

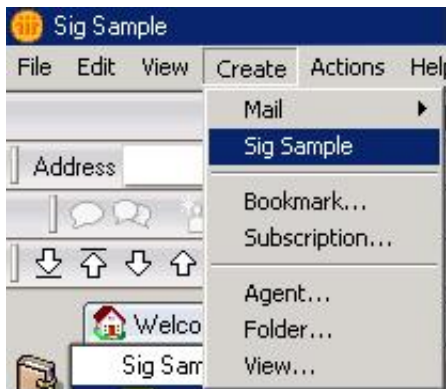
Topaz Systems, Inc. Lotus Notes Demo Guide

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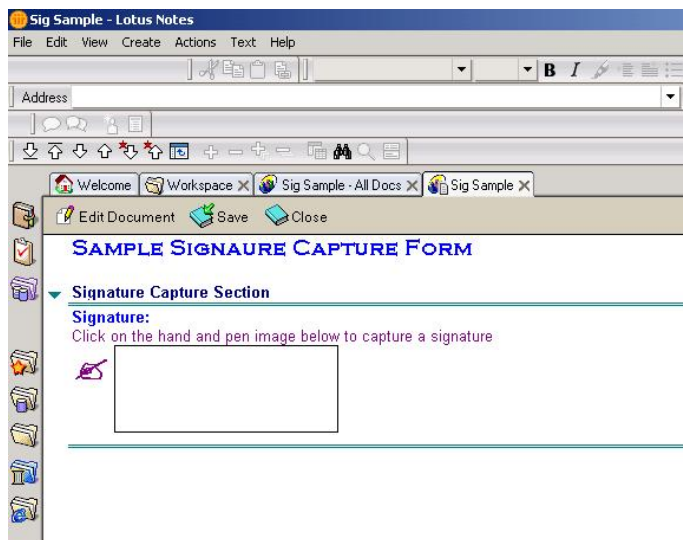
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Welcome to the Topaz Systems Lotus Notes Demonstration Guide. This guide will take you step by step through creating signatures using SigPlus in a Lotus environment. The Signatures are saved in the Lotus Notes database and can be returned later for viewing.

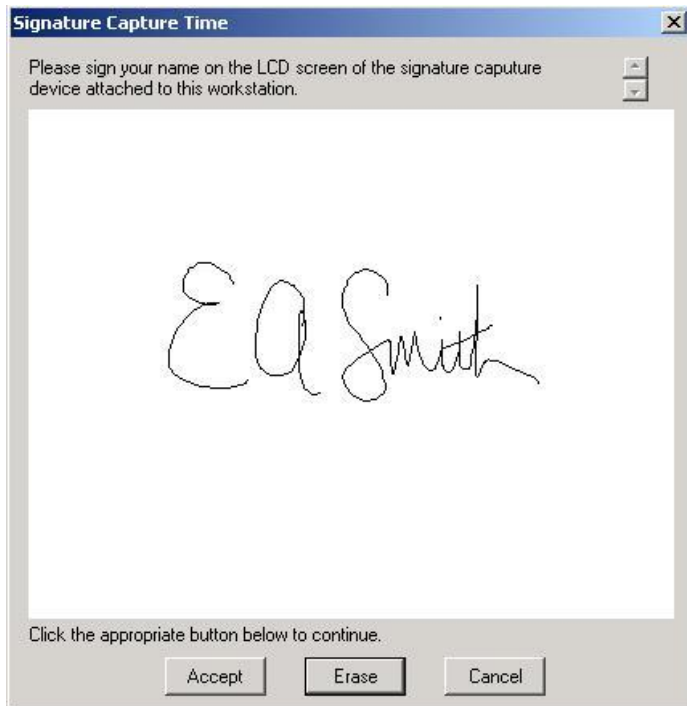
If you are not already in the SigSample view, you can get there by going to the “Databases” tab on the left, then to “Workspace,” and finally to “SigSample.” From here you can view a sample signature, or create your own signature. To create a new signature, go to Create>Sig Sample.



You will see the window displayed below. To sign click on the hand holding a pen icon.



