

Excel VBA Naming Conventions

Purpose and Objectives

The purpose of this document is to provide naming conventions for Excel VBA Variables and Controls.

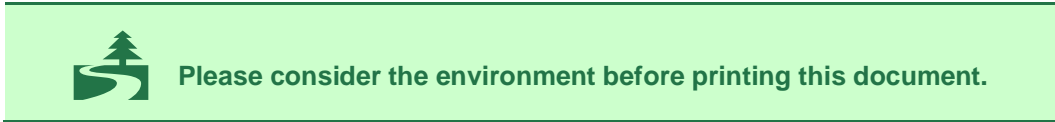


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1. Excel VBA Naming Conventions

1.1 Why Use Naming Conventions ?

Using naming conventions...

- Makes your code easier to follow and understand.
- Makes your code easier to debug.
- Makes your code more consistent across different projects.

For example, without a naming convention a variable can be defined as 'MyVariable' in your code there is no way of telling what data type the variable is i.e. Boolean, Long, String etc. However, if you prefix the variable with an abbreviation for the data type for instance 'str' for String the variable is defined as strMyVariable so you know when it appears in the code that it is a String Variable.

1.2 Variable Naming Conventions

Data Type	Prefix	Example Definition
Boolean	bln	blnTrueOrFalse
Byte	byt	bytMyByte
Currency	cur	curMyCurrency
Date	dte	dteMyDate
Decimal	dec	decMyDecimal
Double	dou	douMyDouble
Integer	int	intMyInteger
Long	lng	lngMyLong
LongLong	lnglng	lnglngMyLongLong
LongPtr	lngptr	lngptrMyLongPtr
Object	obj	objMyObject
Single	sin	sinMySingle
String	str	strMyString
Variant	vnt	vntMyVariant
User-defined	usd	usdMyUserDefined

1.2.1 Microsoft Data Type Summary

<https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/data-type-summary>

1.2.2 Private and Public Scope

If you also want to identify the Private and Public scope of a variable...

Private – pri_ (pri_intMyPrivateInteger)

Public – pub_ (pub_intMyPublicInteger)

1.3 Standard Control Naming Conventions

Control	Prefix	Example Definition
ComboBox	cbo	cboMyComboBox
CommandButton	cmd	cmdMyCommandButton
CheckBox	chk	chkMyCheckBox
Frame	fra	fraMyFrame
Image	img	imgMyImage
Label	lbl	lblMyLabel
ListBox	lst	lstMyListBox
ListView	lvw	lvwMyListView
OptionButton	opt	optMyOptionButton
ProgressBar	pbr	pbrMyProgressBar
MultiPage	mpg	mpgMyMultiPage
ScrollBar	scl	sclMyScrollBar
Slider	slr	slrMySlider
SpinButton	spn	spnMySpinButton
TabStrip	tab	tabMyTabStrip
TextBox	txt	txtTextBox
ToggleButton	tog	togMyToggleButton
WebBrowser	web	webMyWebBrowser

1.4 Other Naming Conventions

1.4.1 Arrays

Array – **arr** (arrMyArray)

1.4.2 Constants

It is recommended that constants are defined in uppercase (MYCONSTANT).

1.4.3 UserForm

UserForm – **frm** (frmMyUserForm)

1.4.4 Modules

Class Module – **cls** (clsMyClassModule)

Module – **mod** (modMyModule)

1.4.5 Workbooks and Worksheets

Workbook – **wb** (wbMyWorkbook)

Worksheet – **ws** (wsMyWorkSheet)

2. References

<https://docs.microsoft.com/en-us/office/vba/language/reference/user-interface-help/data-type-summary>

3. Revision Log

Date	Amendments	Updated by
21/01/2022	Initial Release	T.J.Rowe