0 1,234 0,0
;	Section Separator (Two Sections)	1234 -1234	0,0;(0,0) 0,0;(0,0)	1,234 (1,234)
;	Section Separator (Three Sections)	-1234 0	0,0;(0,0);- 0,0;(0,0);-	(1,234) -

Custom DateTime Format Strings

Specifier	Name	Example Format	3 Dec 2010 13:34:56.789
d or dd	Day	d/M dd/M	3/12 03/12
ddd or dddd	Day Name	ddd d/M dddd d/M	Fri 3/12 Friday 3/12
f or F	Tenths	s.f	56.7
ff or FF	Hundredths	s.ff	56.78
fff or FFF	Milliseconds	s.fff	56.789
ffff or FFFF	Ten Thousandths	s.ffff	56.7890
fffff or FFFFF	Hundred Thousandths	s.fffff	56.78900
ffffff or FFFFFF	Millionths	s.ffffff	56.78900
g or gg	Era	d/M/yyyy g	3/12/2010 A.D.
h or hh	Hour (12-Hour Clock)	h:mm hh:mm	1:34 01:34
H or HH	Hour (24-Hour Clock)	H:mm HH:mm	13:34 13:34
K	Time Zone	HH:mmK	13:34+00:00
m or mm	Minute	H:m H:mm	13:34 13:34
M or MM	Month	d/M dd/MM	3/12 03/12
MMM or MMMM	Month Name	d MMM d MMMM	3 Dec 3 December
s or ss	Second	m:s m:ss	34:56 34:56
t ot tt	AM/PM	h:mm t h:mm tt	1:34 P 1:34 PM
y	Year (One Digit Minimum)	MMM y	Dec 10
yy	Year (Two Digit Minimum)	MMM yy	Dec 10
yyy	Year (Three Digit Minimum)	MMM yyy	Dec 2010
yyyy	Year (Four Digit Minimum)	MMM yyyy	Dec 2010
yyyyy	Year (Five Digits)	MMM yyyyy	Dec 02010
z or zz	UTC Offset in Hours	HH:mmz HH:mmzz	13:34+0 13:34+00
zzz	UTC Offset in Hours and Minutes	HH:mmzzz	13:34+00:00
:	Local Time Separator	HH:mm	13:34
/	Local Date Separator	dd/MM/yyyy	03/12/2010
\	Escape Character	HH\H	13H
' ' or " "	Literal String	'ETA' HH:mm "ETA" HH:mm	ETA 13:34 ETA 13:34
%	Single Character Custom Format	%d	3

Standard DateTime Format Strings

Format	Name	UK	US
d	Short Date	31/12/2010	12/31/2010
D	Long Date	31 December 2010	Friday, December 31, 2010
f	Full Date, Short Time	31 December 2010 13:00	Friday, December 31, 2010 1:00 PM
F	Full Date, Long Time	31 December 2010 13:00:00	Friday, December 31, 2010 1:00:00 PM
g	General Date, Short Time	13/12/2010:13:00	12/31/2010 1:00 PM
G	General Date, Long Time	13/12/2010:13:00:00	12/31/2010 1:00:00 PM
M or m	Month / Day	31 December	December 31
O or o	Round-Trip	2010-12-31T13:00:00.0000000	2010-12-31T13:00:00.0000000
R or r	RFC1123	Fri, 31 Dec 2010 13:00:00 GMT	Fri, 31 Dec 2010 13:00:00 GMT
s	Sortable	2010-12-31T13:00:00	2010-12-31T13:00:00
t	Short Time	13:00	1:00 PM
T	Long Time	13:00:00	1:00:00PM
u	Universal Sortable	2010-12-31 13:00:00Z	2010-12-31 20:00:00Z
U	Universal Full Date / Time	31 December 2010 13:00:00	Friday, December 31, 2010 8:00:00 PM
Y or y	Year / Month	December 2010	December, 2010

Globally Unique Identifier (GUID) Format Strings

Format	Name	Example
N	Digits Only	0123456789abcdef0123456789abcdef
D	Hyphenated	01234567-89ab-cdef-0123-456789abcdef
B	Braces	{01234567-89ab-cdef-0123-456789abcdef}
P	Parentheses	(01234567-89ab-cdef-0123-456789abcdef)
X	Hexadecimal	{0x01234567,0x89ab,0xcdef,{0x01,0x23,0x45,0x67,0x89,0xab,0xcd,0xef}}

Enumeration Format Strings

Format	Name	Height | Width	Sample Enum

G or G	String	Height, Width	[Flags]
			enum Dimensions
			{
			Depth,
			Height,
			Width
			}

F or f	String Even Without Flags Attribute	Height, Width	
D or d	Numeric Value	3	
X or x	Hexadedimal	00000003	