

Functions in LibreOffice BASIC - including Parameters

The Functions listed below were extracted from the LibreOffice source file:

/libreoffice-core-3.6.2.2/basic/source/runtime/stdobj.cxx

(For Statements see the file: /libreoffice-core-3.6.2.2/basic/source/comp/parser.cxx)

Function	Return	Parameters
AboutStarBasic	null	(Name as string)
Abs	double	(number as double)
Array	object	()
Asc	long	(string as string)
AscW ¹	long	(string as string)
Atn	double	(number as double)
Beep	null	()
Blue ²	integer	(RGB-Value as long)
CallByName	variant	(Object as object, ProcedureName as string, CallType as integer)
CBool	bool	(expression as variant)
CByte	byte	(expression as variant)
CCur	currency	(expression as variant)
CDate	date	(expression as variant)
CDateFromIso	date	(IsoDate as string)
CDateToIso	string	(Date as date)
CDec	decimal	(expression as variant)
Cdbl	double	(expression as variant)
ChDir	null	(string as string)
ChDrive	null	(string as string)
Choose	variant	(Index as integer, Expression as variant)
Chr	string	(string as integer)
ChrW ¹	string	(string as integer)
CInt	integer	(expression as variant)
CLng	long	(expression as variant)
CompatibilityMode	bool	(bEnable as bool)
ConvertFromUrl	string	(Url as string)
ConvertToUrl	string	(SystemPath as string)
Cos	double	(number as double)
CreateObject	object	(class as string)
CaptureAssertions	null	(methodName as string)
CreateUnoListener	object	(prefix as string, typename as string)
CreateUnoDialog	object	(dialoglibrary as object, dialogname as string)
CreateUnoService	object	(servicename as string)
CreateUnoServiceWithArguments	object	(servicename as string, arguments as array)
CreateUnoStruct	object	(classname as string)
CreateUnoValue	object	(type as string, value as variant)
CreatePropertySet	object	(values as array)
CSng	single	(expression as variant)
CStr	string	(expression as variant)
CurDir	string	(string as string)
CVar	variant	(expression as variant)
CVErr	variant	(expression as variant)
DDB ¹	double	(Cost as double, Salvage as double, Life as double, Period as double, Factor as variant)
Date	date	()
DateAdd	date	(Interval as string, Number as long, Date as date)
DateDiff	double	(Interval as string, Date1 as date, Date2 as date, Firstdayofweek as integer, Firstweekofyear as integer)
DatePart	long	(Interval as string, Date as date, Firstdayofweek as integer, Firstweekofyear as integer)
DateSerial	date	(Year as integer, Month as integer, Day as integer)
DateValue	date	(String as string)
Day	integer	(Date as date)
Ddeexecute	null	(Channel as long, Command as string)
Ddeinitiate	integer	(Application as string, Topic as string)

Posted in LibreOffice Forum <http://en.libreofficeforum.org/node/5245> by ian. 2013-02-04

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Function	Return	Parameters
Ddepoke	null	(Channel as long, Item as string, Data as string)
Dderequest	string	(Channel as long, Item as string)
Ddeterminate	null	(Channel as long)
Ddeterminateall	null	()
DimArray	object	()
Dir	string	(FileSpec as string, attrmask as integer)
DoEvents	integer	()
DumpAllObjects	empty	(FileSpec as string, DumpAll as integer)
EqualUnoObjects	bool	(Variant as variant, Variant as variant)
EnableReschedule	null	(bEnable as bool)
Environ	string	(Environmentstring as string)
EOF	bool	(Channel as integer)
Erl	long	()
Err	variant	()
Error	string	(code as long)
Exp	double	(number as double)
FileAttr	integer	(Channel as integer, Attributes as integer)
FileCopy	null	(Source as string, Destination as string)
FileDateTime	string	(filename as string)
FileExists	bool	(filename as string)
FileLen	long	(filename as string)
FindObject	object	(Name as string)
FindPropertyObject	object	(Object as object, Name as string)
Fix	double	(number as double)
Format	string	(expression as variant, format as string)
FormatDateTime ¹	string	(Date as date, NamedFormat as integer)
Frac	double	(number as double)
FreeFile	integer	()
FreeLibrary	null	(Modulename as string)
FV ¹	double	(Rate as double, NPer as double, Pmt as double, PV as variant, Due as variant)
Get	null	(filenumber as integer, recordnumber as long, variablename as variant)
GetAttr	integer	(filename as string)
GetDefaultContext	object	()
GetDialogZoomFactorX	double	()
GetDialogZoomFactorY	double	()
GetGUIType	integer	()
GetGUIVersion	long	()
GetPathSeparator	string	()
GetProcessServiceManager	object	()
GetSolarVersion	long	()
GetSystemTicks	long	()
GetSystemType	integer	()
GlobalScope	object	()
Green ²	integer	(RGB-Value as long)
HasUnoInterfaces	bool	(InterfaceName as string)
Hex	string	(number as long)
Hour	integer	(Date as date)
Iif	variant	(Bool as bool, Variant1 as variant, Variant2 as variant)
Input ¹	string	(Number as long, FileNumber as long)
InputBox	string	(Prompt as string, Title as string, Default as string, XPosTwips as long, YPosTwips as long)
InStr	long	(Start as string, String1 as string, String2 as string, Compare as integer)
InStrRev ¹	long	(String1 as string, String2 as string, Start as string, Compare as integer)
Int	double	(number as double)
IPmt ¹	double	(Rate as double, Per as double, NPer as double, PV as double, FV as variant, Due as variant)
IRR ¹	double	(ValueArray as array, Guess as variant)
IsArray	bool	(Variant as variant)

