Subject: ChromiumBrowserExample error at compile
Posted by forlano on Mon, 27 Aug 2018 21:54:42 GMT

Hello,

I was trying this package with Visual Studio 2017.
I followed all instructions... but I have installed and tried to compile the 64 bit version both on MVS and theide.
I have compiled with success under MVS and I was able to run the cefclient.

The problem arose when compiling with theide (x64). These are the error messages (it is in Italian but I hope it can be understood). It complains about OVERRIDE:

c:\upp\bazaar\chromiumbrowser\ClientHandler.h (90): error C3668:
'ClientHandler::OnConsoleMessage': il metodo con identificatore di override 'override' non ha eseguito l'override di alcun metodo delle classi di base
c:\upp\bazaar\chromiumbrowser\ClientHandler.h (90): error C3668:
'ClientHandler::OnConsoleMessage': il metodo con identificatore di override 'override' non ha eseguito l'override di alcun metodo delle classi di base
c:\upp\bazaar\chromiumbrowser\ClientHandler.h (90): error C3668:
'ClientHandler::OnConsoleMessage': il metodo con identificatore di override 'override' non ha eseguito l'override di alcun metodo delle classi di base

Any idea?
Thanks,
Luigi

Subject: Re: ChromiumBrowserExample error at compile
Posted by forlano on Wed, 29 Aug 2018 18:56:12 GMT

I was able to compile ed execute the program (it was necessary to remove the keyword OVERRIDE in OnConsoleMessage(...) function (I hope this fix has no drawback).

However nothing works... or at least the url field does not process it and no page are loaded and showed.
Does anybody how it is supposed to work suche example?

Thanks,
Luigi

File Attachments

Subject: Re: ChromiumBrowserExample error at compile
Posted by Zbych on Sun, 02 Sep 2018 09:54:22 GMT
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Hello Luigi,
1. regarding OnConsoleMessage, CEF changes its API from time to time and if you get "override" warning or error, it means than functions parameters no longer match API and it needs to be updated. I will take a look and update it.
2. regarding white page area - make sure that all CEF files are copied to your destination directory and try to compile test application in release mode. There is some bug that prevents CEF from working in debug mode and I haven't found a solution yet.

Subject: Re: ChromiumBrowserExample error at compile
Posted by forlano on Sun, 02 Sep 2018 19:59:15 GMT
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Hi Zbych,

thanks for the answer.

I performed the compilation in release mode and I think to have all CEF files in the destination folder.

Perhaps the blank page is the result of my previous fix.

Best regards,
Luigi

File Attachments

Subject: Re: ChromiumBrowserExample error at compile
Posted by Zbych on Tue, 04 Sep 2018 07:54:38 GMT
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Hello Luigi,

I've compiled exactly the same CEF version as you have and it works. Please make sure that you compile test application in release mode and use files from "release" directories.

List of files:

I made an archive with all needed files and chromiumbrowserexample
  https://drive.google.com/file/d/1WLK93hAkWMLy4N7JAHqsmeE5avS uHgZ0/view?usp=sharing

File Attachments
1) file_list.png, downloaded 1020 times

Subject: Re: ChromiumBrowserExample error at compile
Posted by Zbych on Tue, 04 Sep 2018 08:08:27 GMT
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When I try to run CEF in debug mode it looks exactly like in your picture and there is message in debug.log:

[0904/100200.169:FATAL:scoped_com_initializer.cc(33)] Check failed:
((HRESULT)0x80010106L) != hr_ (-2147417850 vs. -2147417850)Invalid COM thread model change
[0904/100200.179:VERBOSE1:node.cc(439)] Observing lost connection from node
FCBAD2A60A1D426E.E7332D5EC813F6CF to node 706089DCC5A53A87.D10E83B69B119B88
   [0904/100200.179:VERBOSE1:browser_gpu_channel_host_factory.c c(145)] Failed to create channel on existing GPU process. Trying to restart GPU process.

I got rid of this error by uninitializing COM in child processes. Unfortunately picture is still white and there is another assertion in log:

  [0904/163239.008:FATAL:dwrite_font_proxy_init_impl_win.cc(88)] Check failed:
fallback_available == base::win::GetVersion() > base::win::VERSION_WIN8 (1 vs. 0)

I hope this thread will help me to solve the problem:
http://magpcss.org/ceforum/viewtopic.php?f=6&t=14721

Subject: Re: ChromiumBrowserExample error at compile
Posted by forlano on Tue, 04 Sep 2018 20:03:44 GMT
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It Works! 8) :lol:

I have missed the file

v8_context_snapshot.bin

After restoring it the program in release mode works OK.
By the way, that file is absent in the bazaar page:
 https://www.ultimatepp.org/src$ChromiumBrowser$ChromiumBrows er$en-us.html
Perhaps you can update it.
Your bin files are very useful and could speed up the test of this fantastic control.

Thanks and best regards,
Luigi

Subject: Re: ChromiumBrowserExample error at compile
Posted by Zbych on Wed, 05 Sep 2018 08:22:53 GMT
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Hi Luigi,

I decided to remove files list from documentation, because the list changes from time to time. The easiest solution is to copy all files (excluding *.lib and *.a) from Release (or Debug) and Resources directories.
I added also manifest file to ChromiumBrowserExample and now it is possible to run application in Debug mode.