

# How-To Guide HTML Basic Sign Demo

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### **Overview**

Welcome to the Topaz HTML Basic Sign Demo. This demonstration captures a signature, displays it in an Internet Explorer browser window, and returns it in another window. This is a demo only and should be used as a blueprint for creating your own signed HTML documents.

Download the demo at: <a href="http://www.topazsystems.com/Software/html\_basicsign.zip">www.topazsystems.com/Software/html\_basicsign.zip</a>

Also required: www.topazsystems.com/sigplusproactivex.html

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Begin by opening "basicsign.htm." You will see this screen below.

There are only 4 buttons you can use in this demo – "Sign", "Clear", "Done", and "Display" (2<sup>nd</sup> window). Below their functions are listed:

- 1. **Sign**: activates the tablet, allowing the program to accept signature data.
- 2. Clear: clears the tablet so fresh data can be acquired.
- 3. **Done**: exits the applications by navigating to another Internet Explorer web page to retrieve the hidden data field. If you click done without first signing, you will receive an error message and will not be allowed to proceed.
- 4. **Display:** re-displays the signature on a second we page.



Press "Sign" and sign your name (shown below). If you press "Clear," press "Sign" again to reactivate the tablet. Click "Done" after you are down signing.

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After clicking "Done", you will be taken to "basicsign\_display.htm" and see the screen at left.

Press button to re-display signature:

Press the "Display" button to re-display signature (shown at left).

Display

Ea Smith



## The Code

#### Form: The following code creates the buttons and also the hidden field.

<FORM id="SigForm" method="get" action="basicsign\_display.htm" name="SigForm"> <INPUT id="SignBtn" name="SignBtn" type="button" value="Sign" language="VBScript" onclick="OnSign"> <INPUT id="ClearBtn" name="ClearBtn" type="button" value="Clear" language="VBScript" onclick="OnClear"> <INPUT id="ClearBtn" name="ClearBtn" type="button" value="Clear" language="VBScript" onclick="OnClear"> <INPUT id="DoneBtn" name="DoneBtn" type="button" value="Done" language="VBScript" onclick="OnDone"> <INPUT id="Sighidden" name="sighidden" type="hidden" value=""> </FORM>

#### **Object**: The following code creates an instance of SigPlus.

```
<OBJECT classid="clsid:69A40DA3-4D42-11D0-86B0-0000C025864A" height="200" id="SigPlus1"
name="SigPlus1" style="HEIGHT: 200px; LEFT: 0px; TOP: 0px; WIDTH: 400px"
width="400" VIEWASTEXT>
<PARAM NAME="_Version" VALUE="131095">
<PARAM NAME="_ExtentX" VALUE="131095">
<PARAM NAME="_ExtentX" VALUE="1323">
<PARAM NAME="_ExtentY" VALUE="1323">
<PARAM NAME="_StockProps" VALUE="0">
```

#### Clear: clears the tablet so fresh data can be acquired.

Sub OnClear SigPlus1.ClearTablet

end Sub

Sign: activates the tablet, allowing the program to accept signature data.

Sub OnSign SigPlus1.TabletState = 1 end Sub

**Done**: Checks to see if you have written at least 20 points. If not you will receive an error message and will not be allowed to proceed. If there are more than 20 points, representing a valid signature, the signature is saved to the hidden field, which allows it to be sent on to the next page.

```
Sub OnDone

If SigPlus1.NumberOfTabletPoints > 20 Then

SigPlus1.TabletState = 0

SigPlus1.SigCompressionMode=1

SigForm.sighidden.value = SigPlus1.SigString

'hidden field now holds the signature...you can send it on to the next page

SigForm.Submit

Else

MsgBox "Please sign before continuing"

Exit Sub

End if

end Sub
```



#### HTML Basic Sign Demo How-To Guide

The code below is in charge of re-displaying the signature on the next page. First, it gets the sigstring and passes it to the variable passed. Then, it finds where in the string the "=" is (when the signature data is passed it includes the sighidden variable name, as in sighidden = 00112...) to filter out the title "sighidden =" so we end up only with the ascii sigString. We finally assign the sigString to the sigData.value on this page when the **Display** button is pushed.

```
var passed = location.search.substring(1)
var startPos = passed.indexOf("=", 0);
var finalsigstring = unescape(passed.substring(startPos+1,passed.length))
document.formname.SigData.value=finalsigstring;
function LoadSig() {
    SigPlus1.SigCompressionMode=1;
    SigPlus1.DisplayPenWidth=6;
    SigPlus1.JustifyMode=5;
    SigPlus1.JustifyX=10;
    SigPlus1.JustifyY=10;
    SigPlus1.SigString=document.formname.SigData.value;
}
```