

Re: Avoid loading images – Avoid sounds

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2007-09/msg00102.html>

- *From:* "Paul Randall" <paulr901@xxxxxxxxxxxxx>
 - *Date:* Mon, 3 Sep 2007 21:17:32 -0600
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"McKirahan" <News@xxxxxxxxxxxxx> wrote in message
news:xpadnXXKrrISXEHbnZ2dnUVZ_saknZ2d@xxxxxxxxxxxxx

"Chris L." <diversos@xxxxxxxxxx> wrote in message
news:1188852551.900837.236710@xx

Hello,

I'm writing automation scripts in VBA and VBS to use IE6 to retrieve data from web sites.

I create an instance of IE (or sometimes connect to one instance already open) and send it commands to navigate to URLs, and retrieve the data contained in tables etc.

My questions (so far) are:

1) How do I avoid the loading of images? (Ideally the user should be able to browse normally while my script runs, this means: if the solutions involves the "display images" option, can it be set to OFF in one instance without affecting other IE instances?)

2) How to disable the clicking that happens when IE starts navigation? (again, disabling it in Control Panel shouldn't affect other instances, ideally)

"... automation scripts in ... VBS ... to retrieve data from web sites."

Have you consider just fetching the page's source without using a browser? Consider the following script which saves the source of any URL into a file called "Fetched.vbs" in the current directory.

```
Option Explicit
'*
Const cVBS = "Fetched.vbs"
```

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```
Const cTXT = "Fetched.txt"
Const cURL = "http://www.google.com"
'*=
Dim strDIR
strDIR = WScript.ScriptFullName
strDIR = Left(strDIR,InStrRev(strDIR,"\"))
Dim strOUT
strOUT = strDIR & cTXT
Dim strURL
strURL = Trim(InputBox("Enter a URL.",cVBS.cURL))
If strURL = "" Then WScript.Quit
MsgBox Fetch(strURL,strOUT),vbInformation,cVBS

Function Fetch(sURL,sOUT)
On Error Resume Next
Err.Clear
'*=
Const adSaveCreateOverWrite = 2
Const adTypeBinary = 1
Const adTypeText = 2
'*=
Dim objXML
Set objXML = CreateObject("MSXML2.ServerXMLHTTP.3.0")
Set objXML = CreateObject("Microsoft.XMLHTTP")
objXML.Open "GET", sURL, False
objXML.Send
Dim strXML
strXML = objXML.ResponseBody
If Err.Number <> 0 Or objXML.Status <> 200 Then
Fetch = False
Exit Function
End If
Set objXML = Nothing
'*=
Dim objADO
Set objADO = CreateObject("ADODB.Stream")
objADO.Type = adTypeBinary
objADO.Open
objADO.Write strXML
objADO.SaveToFile sOUT, adSaveCreateOverWrite
Set objADO = Nothing
Fetch = Err.Number = 0
End Function
```

I agree with you fully when you know that the data you are looking for comes directly from that URL. It bypasses the downloading of unnecessary stuff like pictures, popup, etc. VBScript can quickly and easily extract the info from the file you save from the stream. There are cases where you are redirected to some other URL which actually contains the info of interest. I haven't found a reliable way to handle this with without letting the

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browser do the redirection.

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