

Re: InternetReadFileEx

Source: <http://www.tech-archive.net/Archive/VB/microsoft.public.vb.winapi/2006-04/msg00263.html>

- *From:* JonWayn <JonWayn@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 25 Apr 2006 01:26:02 -0700
-

Thanks, but it fails, returning error #6 to the debug window. What is the interpretation of that error?

"Mike D Sutton" wrote:

Anybody here knows how to successfully use InternetReadFileEX. In particular the settings for the INTERNET_BUFFERS structure properties: This structure has an embedded INTERNET_BUFFERS property. What are the possible settings for this?

Try something like this:

```
Private Declare Function InternetReadFileEx Lib "WinINet.dll" Alias  
"InternetReadFileExA" (_  
ByVal hFile As Long, ByVal lpBuffersOut As INTERNET_BUFFERS, _  
ByVal dwFlags As Long, ByVal dwContext As Long) As Long
```

```
Private Type INTERNET_BUFFERS  
dwStructSize As Long  
Next As Long  
lpaszHeader As Long ' LPCTSTR  
dwHeadersLength As Long  
dwHeadersTotal As Long  
lpvBuffer As Long ' LPVOID  
dwBufferLength As Long  
dwBufferTotal As Long  
dwOffsetLow As Long  
dwOffsetHigh As Long  
End Type
```

```
Const WININET_API_FLAG_ASYNC As Long = &H1 ' Force async operation  
Const IRF_ASYNC As Long = WININET_API_FLAG_ASYNC
```

Re: InternetReadFileEx

....

```
Const BufLen As Long = 1024
```

```
Dim hNetFile As Long  
Dim OutBuffer As INTERNET_BUFFERS  
Dim Buffer(0 To BufLen - 1) As Byte
```

```
' Open file  
hNetFile = InternetOpenUrl( ... )  
If (hNetFile) Then  
' Set up return buffer structure  
OutBuffer.dwStructSize = Len(OutBuffer)  
OutBuffer.dwBufferLength = BufLen  
OutBuffer.lpvBuffer = VarPtr(Buffer(0))  
  
' Attempt to read first chunk from file  
If (InternetReadFileEx(hNetFile, OutBuffer, IRF_ASYNC, 0&)) Then  
Do While OutBuffer.dwBufferLength > 0  
' Do something with this buffer (0 to OutBuffer.dwBufferLength -  
1 bytes)  
Call InternetReadFileEx(hNetFile, OutBuffer, IRF_ASYNC, 0&)  
Loop  
Else  
Debug.Print "InternetReadFileEx error: " & CStr(Err.LastDllError)  
End If  
End If
```

```
' Close file  
Call InternetCloseHandle(hNetFile)  
***
```

Don't try and use the Unicode version of the function, it seems that it's not implemented and will simply fail if you try.
Hope this helps,

Mike

– Microsoft