

:
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Uses

Math

x	Abs(x)
e^x	Exp(x)
Floor(2.8) = 2; : X Floor(-2.8) = -3	Floor(x)
Frac(234.987) = 0.987: X	Frac(x)
Int(234.987) = 234	Int(x)
X^Y intpower(2,3)=8;intpower(2,2)=4	IntPower(X,y)
). X True (Isinfinite(X)
$X*2^Y$	LdExp(x,y)
Len(e) = 1 : X	Ln(x)
Log10(10) = 1 : X	Log10(X)
Y X	LogN(Y,X)
Max(3,6) = 6 :	Max(X,Y)
Min(3,6) = 3:	Min (X,Y)
3.14159265358932358	Pi
$Y[0]*X^0+Y[1]*X^1+...+Y[n]*X^n$	Poly (x,y:array of double)
X^Y	Power (X,Y)
Round (1.5) = : X 2;Round(1.4)=1;Round(1.6) =2	Round (X)
X=0 0 X -1 X 1	Sing(X)
X^2	Sqr(x)
\sqrt{X}	Sqrt(x)
Trunc(5.022) = : X	Trunc(x)

5;Trunc(5.999)=5

```

:
: Isinfinite(X) 1
:
:
: var v: variant;
:   x:double;
:   begin
:     x:=1/0;
:   v:= isinfinite(x);
:     if v then
: form1.Caption := 'true';
:
: Integer X 1/0 X
: Poly ( x,y:array of double) 2
:
: var v: variant;
:   begin
: v:= poly (4,[2,3,4,5]);
: form1.Caption := v;
:
: 2
:
:
: Integer ('A') = 65; Integer ('a') = 97;
Char ( 97 ) = 'a'; Char (48) = '0'; char (65)= 'A';
Boolean(0) = false; Boolean ( 1 ) = true;
:
:
:

```

int64	Strtoint	Strtoint64
Floattostr(5.5e3)='5500';Floattostr(5.5)='5.5'	: X	Floattostr(X)
. ()	X	FloattostrF(x,,,,)
Strtfloat(3.3)= 3.3; : S	Strtfloat(3.3e4)=33000	Strtfloat(s)
.	S	Strtocurr(S)
y X	:	Inttohex(X,y)

```

:
function FloatToStrF(Value: Extended; Format: TFloatFormat ; Precision, Digits: Integer):string ;
    Value
    :
    Format
    : (1)
    Format = FFGeneral 1
    Value
    Precision
    Digits
:
form1.caption := floattostrf(55.2723e+3, ffgeneral,5,2);
5 Precision 55272
4 55272.3 7 5
. 527e4 :
Format = FFExponent 2
(ddd.edd)
0..4 Digits Precision
form1.caption := floattostrf(52.34, ffexponent,8,3);
: 2 3 4 8 5.2340000e+001
5.234E+01
Format = fffixed 3
: Digits
form1.caption := floattostrf(100.36, fffixed,6,1);
100.4
Precision
Format = ffNumber 4
form1.caption := floattostrf(195784430.36, ffnumber,10,5);
. 195,784,430.4000

```

: Format = ffcurrency 5

) .
.(

form1.caption := floattostrf(195784430.36, ffcurrency,10,5);
195,784,430.4000 .

: Inttohex(X,Y)

2345 929 inttohex(2345,1); :

J:=\$F I:=2345 I:= \$929) ... Integer (J=15

:

:

:

F1

(Floattostrf Format)

:

:

Currency

Strtfloat

See Also

Strtfloat

F1

) Category

(Strtocurr)

(Floating point Conversion Routines

) Strtfloat

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Math

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F1 (Power) math)

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Power

.(math

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Help → ( ( ) )
Delphi help
Find ) Find
( )
( Sin )
(Sin)

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Help Other Standard routine )
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. F1

.... F1