

Related Commands

This chapter categorizes the DCL language elements into groups that perform related tasks.

Arrays

Description	Function/Statement
Change default lower limit	Option Base
Declare and initialize	Dim
	FileDirs
	FileList
	ReDim
	ReadINISection
Find the limits	LBound
	UBound
Manipulate an array	ArrayDims
	ArraySort

Clipboard Manipulation

Description	Function/Statement
Capture a screen or window to the clipboard	Snapshot
Clear the clipboard object	ClipboardClear
Get contents of clipboard	Clipboard\$

Conversions

Description	Function/Statement
ANSI value to string	Chr\$
Date to serial number	DateSerial DateValue
Number to string	CStr Str\$ Oct\$ Hex\$
One numeric type to another	Cdbl CInt CLng CSng
String to ASCII value	Asc
String to number	Val

Date and Time Functions

Description	Function/Statement
Date to serial number	DateSerial
	DateValue
Get the current date or time	Date\$
	Now
	Time\$
Serial number to date	Day
	Month
	Weekday
	Year
Serial number to time	Hour
	Minute
	Second
Set the date or time	Date\$
	Time\$
Time a process	Timer
Time to serial number	TimeSerial
	TimeValue

DCL Environment Information

```
DCLHomeDir$
DCL$OS$
DCLVersion$
```

Desktop Modifications

```
DesktopCascade
DesktopSetColors
DesktopSetWallpaper
DesktopTile
```

Dialog Creation

Begin Dialog...EndDialog
CancelButton
Checkbox
Combobox
Dialog
Dim
GroupBox
ListBox
OKButton
OptionButton
OptionGroup
PushButton
Text
TextBox

Dialog Display

AnswerBox
AskBox\$
AskPassword\$
InputBox\$
MsgBox
MsgClose
MsgOpen
MsgSetText
MsgSetThermometer
OpenFileName\$
PopupMenu
SaveFileName\$
SelectBox

Dialog Manipulation

ActivateControl
ButtonEnabled
ButtonExists
CheckboxEnabled
CheckboxExists
ComboboxEnabled
ComboboxExists
EditEnabled
EditExists
GetCheckbox
GetComboboxItem\$
GetComboboxItemCount
GetEditText\$
GetListboxItem\$
GetListboxItemCount
GetOption
ListboxEnabled
ListboxExists
OptionEnabled
OptionExists
SelectButton
SelectComboboxItem
SelectListboxItem
SetCheckbox
SetEditText
SetOption

Dynamic Data Exchange (DDE)

DDEExecute
DDEInitiate
DDEPoke
DDERequest

```

DDETerminate
DDETerminateAll
DDETimeOut

```

Environment Statements and Functions

Description	Function/Statement
Control an MCI device	MCI
End the working session	SystemRestart
Get information about the system	ReadINI\$
	ReadINISection
	SystemFreeMemory
	SystemFreeResources
	SystemTotalMemory
	SystemWindowsDirectory\$
	SystemWindowsVersion\$
Modify the Windows environment	AddIni
	RefreshIni
	SystemMouseTrails
	WriteINI
Save and restore the environment	RestoreEnv
	SaveEnv
Set and get environment variables	Environ\$
	GetEnv
	SetEnv

Error Trapping

Description	Function/Statement
Get error messages	Error\$
Get error-status data	Errl
Get or set error-status data	Err
Simulate run-time errors	Error
Trap errors while a program is running	On Error
	Resume

File Input and Output

Description	Function/Statement
Access or create a file	Open
Close files	Close
	Reset
Copy a file	FileCopy
Get information about a file	EOF
	FileAttr
	FileDateTime
	FileExists
	FileLen
	FileList
	FileType
	FindFile\$
	FreeFile
	Loc
	LOF
	Seek
Manage disk drives or directories	ChDir
	ChDrive
	CurDir\$
	DiskDrives
	DiskFree
	MkDir
	RmDir
	DirExists
Manage files	Dir\$
	FileDirs
	FileParse
	Kill
	Name
Read from a file	Input #
	Input\$
	Line Input #
Set or get file attributes	GetAttr

SetAttr

Continued...

