

Re: Pls Help with empty Print Preview

Source:

http://www.tech-archive.net/Archive/InetSDK/microsoft.public.inetsdk.programming.webbrowser_ctl/2005-02/0204.

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Date: Fri, 25 Feb 2005 11:47:25 -0700

ok..have deleted the GlobalFree....it's interesting because I copied the code directly from the MSDN article :)

So it doesn't crash, but now it's broken a different part of the code :(

After the document is loaded we execute some JS to finish any last minute changes in the html (ie set the default date). If I use document->write then I can InvokeScript, if I use the Stream I can't - it cant find the script...GetIDOfName cant find the javascript function, however, view source shows it's there. I have checked both calling Invoke...from OnNavComplete and from a handler for window.external.onLoad (which is called in ondocumentready). Below is the InvokeScript Call:

```
HRESULT InvokeScript(LPCOLESTR lpszName, VARIANT* pvarParam1 = NULL,
VARIANT* pvarRet = NULL) {
    CComPtr<IHTMLDocument2> pDocument; m_pBrowser->get_Document( (LPDISPATCH
*) &pDocument );
    CComPtr<IDispatch> spDisp; pDocument->get_Script(&spDisp);
    CComDispatchDriver dd(spDisp);
    if (pvarParam1 == NULL)
        return dd.Invoke0(lpszName, pvarRet);
    else
        return dd.Invoke1(lpszName, pvarParam1, pvarRet);
}
```

```
HRESULT Invoke0(LPCOLESTR lpszName, VARIANT* pvarRet = NULL) throw(){
    HRESULT hr;
    DISPID dispid;
    hr = GetIDOfName(lpszName, &dispid);
    if (SUCCEEDED(hr))
        hr = Invoke0(dispid, pvarRet);
    return hr;
}
```

BTW, whether or not the memory should be moveable is up for argument whether or not it's necessary as it appears to be a hangover from win16 as discussed here:<http://groups-beta.google.com/group/microsoft.public.win32.programmer.k>

ernel/browse_frm/thread/356132bb1e8d37e8/a18ac6924c804a36?q=CreateStreamOnHG
lobal+group:microsoft.public.*&_done=%2Fgroups%3Fas_q%3DCreateStreamOnHGloba
l%26safe%3Dimages%26as_ugroup%3Dmicrosoft.public.*%26lr%3D%26hl%3Den%26&_don
eTitle=Back+to+Search&&d#a18ac6924c804a36

Peter

"Igor Tandetnik" <itandetnik@myps.org> wrote in message
news:OfmiKN1GFHA.2276@TK2MSFTNGP15.phx.gbl...
> *"Peter Carlson"* <peter@__N.O.S.P.A.M__howudodat.com> wrote in message
> news:%23EFTr11GFHA.2276@TK2MSFTNGP15.phx.gbl
>> *1. OnNavComplete is called again after pPersistStreamInit->Load.*
>> *How can I determine if the nav is from the Load() or from the*
>> *Navigate()? I can bandaid it with my own BOOL variable since I know*
>> *the states, and in this app it's fine, but that's not very portable.*
>
> *What do you mean, not portable? Not portable between what platforms?*
>
> *IPersistStreamInit::Load is an asynchronous operation. MSHTML treats it*
> *as a regular navigation request and fires full complement of events,*
> *including NavigateComplete2 and DocumentComplete.*
>
>> *2. GlobalFree() crashes...any idea why? I must not be releasing*
>> *something.*
>>
>> *void Write2(CString &strHtml) {*
>> *IStream* pStream = NULL;*
>> *HGLOBAL hHTMLText = GlobalAlloc(GPTR, strHtml.GetLength() + 1);*
>
> *The documentation for CreateStreamOnHGlobal is clear: "The handle must*
> *be allocated as movable and nondiscardable". GPTR implies GMEM_FIXED.*
>
>> *HRESULT hr = CreateStreamOnHGlobal(hHTMLText, TRUE, &pStream*
>> *);*
>
> *Since you pass TRUE as the second parameter of CreateStreamOnHGlobal,*
> *you pass the ownership of the handle to the stream object. You should*
> *not GlobalFree it, you just need to release the stream.*
> --
> *With best wishes,*
> *Igor Tandetnik*
>
> *With sufficient thrust, pigs fly just fine. However, this is not*
> *necessarily a good idea. It is hard to be sure where they are going to*
> *land, and it could be dangerous sitting under them as they fly*
> *overhead. -- RFC 1925*
>
>