

Re: The mystery of landscape printing

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Date: 22 Jul 2004 05:44:26 -0700

"Igor Tandetnik" <itandetnik@myps.org> wrote in message
news:<ON\$\$jj1bEHA.796@TK2MSFTNGP09.phx.gbl>...
> "Andrew Mayo" <ajmayo@my-deja.com> wrote in message
> news:2b20cd9f.0407210806.4d257137@posting.google.com
>> Bug of the week is
>> this...
>>
>> `wbrowser.navigate` <*some_url*>
>> set `hdoc=wbrowser.document` 'aarrggh, bad bug coming up
>
> This is not a bug in IE, this is a bug in your code. Navigate method is
> asynchronous – it returns as soon as the navigation operation starts,
> but before it is complete. You only get a valid new document after
> `NavigateComplete2` event fires.
>

Well, that's interesting. At first I thought 'how stupid of me to miss that'. But when I carefully re-read the documentation I can see, on rereading it, that you *could* maybe construe it this way but I am guessing most people expect that once a navigate request has been made, the document reference will be to the new document (albeit an empty new document at this stage), which will then be populated asynchronously. In other words we all know that the document's CONTENTS will be asynchronously populated but I think most users of the browser control would think that the COM reference to the document property was valid after navigate returned, even though the actual CONTENTS of the document have not yet been fully loaded.

(and in fact, why this wouldn't be true I can't imagine. Why on earth Microsoft did this escapes me)

To quote from `Navigate2`'s documentation

QUOTE

The document might still be downloading (and in the case of HTML,

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images might still be downloading), but at least part of the document has been received from the server, and the viewer for the document has been created.

UNQUOTE

Now I would read this as saying that some HTML has now been loaded, not that the object reference itself is not valid until this event fires.

Nor does the documentation on the Navigate method indicate that a subsequent reference to the document property may not be valid AT ALL until Navigate2 fires