

# Appendix

## NAMING CONVENTIONS

It is a good idea to establish naming conventions for your Display Builder code.

Naming conventions help programmers:

1. Standardize the structure, coding style and logic of an application.
2. Create precise, readable, and unambiguous source code.
3. Be consistent with other language conventions (most importantly, the Visual Basic Programmers Guide and standard Windows C Hungarian notation).
4. Be efficient from a string size and labor standpoint, thus allowing a greater opportunity for longer and fuller object names.
5. Define the minimal requirements necessary to do the above.
6. Use Option Explicit. Declare all variables to save programming time by reducing the number of bugs caused by typos (for example, aUserNameTmp vs. sUserNameTmp vs. sUserNameTemp).
7. Save Files as ASCII Text.

### Object Naming Conventions for Common Objects

Prefix	Object Type	Example
cbo	Combo box	cboEnglish
chk	Checkbox	chkReadOnly
cmd	Command button	cmdOk
dat	Data control	datBiblio
dlg	Common dialog control	dlgFileOpen
frm	Form	frmEntry
fra	Frame	fraStyle
gau	Gauge	gauStatus
grd	Grid	grdPrices
lbl	Label	lblHelpMessage
lst	List box	lstPolicyCodes
mnu	Menu	mnuFileOpen
opt	Option Button	optRed
pnl	Panel	pnlStlye
rpt	Report control	rptQtr1Earnings
tab	Tab Control	tabProperties
txt	Text Box	txtLastName
tmr	Timer	tmrAlarm

## Appendix

### Object Naming Recommendations for Less Common Objects

Prefix	Object Type	Example
com	Communications	comFax
dir	Directory list box	dirSource
drv	Drive list box	drvTarget
fil	File list box	filSource
gra	Graph	graRevenue
hsb	Horizontal scroll bar	hsbVolume
img	Image	imgIcon
iml	Image List Control	imlMainToolbar
lin	Line	linVertical
mpm	MAPI message	mpmSentMessage
mps	MAPI session	mpsSession
mci	MCI (media control interface)	mciVideo
ole	OLE control	oleWorksheet
out	Outline control	outOrgChart
pbr	Progress Bar	pbrStatus
pic	Picture	picVGA
shp	Shape controls	shpCircle
spn	Spin control	spnPages
sta	Status Bar	staHelp
tbr	Toolbar Control	tbrMainToolbar
vsb	Vertical scroll bar	vsbRate

### Naming Conventions for Other Controls (When not already defined)

For new controls not listed above, try to come up with a unique three character prefix. However, it is more important to be clear than to stick to three characters. I would recommend adding the new name to the list above.

### Object Naming Convention for Database Objects (Variable Names)

Prefix	Object Type	Example
db	Database	dbAccounts
ss	Snapshot object	ssForecast
tbl	Table object	tblCustomer
qru	Query object	qryCustomers
rs	Recordset Object	rsCustomers

# Appendix

## Variable Naming

Prefixes: The following tables define variable and function name prefixes that are based on Hungarian C notation for Windows. These prefixes should be used with all variables and function names. Use of old Basic suffixes (such as %, &, #, etc.) are discouraged.

Prefix	Data Type
b	Boolean
c	Currency - 64 bits
d	Double - 64 bit
dt	Date and Time
f	Float/Single - 32
l	Long - 32 bit
n	Number/Counter
s	String
vnt	Variant
a	Array

## Scope and Usage Prefixes (optional):

Prefix	Description
g	Global
m	Local to module or form
st	Static variable
(no prefix)	Non-static variable, prefix local to procedure
v	Variable passed by value (local to a routine)
r	Variable passed by reference (local to a routine)

Here are some examples:

iSend - Represents a count of the number of messages sent

bSend - A Boolean flag defining the success of the last Send operation

hSend - A Handle to the Comm interface

## Operators (Recommended)

Use an ampersand (&) when concatenating strings, and use the plus sign (+) when working with numerical values. Using a plus sign (+) with nonnumerical values, may cause problems when operating on two variants.

# Appendix

## Scope

Variables should always be defined with the smallest scope possible. Global variables can create enormously complex state machines and make the logic of an application extremely difficult to understand. Global variables also make the reuse and maintenance of your code much more difficult.

Only use global variables when there is no other convenient way to share data.

-----