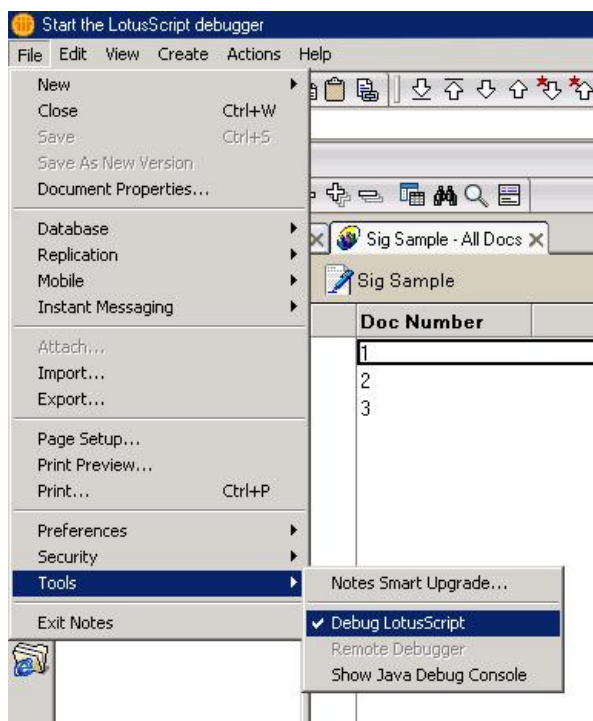
The field below will appear. Sign and your signature will appear in the window. When you are ready, push “Accept” to import the signature into Lotus Notes. To clear the signature press “Clear,” and to cancel, press “Cancel.”



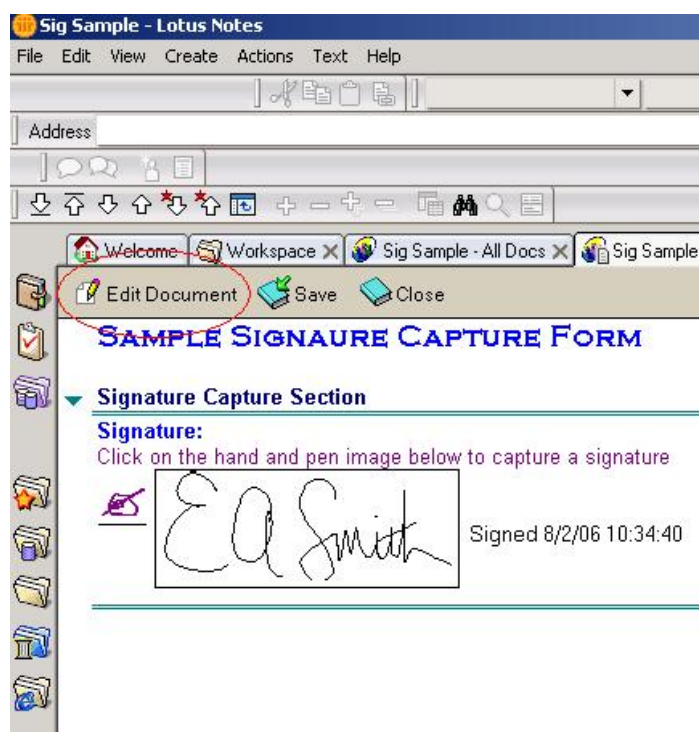
Your signature is not on record in Lotus notes. Save it if you wish to keep the Signature on file. Next we will see the code behind this operation.

Exploring the Code

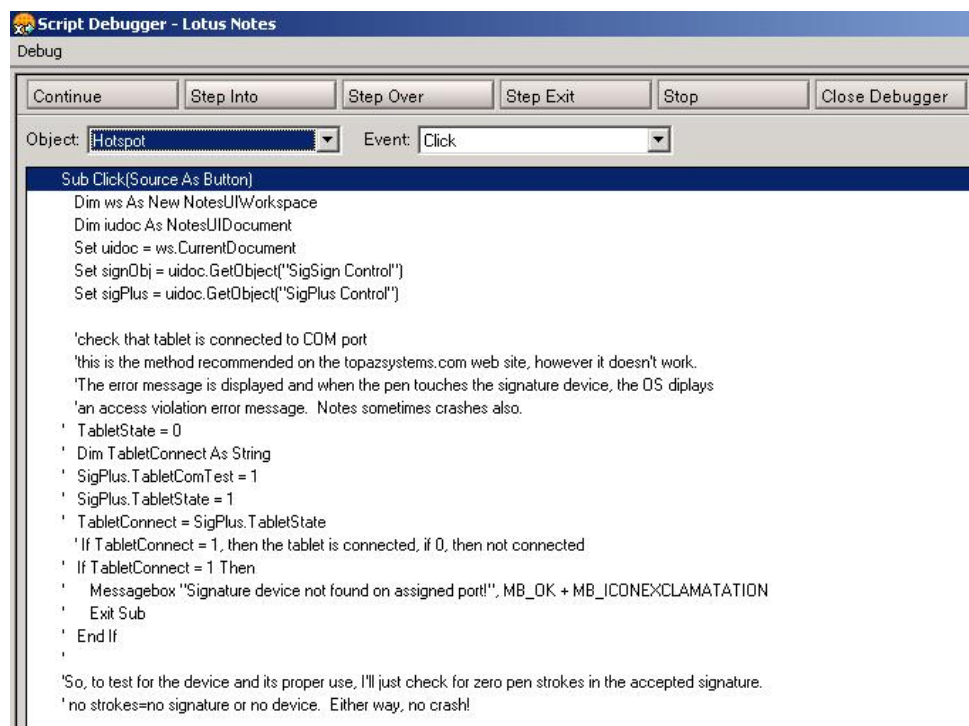
Before you can view script for SigPlus in Lotus Notes you must make sure the debug mode is activated. To do that, go to File>Tools>Debug LotusScript as shown below. Make sure that the option Debug LotusScript is checked.



