



Micro-Bytes PicClip Buttons

## Micro-Pic PicClip Button Array 1.0

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The included button **graphics** are not copyrighted by Micro-Bytes\WordWare. Feel free to redesign, re-color or modify them to your requirements. **Micro-Pic** requires Microsoft's **PICCLIP.VBX** and Microsoft Visual Basic Pro 2.0. They may also function with the Professional version of Visual Basic 1.0.

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## Altering the Mouse-Down Button

You can alter the **background** color of the **Micro-Pic** Button Array, as shown in this example, by using Microsoft PaintBrush to **re-fill** the existing colors. Before experimenting with colors, **Save** this bitmap (BUTNARA2.BMP) as **BUTNARA3.BMP** to create a backup.



## Using Micro-Pic

See Microsoft's Visual Basic 2.0 **Professional Features** Manual for information on adding a

**PicClip** VBX control  to your Project Form.

In your Project Form set it's following **properties**:

<b>Cols:</b>	<b>20</b>
<b>Picture:</b>	<b>BUTNARAY.BMP</b> (or one you've modified)
<b>Rows:</b>	<b>10</b>

Again, in your Project Form, add a **Picture Control** , and set it's following properties:

<b>AutoSize:</b>	<b>True</b>
<b>BackColor:</b>	light gray for 3D affect (&H00C0C0C0&)
<b>BorderStyle:</b>	<b>None</b>
<b>Height:</b>	<b>330</b>
<b>Name:</b>	<b>ButnPic</b>
<b>Width:</b>	<b>360</b>

From the **Options** Menu under **Environment**, set the **Grid Height** and **Grid Width** to **60**, and **Align to Grid** to **Yes**.

Determine the **number** of buttons you will need on the current Form. With the **ButnPic** Control **selected**, Press **^C** to copy it to the Windows clipboard. Now **paste** as many ButnPic Picture Controls on your Form as you will need, by selecting the **Form**, then pressing **^V**. When you are prompted as to whether you want to create a **control array**, answer **Yes**. The ButnPic controls will be automatically **Indexed**.

You may want to include a couple extra controls in case you decide to add more buttons later. They can be placed **outside** the **active** form area with the **Micro-Pic PicClip** picture, and they will not be visible at Run-Time.

The following Visual Basic code is an example of using the **Select Case** Statement to determine what to do when a **Micro-Pic** Control is **clicked** with the mouse. Notice that the assigned **Micro-Pic** Picture is referenced in **PicClip1.GraphicCell(n + 10)**. Where "n" is the picture displayed in the **MouseUp** position, and the second number is the offset to the picture displayed in the **MouseDown** position.

### For the MouseDown Event:

```
Sub ButnPic_MouseDown (Index As Integer, Button As Integer, Shift As Integer,  
X As Single, Y As Single)
```

```

Select Case Index
    Case 0
        ButnPic(0).Picture = PicClip1.GraphicCell(0 + 10)
        ' your code or subroutine call goes here
    Case 1
        ButnPic(1).Picture = PicClip1.GraphicCell(1 + 10)
        ' your code or subroutine call goes here
    Case 2
        ButnPic(2).Picture = PicClip1.GraphicCell(2 + 10)
        ' your code or subroutine call goes here
End Select

End Sub

```

## For the MouseUp Event:

```

Sub ButnPic_MouseUp (Index As Integer, Button As Integer, Shift As Integer, X
As Single, Y As Single)
    Select Case Button
        Case 0
            ButnPic(0).Picture = PicClip1.GraphicCell(0)
        Case 1
            ButnPic(1).Picture = PicClip1.GraphicCell(1)
        Case 2
            ButnPic(2).Picture = PicClip1.GraphicCell(2)
    End Select

End Sub

```

## Determining PicClip.GraphicCell Number

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HyperGraphic HotSpots are used here.

Click on the Micro-Pic Button you would like to use, and you will be provided with the MouseUp value to use as the PicClip.GraphicCell(n) parameter.



## Altering the Mouse-Down Button

Button 0



Button 1

Button 2

Button 3

Button 4

Button 5

Button 6

Button 7

Button 8



Button 9

Button 20

Button 21

Button 22

Button 23

Button 24

Button 25

Button 26



Button 27

Button 28

Button 29

Button 40

Button 41

Button 42

Button 43

Button 44



Button 45

Button 46

Button 47

Button 48

Button 49

Button 60

Button 61

Button 62



Button 63

Button 64

Button 65

Button 66

Button 67

Button 68

Button 69

Button 80



Button 81

Button 82

Button 83

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Button 89

Button 100

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Button 129

Button 140

Button 141

Button 142



Button 143

Button 144

Button 145

Button 146

Button 147

Button 148

Button 149

Button 160



Button 161

Button 162

Button 163

Button 164

Button 165

Button 166

Button 167

Button 168



Button 169

Button 180

Button 181

Button 182

Button 183

Button 184

Button 185

Button 186



Button 187

Button 188

Button 189



