

This document includes four Word for Windows 2.0 macros.

1. Equations with running number
2. Figures with running figure number and caption
3. Macro to zap every tool off the screen (full screen mode). Handy when attached to a hot key, such as ctrl-shft-F. Requires version 2.0b or later.
4. text-to-speech macro to speak any selected text in Word. Must have access to First Byte Monologue for Windows program. (speech.dll, mvoice.dll)

To use a macro, select the desired macro (from a Sub Main to an End Sub), choose tools/macro/edit and paste the selection. Then you can save and attach the macro to a hot-key, button or menu option.

Distribution and use: Absolutely free. Feel free to modify and distribute these macros.

Guarantees: None. These work for me, I can say that much, but nothing more.

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1. The following macro will fire up the equation editor, full screen, center the finished equation and place a running (sequential) number flushed at the right margin. Unfortunately, this assumes a 6" page width (margin to margin). You must manually change the FormatTabs lines if your page width is different or if you are using columns.

-----cut here-----

```
Sub MAIN
Insert Chr$(9)
InsertObject .Class = "Equation"
key$ = "% x"
SendKeys key$
Insert Chr$(9)
CurrentFont$ = Font$()
Font "Arial"
CurrentBold = Bold()
Bold 1
Insert "("
InsertField .Field = "seq Equation"
Insert ")"
FormatTabs .Position = "3 in", .Align = 1, .Set
FormatTabs .Position = "6 in", .Align = 2, .Set
Insert Chr$(13)
Bold CurrentBold
Font CurrentFont$
End Sub
```

-----cut here-----

2. This macro prompts for a caption, and creates a two row table, the bottom of which has a running figure number and the caption, the top has a border around it.

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```

Sub Main
CapText$ = InputBox$("Enter caption text for the figure", "Caption text")
TableInsertTable .NumColumns = 1, .NumRows = 2, .InitialColWidth = "Auto"
LineDown
Bold
Font "Arial"
Insert "Figure "
InsertField .Field = "seq Figure"
Insert ": "
Font "TimesNewRoman"
Insert CapText$
LineUp
FormatBorder .ApplyTo = 2, .TopBorder = 1, .BottomBorder = 1, .LeftBorder = 1, .RightBorder = 1
End Sub

```

-----cut here-----

3. This simple macro does the equivalent of the full screen menu option under the tools/option.

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```

Sub MAIN
ToolsOptionsView .HScroll = 0, .VScroll = 0, .StatusBar = 1, .StyleAreaWidth = "0" + \
Chr$(34), .TableGridlines = 1, .TextBoundaries = 0, .PicturePlaceHolders = 0, \
.FieldCodes = 0, .Linebreaks = 1, .Tabs = 0, .Spaces = 0, .Paras = 0, .Hyphens = 0, \
.Hidden = 0, .ShowAll = 0, .FullScreen = 1
End Sub

```

-----cut here-----

4. This macro sends any selected text to the speech dll which results in the selection being 'spoken' thru a soundblaster or the speaker. Requires speech.dll and mvoice.dll that come with Monologue for Windows, by First Byte.

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Declare Function Say Lib "c:\monologw\speech.dll"(speech$) As Integer

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Declare Function SetSayGlobals Lib "c:\monologw\speech.dll"(Res1 As Integer, Res2 As Integer, \
Pitch As Integer, Speed As Integer, Volume As Integer) As Integer

```

```

Sub MAIN
Begin Dialog UserDialog 270, 208, "Talk"
    GroupBox 10, 6, 73, 163, "Volume"
        OptionGroup .Volume
            OptionButton 18, 22, 39, 16, "1"
            OptionButton 18, 38, 39, 16, "2"
            OptionButton 18, 54, 39, 16, "3"
            OptionButton 18, 70, 39, 16, "4"
            OptionButton 18, 86, 39, 16, "5"
            OptionButton 18, 102, 39, 16, "6"
            OptionButton 18, 118, 39, 16, "7"
            OptionButton 18, 134, 39, 16, "8"
            OptionButton 18, 150, 39, 16, "9"
        GroupBox 98, 6, 73, 163, "Speed"
            OptionGroup .Speed

```

```

        OptionButton 106, 22, 39, 16, "1"
        OptionButton 106, 38, 39, 16, "2"
        OptionButton 106, 54, 39, 16, "3"
        OptionButton 106, 70, 39, 16, "4"
        OptionButton 106, 86, 39, 16, "5"
        OptionButton 106, 102, 39, 16, "6"
        OptionButton 106, 118, 39, 16, "7"
        OptionButton 106, 134, 39, 16, "8"
        OptionButton 106, 150, 39, 16, "9"
    GroupBox 186, 6, 73, 163, "Pitch"
        OptionGroup .Pitch
            OptionButton 194, 22, 39, 16, "1"
            OptionButton 194, 38, 39, 16, "2"
            OptionButton 194, 54, 39, 16, "3"
            OptionButton 194, 70, 39, 16, "4"
            OptionButton 194, 86, 39, 16, "5"
            OptionButton 194, 102, 39, 16, "6"
            OptionButton 194, 118, 39, 16, "7"
            OptionButton 194, 134, 39, 16, "8"
            OptionButton 194, 150, 39, 16, "9"
        PushButton 38, 182, 88, 21, "&Talk"
        CancelButton 146, 181, 88, 21
End Dialog
Dim Dlg As UserDialog          'define dialog array
dlg.Volume = 4
dlg.Speed = 8
dlg.Pitch = 8
If Dialog (Dlg) Then          'display the dialog
    Vol = 1 + dlg.Volume
    Spd = 1 + dlg.Speed
    Ptch = 1 + dlg.Pitch
    SetParams = SetSayGlobals(0, 0, Spd, Ptch, Vol)
    Text$ = Selection$()
    Talk = Say(Text$)
End If
End Sub
-----cut here-----

```