Save the Sample Signature Capture Form by clicking the “Save” button above. Now click the “Edit Document” button to bring up the debugger.



Click the “Step Into” button to view the code. The two events of interest are the objects “Signature Capture (Subform),” and “Hotspot.”

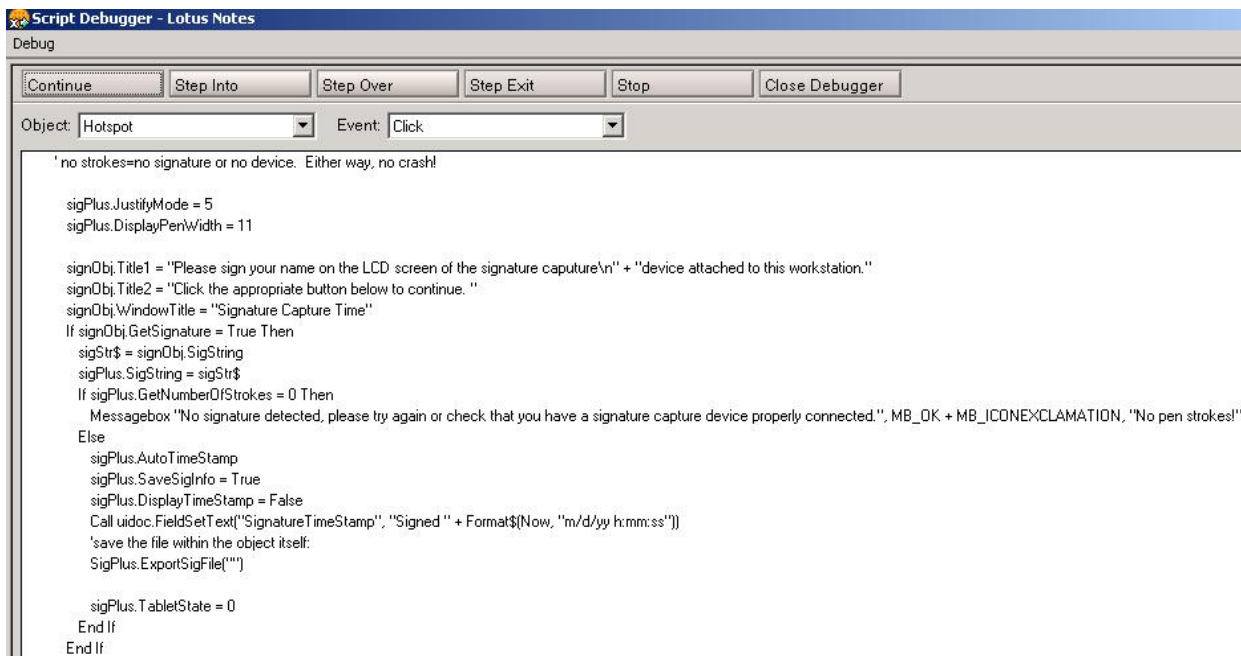


The first section of Hotspot click event above (previous page) code checks for whether the pad is connected. We suggest using the following code instead (Note code above is commented out):

```
TabletState = 0
TabletComTest = False
TabletComTest = True
TabletState = 1
```

```
If TabletState = 1 then
    'Tablet is plugged in, add code here.
End If
```

```
TabletComTest = False
```



The screenshot shows the Script Debugger interface for Lotus Notes. The title bar reads "Script Debugger - Lotus Notes". Below the title bar is a "Debug" section with buttons for "Continue", "Step Into", "Step Over", "Step Exit", "Stop", and "Close Debugger". The "Object" dropdown is set to "Hotspot" and the "Event" dropdown is set to "Click". The main area displays the following script code:

