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Subject: How to display html-files  
Posted by [michael](#) on Fri, 18 May 2007 11:08:42 GMT  
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Is there a web widget for displaying a html-file? If no, what do you use for displaying a html-file?

Michael

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Subject: Re: How to display html-files  
Posted by [mirek](#) on Sat, 19 May 2007 09:16:02 GMT  
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No, sorry, this one is missing (until somebody implements it).

Mirek

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Subject: Re: How to display html-files  
Posted by [cdoty](#) on Tue, 29 Apr 2008 22:00:26 GMT  
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michael wrote on Fri, 18 May 2007 06:08: Is there a web widget for displaying a html-file? If no, what do you use for displaying a html-file?

HTMLLayout (<http://www.terrainformatica.com/htmlayout/>) works under U++, using a DHCtrl as the base object. I think it's Windows only, though. The only issue I had is using it as a Tab. You have to manually turn on and off rendering, as the tab is selected/unselected. This is done by not calling HTMLLayoutProcND in the windows message proc. And, during the OPEN state, you have to block every message except WM\_CREATE, or it will overwrite the active tab.

The only issue I had was the creation of a scroll bar that wouldn't go away, or respond to mouse clicks or moves. I even attempted to redirect mouse message to the control, but it didn't work.

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Subject: Re: How to display html-files  
Posted by [emr84](#) on Wed, 30 Apr 2008 23:31:57 GMT  
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Maybe creating a plugin from gecko? (<http://www.mozilla.org/projects/embedding/>)

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Subject: Re: How to display html-files  
Posted by [mirek](#) on Wed, 07 May 2008 19:34:01 GMT

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webkit.org

Mirek

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**Subject: Re: How to display html-files**  
Posted by [mrjt](#) on Thu, 08 May 2008 08:35:32 GMT  
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luzr wrote on Wed, 07 May 2008 20:34webkit.org

It looks like a lot of work, I believe you would have to port most/all of these files to Upp. Then there is the issue of maintaining it with current WebKit version. The Qt version is based on a 6 month old fork for instance and they have considerable resources.

Gecko may actually be easier to create a loose/lightweight wrapper for (if you can get your head around their XPCOM interface) as I believe the rendering is done internally, especially if you can keep most of the source precompiled into a .lib/.dll.

It's quite possible I'm entirely wrong about this though - I'm certainly not an expert - but I thought I'd share what I knew.

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**Subject: Re: How to display html-files**  
Posted by [unodgs](#) on Thu, 08 May 2008 10:07:15 GMT  
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mrjt wrote on Thu, 08 May 2008 04:35luzr wrote on Wed, 07 May 2008 20:34webkit.org

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Qt guys already have synced the newest webkit which will be available in qt 4.5. I think webkit is better as it seems to be more lightweight and developed much quicker than gecko. Probably cost of first port is quite big, but cost of maintaing it should be a way smaller. Anyway if I had free time I would port it Unfortunatly there are many things in a queue to be done first (new version of gridctrl, documentation for it, I have some ideas for quicktabs, then I would like to port them to our 2 docking systems (I guess it's time to choose one), I'd like to also fix code assist and file window

font height problem, create upp demo application and so on )

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Subject: Re: How to display html-files

Posted by [mrjt](#) on Thu, 08 May 2008 13:33:08 GMT

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unodgs wrote on Thu, 08 May 2008 11:07

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I might have a look at it myself, I need a project . No promises though, as you say it's quite a lot of work. Or we could try and get some sort of group effort going.

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Subject: Re: How to display html-files

Posted by [Sc0rch](#) on Thu, 16 Jul 2009 15:10:43 GMT

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I'm not professional programmer, so I'm sorry for my stupid questions (and for my English). Can somebody help me with advice or code-snippet how to create a HTMLLayout control using DHCtrl? I'm getting many errors, probably I haven't modified GLCtrl correctly.

Best regards,  
Anton

### File Attachments

1) [HTMLLayout.rar](#), downloaded 449 times

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Subject: Re: How to display html-files

Posted by [mrjt](#) on Fri, 17 Jul 2009 09:07:49 GMT

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That package isn't enough for me to help you, even after downloading the SDK there are missing dependancies, include files etc. It would take me quite a while to set everything up to compile it.

What errors are you getting?

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Subject: Re: How to display html-files

Posted by [Sc0rch](#) on Fri, 17 Jul 2009 12:49:53 GMT

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Stupid errors, I fixed them. But application crashes now => too tired for analyzing and also I have another work.

to mrjt: thank you, James, you always try to help. At least I'm trying to convert sample win32-application (HTMLLayout sample) to DHCtrl, as you see. But I've not realized:

- 1) how to get HINSTANCE in DHCtrl or Upp?
- 2) how to deal with resources... just include "resource.h" files? Probably, application crashes because I'm not loading resources using GetHTMLResources (as in sample). But to use this function I need to get HINSTANCE variable.

P.S. HTMLLayout is amazing, but there are htmls in my collection which it can't render fast (or even normal). But if someone can help with layout, it will be great to see and hear. I think, this topic very actual.

P.P.S. I've attached the my code (I'm sorry, it's quick and dirty, =( ) and original sample, if it can be useful.

Best regards,  
Anton

#### File Attachments

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1) [HTMLLayout.rar](#), downloaded 446 times

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Subject: Re: How to display html-files

Posted by [Sc0rch](#) on Fri, 17 Jul 2009 13:33:52 GMT

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Ok, I have found AppGetHandle() function (maybe, GetAppHandle() will look better, what do you think?), and now application not crashes.