Description	Function/Statement
Set read-write position in a file	Seek
Write to a file	Print # Write #

Flow Control

Description	Function/Statement
Branch	GoSub...Return Goto On Error
Exit or pause the program	EnableStopScript End SleepUntil Stop WaitForTaskCompletion
Loop	Do...Loop Exit Do Exit For For...Next While...Wend
Make decisions	If...Then...Else Select Case
Pause script	Sleep
Prevent other applications	Exclusive
Run another program	Shell
Yield control to other applications	DoEvents

Icons

SetIcon
SetIconTitle
ShowIcon

Keyboard Manipulation

Description	Function/Statement
Play back a string of keystrokes	DoKeys
Record and play keystrokes, using the event queue	QueEmpty QueFlush QueKeyDn QueKeys QueKeyUp SendKeys

Math Statements and Functions

Description	Function/Statement
General calculations	Exp Log Sqr
Generate random numbers	Random Randomize Rnd
Get absolute value	Abs
Get the sign of an expression	Sgn
Numeric conversion	Fix Int
Trigonometry	Atn Cos Sin Tan

Menus

Description	Function/Statement
Issue menu command	Menu
Manipulate menu items	MenuItemChecked
	MenuItemEnabled
	MenuItemExists

Miscellaneous Statements and Functions

Description	Function/Statement
Comment	Rem ,
Get command-line arguments	Command\$
Sound a beep	Beep

Mouse Events

```

QueEmpty
QueFlush
QueMouseClicked
QueMouseDown
QueMouseDown
QueMouseDown
QueMouseMove
QueMouseUp
QueSetRelativeWindow

```

Network Functions

```

NetAttach
NetConnectDrive
NetDetach

```

```
NetDirectoryRights
NetDisconnectDrive
NetGetDirectoryRights
NetMemberOf
NetStationID
NetUserName
NetworkStatus
```

Operators

Description	Function/Statement
Arithmetic	*
	+
	-
	/
	\
	^
	Mod
Comparison	<
	<=
	<>
	=
	>
	>=
Logical	And
	Not
	Or
	Xor

Printer Manipulation

```
PrinterGetOrientation
PrinterSetOrientation
PrintFile
```

Procedure Statements

Description	Function/Statement
Call a subroutine	Call
Declare a reference to an external routine	Declare
Define a procedure	Function...End Function Main Sub...End Sub
Exit a procedure	Exit Function Exit Sub

Strings

Description	Function/Statement
Convert to lowercase or uppercase letters	LCase\$ UCase\$
Convert string to number	Val
Create strings of repeating characters	Space\$ String\$
Find the length of a string	Len
Logical operators used in string comparisons	< <= <> = > >=

Continued...

Description	Function/Statement
Manipulate strings	InStr
	Left\$
	LTrim\$
	Mid\$
	Null
	Right\$
	RTrim\$
	StrComp
	StringSort
	Str\$
	Trim\$
Parsing	Item\$
	ItemCount
	Line\$
	LineCount
	Word\$
	WordCount
Work with ASCII and ANSI values	Asc
	Chr\$

Variables and Constants

Description	Function/Statement
Assign value	Let
Declare variables or constants	Const
	Dim
	ReDim
Set default data type	Deftype

Viewport Window Manipulation

```
Print
ViewportClear
ViewportClose
```

ViewportOpen

Window Manipulation

AppActivate
AppClose
AppFileName\$
AppFind
AppGetActive\$
AppGetPosition
AppGetState
AppHide
AppList
AppMaximize
AppMinimize
AppMove
AppRestore
AppSetState
AppShow
AppSize
AppType
HLine
HPage
HScroll
VLine
VPage
VScroll
WinActivate
WinClose
WinFind
WinList
WinMaximize
WinMinimize
WinMove
WinRestore
WinSize

