



Topaz Systems, Inc. SigPlus Image Demo

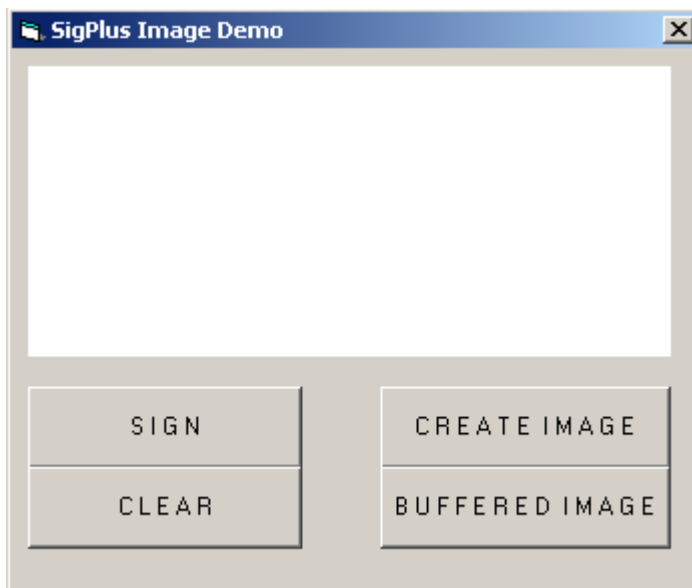
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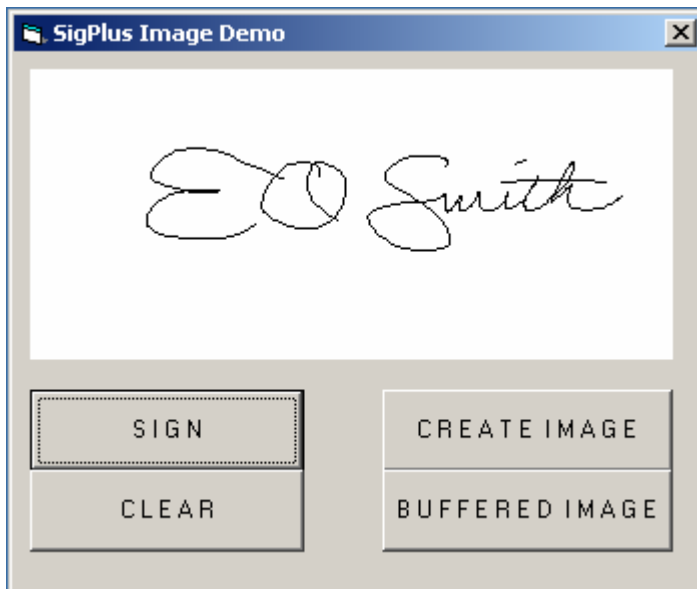
Welcome to the Topaz SigPlus Image Demo. This demonstration captures a signature and saves it as a .jpeg to file, or as a bitmap buffered image. Because this demo is will not create a biometric or an encrypted signature but instead creates a .jpeg image, the signature is not legally binding.

To download the demo go to:
<http://topazsystems.com/software/topazsigimagedemo.zip>

Begin by opening “sigImageDemo.exe”. It will be located in the .zip file you downloaded from topazsystems.com. The screen below will appear.



This demo only has 4 easy functions. Start by capturing signature using the “Sign” button. (Shown on the next page.)



To resign, press “Clear” and then “Sign.” When you are ready to create an image using your signature, press “Create Image” to save your signature as “c:\signature.jpeg”, or “Buffered Image” to save as a buffered bitmap.