Added: yes, I receive rendering.

Added: rendering layout ignores mouse, what I've foggot?

#### File Attachments

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1) [HTMLLayout.rar](#), downloaded 476 times

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Subject: Re: How to display html-files

Posted by [scorpionfirevn](#) on Mon, 22 Feb 2010 13:36:19 GMT

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Quote:Added: rendering layout ignores mouse, what I've foggot?

Hi, i want to write a wrapper class for HTMLLayout(or MSHTML) and i have the same problem. And i find out that the override function WindowProc of DHCtrl dont catch messages from keyboard

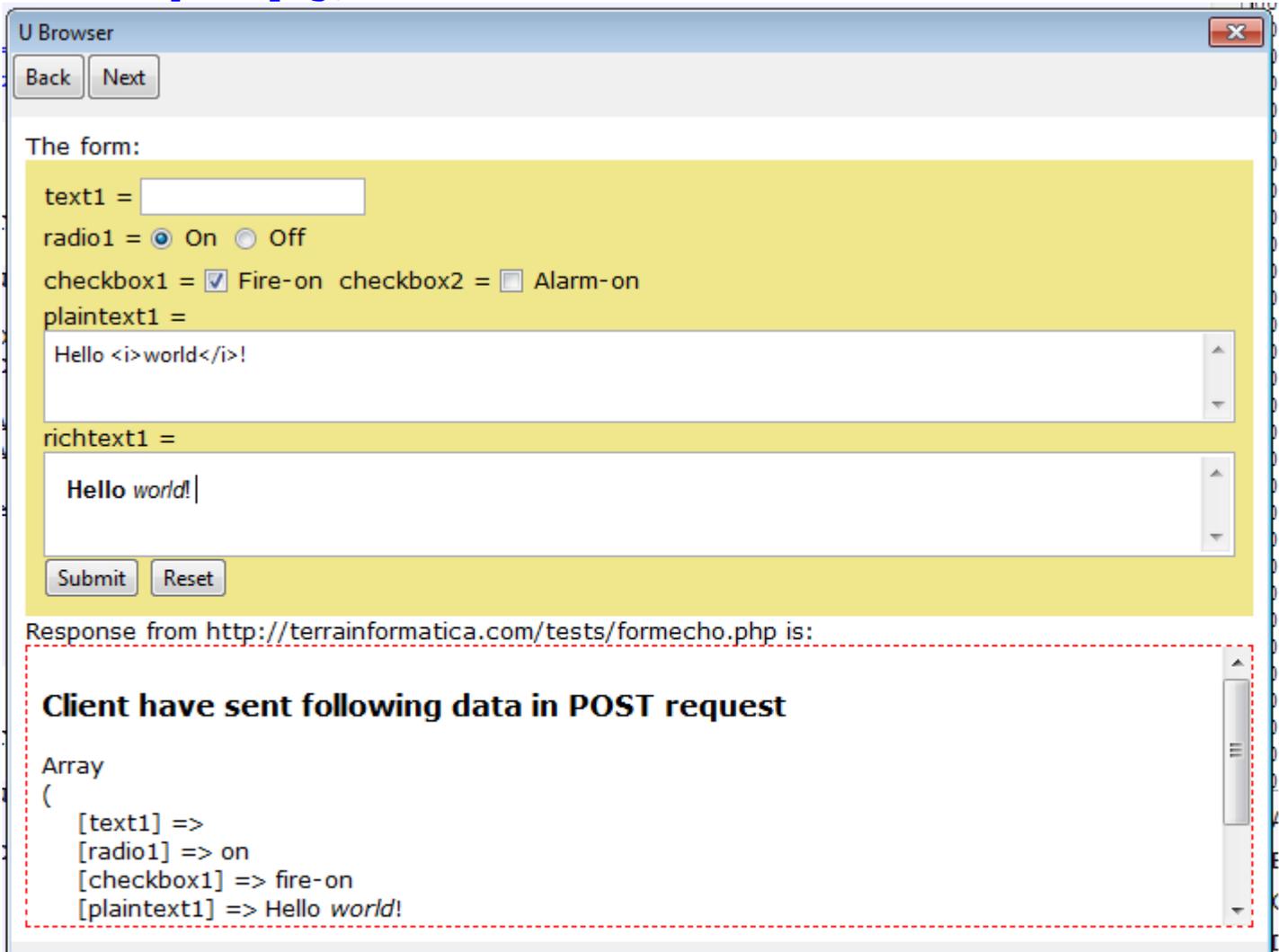
and mouse, then the function HTMLLayoutProcND(in HTMLLayout) dont receive any message to be able to handle like focus on the textbox, selecting text...

You can pass this problem with the implementing of MouseEvent in this control and call function HTMLLayoutProcND with parameters which you must convert from MouseEvent parameters. Make the same with keyboard events. Right now my HTMLLayout ctrl works but does not finish.

I think InstallMouseHook and InstallKeyboardHook work too. But i am not sure that is there a way to catch all events from override function WindowProc, that is better way.

## File Attachments

1) [HTMLLayout.png](#), downloaded 505 times



Subject: Re: How to display html-files  
Posted by [mirek](#) on Fri, 26 Feb 2010 14:23:48 GMT  
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Interesting.

Mirek

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