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Function	Return	Parameters
IsDate	bool	(Variant as variant)
IsEmpty	bool	(Variant as variant)
IsError	bool	(Variant as variant)
IsMissing	bool	(Variant as variant)
IsNull	bool	(Variant as variant)
IsNumeric	bool	(Variant as variant)
IsObject	bool	(Variant as variant)
IsUnoStruct	bool	(Variant as variant)
Join	string	(list as object, delimiter as string)
Kill	null	(filespec as string)
LBound	long	(Variant as variant)
LCase	string	(string as string)
Left	string	(String as string, Count as long)
Len	long	(StringOrVariant as variant)
LenB	long	(StringOrVariant as variant)
Load	null	(object as object)
LoadPicture	object	(string as string)
Loc	long	(Channel as integer)
Lof	long	(Channel as integer)
Log	double	(number as double)
LTrim	string	(string as string)
Me ¹	object	()
Mid	string	(String as string, StartPos as long, Length as long)
Minute	integer	(Date as date)
MIRR ¹	double	(ValueArray as array, FinanceRate as double, ReinvestRate as double)
MkDir	null	(pathname as string)
Month	integer	(Date as date)
MonthName ¹	string	(Month as integer, Abbreviate as bool)
MsgBox	integer	(Prompt as string, Buttons as integer, Title as string, Helpfile as string, Context as integer)
Now	date	()
NPer ¹	double	(Rate as double, Pmt as double, PV as double, FV as variant, Due as variant)
NPV ¹	double	(Rate as double, ValueArray as array)
Oct	string	(number as long)
Partition	string	(number as long, start as long, stop as long, interval as long)
Pmt ¹	double	(Rate as double, NPer as double, PV as double, FV as variant, Due as variant)
PPmt ¹	double	(Rate as double, Per as double, NPer as double, PV as double, FV as variant, Due as variant)
Put	null	(filenumber as integer, recordnumber as long, variablename as variant)
PV ¹	double	(Rate as double, NPer as double, Pmt as double, FV as variant, Due as variant)
QBColor	long	(number as integer)
Randomize	null	(Number as double)
Rate ¹	double	(NPer as double, Pmt as double, PV as double, FV as variant, Due as variant, Guess as variant)
Red ²	integer	(RGB-Value as long)
Reset	null	()
ResolvePath	string	(Path as string)
RGB	long	(Red as integer, Green as integer, Blue as integer)
Replace	string	(Expression as string, Find as string, Replace as string, Start as integer, Count as integer, Compare as integer)
Right	string	(String as string, Count as long)
Rmdir	null	(pathname as string)
Round ¹	double	(Expression as double, Numdecimalplaces as integer)
Rnd	double	(Number as double)
RTL ¹	object	()
RTrim	string	(string as string)
SavePicture	null	(object as object, string as string)

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Function	Return	Parameters
Second	integer	(Date as date)
Seek	long	(Channel as integer)
SendKeys	null	(String as string, Wait as bool)
SetAttr	null	(File as string, Attributes as integer)
Sgn	integer	(number as double)
Shell	long	(Commandstring as string, WindowStyle as integer)
Sin	double	(number as double)
SLN ¹	double	(Cost as double, Double as double, Life as double)
SYD ¹	double	(Cost as double, Salvage as double, Life as double, Period as double)
Space	string	(string as long)
Spc	string	(Count as long)
Split	object	(expression as string, delimiter as string, count as long)
Sqr	double	(number as double)
Str	string	(number as double)
StrComp	integer	(String1 as string, String2 as string, Compare as integer)
StrConv	object	(String as string, Conversion as string, LCID as integer)
String	string	(Count as long, Filler as variant)
StrReverse ¹	string	(String1 as string)
Switch	variant	(Expression as variant, Value as variant)
Tan	double	(number as double)
Time	variant	()
Timer	date	()
TimeSerial	date	(Hour as long, Minute as long, Second as long)
TimeValue	date	(String as string)
TraceCommand	null	(Command as string)
Trim	string	(String as string)
TwipsPerPixelX	long	()
TwipsPerPixelY	long	()
TypeLen	integer	(Var as variant)
TypeName	string	(Var as variant)
UBound	long	(Var as variant)
UCase	string	(String as string)
Unload	null	(Dialog as object)
Val	double	(String as string)
VarType	integer	(Var as variant)
Wait	null	(Milliseconds as long)
FuncCaller	variant	()
WaitUntil	null	(Date as double)
Weekday	integer	(Date as date, Firstdayofweek as integer)
WeekdayName ¹	string	(Weekday as integer, Abbreviate as bool, Firstdayofweek as integer)
Year	integer	(Date as date)

¹ These Functions require VBA support to be enabled. Insert "Option VBASupport 1" at the top of the BASIC Module.

² These Functons, Red(), Green(), and Blue(), are only supported in "normal" mode where VBA Support is not enabled. i.e. "Option VBASupport 0".