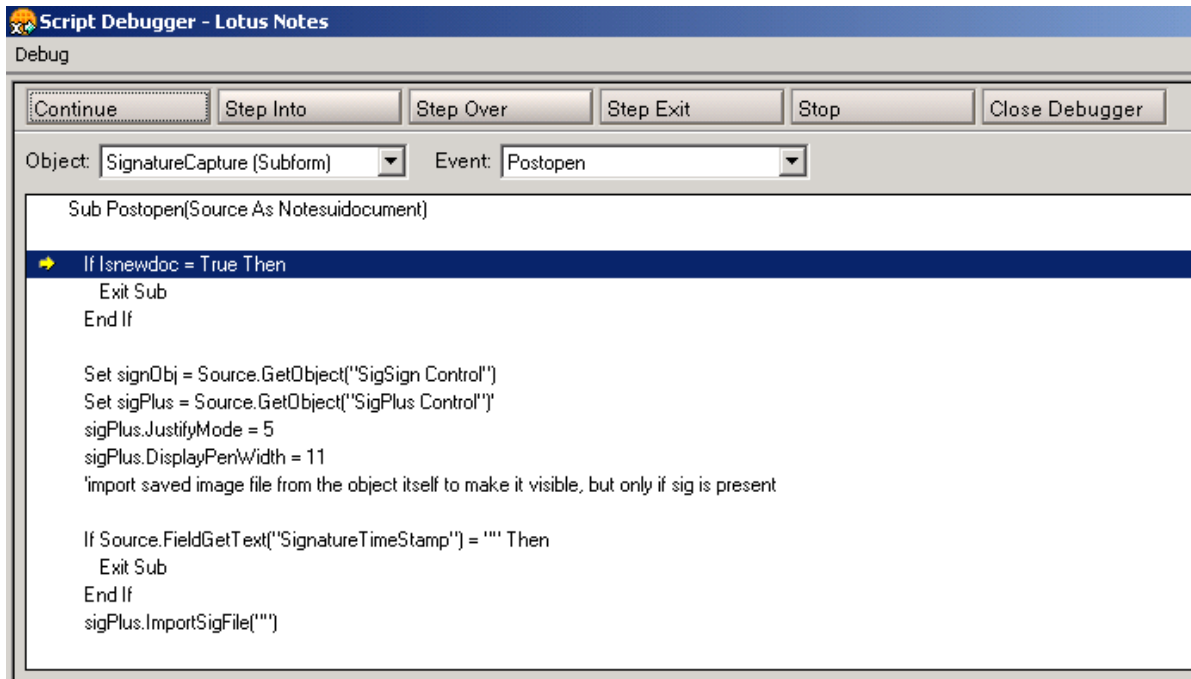
```
' no strokes=no signature or no device. Either way, no crash!

sigPlus.JustifyMode = 5
sigPlus.DisplayPenWidth = 11

signObj.Title1 = "Please sign your name on the LCD screen of the signature capture\n" + "device attached to this workstation."
signObj.Title2 = "Click the appropriate button below to continue."
signObj.WindowTitle = "Signature Capture Time"
If signObj.GetSignature = True Then
    sigStr$ = signObj.SigString
    sigPlus.SigString = sigStr$
    If sigPlus.GetNumberOfStrokes = 0 Then
        Messagebox "No signature detected, please try again or check that you have a signature capture device properly connected.", MB_OK + MB_ICONEXCLAMATION, "No pen strokes!"
    Else
        sigPlus.AutoTimeStamp
        sigPlus.SaveSigInfo = True
        sigPlus.DisplayTimeStamp = False
        Call uidoc.FieldSetText("SignatureTimeStamp", "Signed " + Format$(Now, "m/d/yy h:mm:ss"))
        'save the file within the object itself:
        SigPlus.ExportSigFile("")

        sigPlus.TabletState = 0
    End If
End If
```

The code on the page above, the second portion of the Hotspot click event, initializes SigPlus and prompts the user to sign in the appropriate window. The SigSign.GetSignature function call captures the signature. If the user clicks cancel SigSign.GetSignature return false and the code is bypassed. If it return true the signature is then assigned from SigSign object's SigString to the a string variable called SigStr. SigStr is then assigned to the SigPlus' SigString property, which is the final resting place of the signature in the Lotus Notes document. Next, it checks whether or not there is a signature by using GetNumberOfStrokes, and if there are no strokes, displays an error in a messagebox. Otherwise a time and date stamp is assigned to SigPlus, and also assigned to a field in the database called SignatureTimeStamp. Then the signature is stored away and turns the pad off.



The above code recalls a signature image from file and displays it in Lotus Notes. If it is a new signature or has no time and date stamp, it exits the subroutine. The time and date stamp is used to tell whether or not a signature is present. However, if it is not new, and it has a time and date stamp, the selection is formatted and displayed in Lotus Notes.

For more information regarding products and support, please visit the Topaz web site at <http://www.topazsystems.com>