Strings

Sample	Generates
String.Format("[{1, -10}]", "Foo");	[·······Foo]
String.Format("[{1, -5}]", "Foo");	[··Foo]
String.Format("[{1, 5}]", "Foo");	[Foo··]
String.Format("[{1, 10}]", "Foo");	[Foo·······]

Numbers

Specifier	Type	Example	(double) 1.42	(int) -12400
c	Currency	{0:c}	$1.42	-$12,400
d	Decimal (Whole number)	{0:d}	**FormatException**	-12400
e	Scientific	{0:e}	1.420000e+000	-1.240000e+004
f	Fixed point	{0:f}	1.42	-12400.00
G	General	{0:g}	1.42	-12400
N	Number with thousand separator	{0:n}	1.42	-12,400
r	Round trippable	{0:r}	1.42	**FormatException**
x	Hexadecimal	{0:x4}	**FormatException**	cf90

Custom number formats

Specifier	Type	Example	(double) 1500.42	Note
0	Zero placeholder	{0:00.0000}	1500.4200	Pads with zeroes.
#	Digit placeholder	{0:(#).##}	(1500).42	
.	Decimal point	{0:0.0}	1500.4	
,	Digit grouping	{0:0,0}	1,500	Must be between two zeroes.
,.	Number scaling	{0:0,.}	2	Comma next to Period scales by 1000.
%	Percent	{0:0%}	150042%	Multiplies by 100, adds % sign.
E	Exponent	{0:00e+0}	15e+2	Many exponent formats available.
;	Group separator	see below		

Useful Examples

Example	Output
String.Format("{0:00000}", 5)	00005
String.Format("{0:foo;bar;baz}", x)	"foo" if x > 0; "bar" if x < 0; "baz" if x == 0

Dates

Specifier	Type	Example (Passed System.DateTime.Now)
d	Short date	10/12/2002
D	Long date	December 10, 2002
t	Short time	10:11 PM
T	Long time	10:11:29 PM
f	Full date & time	December 10, 2002 10:11 PM
F	Full date & time (long)	December 10, 2002 10:11:29 PM
g	Default date & time	10/12/2002 10:11 PM
G	Default date & time (long)	10/12/2002 10:11:29 PM
M	Month day pattern	December 10
r	RFC1123 date string	Tue, 10 Dec 2002 22:11:29 GMT
s	Sortable date string	2002-12-10T22:11:29
u	Universal sortable, local time	2002-12-10 22:13:50Z
U	Universal sortable, GMT	December 11, 2002 3:13:50 AM
Y	Year month pattern	December, 2002

Custom Date Formats

Specifier	Type	Example	Example Output
dd	Day	{0:dd}	10
ddd	Day name	{0:ddd}	Tue
dddd	Full day name	{0:dddd}	Tuesday
f, ff, …	Second fractions	{0:fff}	932
gg, …	Era	{0:gg}	A.D.
hh	2 digit hour	{0:hh}	10
HH	2 digit hour, 24hr format	{0:HH}	22
mm	Minute 00-59	{0:mm}	38
MM	Month 01-12	{0:MM}	12
MMM	Month abbreviation	{0:MMM}	Dec
MMMM	Full month name	{0:MMMM}	December
ss	Seconds 00-59	{0:ss}	46
tt	AM or PM	{0:tt}	PM
yy	Year, 2 digits	{0:yy}	02
yyyy	Year	{0:yyyy}	2002
zz	Timezone offset, 2 digits	{0:zz}	-05
zzz	Full timezone offset	{0:zzz}	-05:00
:	Separator	{0:hh:mm:ss}	10:43:20
/	Separator	{0:dd/MM/yyyy}	10/12/2002

Enumerations

Specifier	Type
g	Default (Flag names if available, otherwise decimal)
f	Flags always
d	Integer always
x	Eight digit hex.