The Code

```

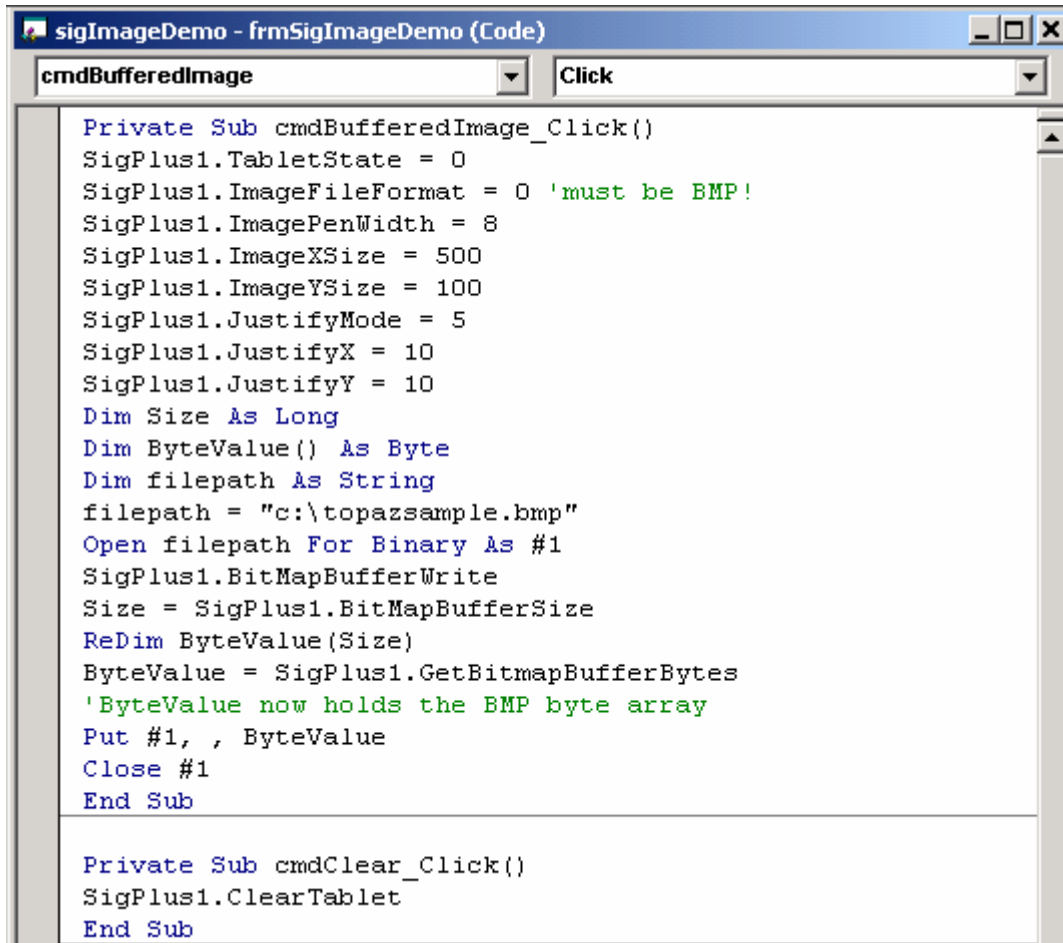
Private Sub cmdImage_Click()
SigPlus1.TabletState = 0
'Turn off tablet
SigPlus1.ImageXSize = 1500
'Sets resulting image's file width in pixels
SigPlus1.ImageYSize = 500
'Sets resulting image's file height in pixels
SigPlus1.JustifyX = 10
'Sets left/right edge "no-ink" buffer
SigPlus1.JustifyY = 10
'Sets top/bottom edge "no-ink" buffer
SigPlus1.ImageFileFormat = 4
'0 sets the resulting image's file type to BMP; 0=BMP and 4=
SigPlus1.ImagePenWidth = 8
'Sets the thickness of the ink (in pixels) for the resulting
SigPlus1.JustifyMode = 5
'Blows signature up as large as possible within the bounds c
SigPlus1.WriteImageFile "c:\signature.jpg"
'Method that will write out the image file, using all the pe
End Sub

Private Sub cmdSign_Click()
SigPlus1.TabletState = 1
'Turn tablet on
End Sub

```

Above is the code for the “Create Image” button (cmdImage), and the “Sign” button (cmdSign). The Sign button simply turns on the tablet as to accept signature data from the tablet. CmdImage creates an image from the signature data. It first formats the image, and then writes it to file as a jpeg (c:\signature.jpg).

Below is the code for the commands to create a buffered image and clear the tablet. CmdClear clears the signature data so you can resign. CmdBufferedImage creates the buffered image to memory. It first turns the tablet off, and then formats the image. Please note that for this function you must save the image as a bitmap. The signature is placed in a ByteArray to be used as necessary. For example, it can be stored in a BLOB field.



```
Private Sub cmdBufferedImage_Click()  
SigPlus1.TabletState = 0  
SigPlus1.ImageFileFormat = 0 'must be BMP!  
SigPlus1.ImagePenWidth = 8  
SigPlus1.ImageXSize = 500  
SigPlus1.ImageYSize = 100  
SigPlus1.JustifyMode = 5  
SigPlus1.JustifyX = 10  
SigPlus1.JustifyY = 10  
Dim Size As Long  
Dim ByteValue() As Byte  
Dim filepath As String  
filepath = "c:\topazsample.bmp"  
Open filepath For Binary As #1  
SigPlus1.BitMapBufferWrite  
Size = SigPlus1.BitMapBufferSize  
ReDim ByteValue(Size)  
ByteValue = SigPlus1.GetBitmapBufferBytes  
'ByteValue now holds the BMP byte array  
Put #1, , ByteValue  
Close #1  
End Sub  
  
Private Sub cmdClear_Click()  
SigPlus1.ClearTablet  
End Sub
```

For more information regarding products and support
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