
Subject: ChromiumBrowserExample error at compile
Posted by [forlano](#) on Mon, 27 Aug 2018 21:54:42 GMT

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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

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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.

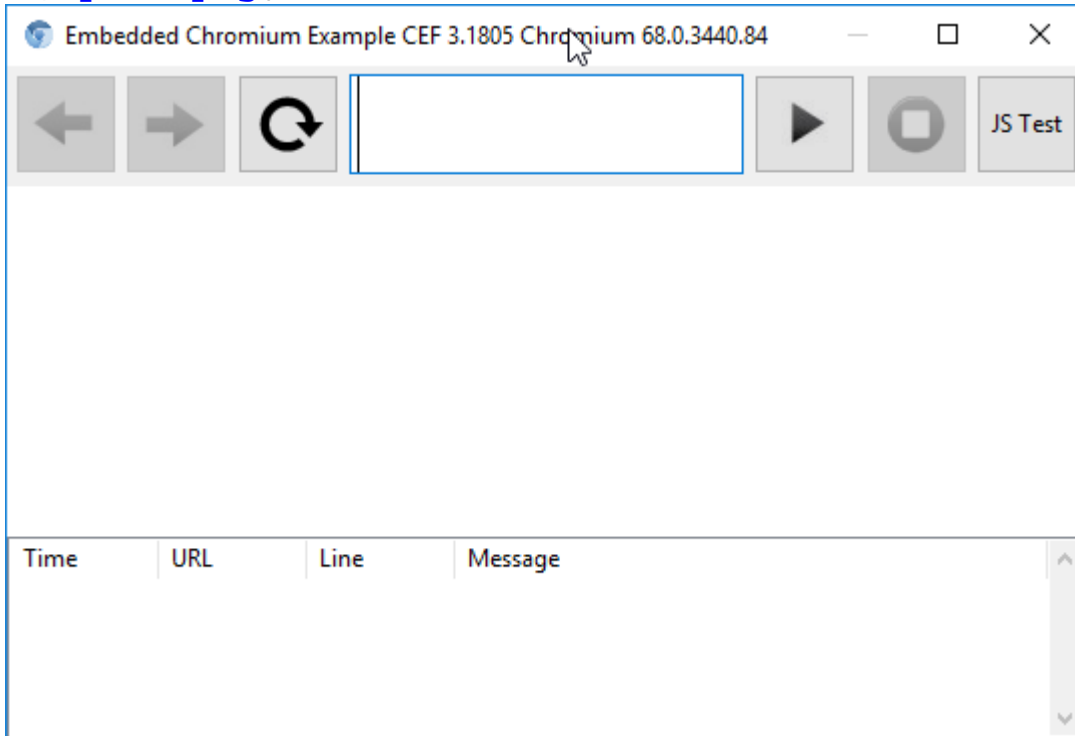
Does anybody how it is supposed to work suche example?

Thanks,

Luigi

File Attachments

1) [pic1.png](#), downloaded 1004 times



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 that 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

1) [file.png](#), downloaded 1030 times

 html	:
 locales	:
 cef.pak	(
 cef_100_percent.pak	(
 cef_200_percent.pak	(
 cef_extensions.pak	(
 chrome_elf.dll	(
 ChromiumBrowserExample.exe	(
 d3dcompiler_43.dll	(
 d3dcompiler_47.dll	:
 devtools_resources.pak	(
 icudtl.dat	(
 libcef.dll	(
 libEGL.dll	(
 libGLv2.dll	(
 natives_blob.bin	(
 snapshot_blob.bin	(

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 1097 times

Name	Date modified	Type	Size
 locales	04/09/2018 09:44	File folder	
 swiftshader	04/09/2018 09:44	File folder	
 cef.pak	03/08/2018 18:15	PAK File	3,637 KB
 cef_100_percent.pak	03/08/2018 18:44	PAK File	655 KB
 cef_200_percent.pak	03/08/2018 18:44	PAK File	749 KB
 cef_extensions.pak	03/08/2018 18:15	PAK File	1,731 KB
 chrome_elf.dll	03/08/2018 18:11	Application extens	506 KB
 ChromiumBrowserExample.exe	04/09/2018 09:41	Application	1,862 KB
 d3dcompiler_43.dll	03/08/2018 14:55	Application extens	2,057 KB
 d3dcompiler_47.dll	10/07/2018 05:04	Application extens	3,573 KB
 devtools_resources.pak	03/08/2018 18:11	PAK File	5,682 KB
 icudtl.dat	03/08/2018 15:30	DAT File	10,024 KB
 libcef.dll	03/08/2018 19:54	Application extens	83,372 KB
 libEGL.dll	03/08/2018 18:09	Application extens	87 KB
 libGLESv2.dll	03/08/2018 18:09	Application extens	3,975 KB
 natives_blob.bin	03/08/2018 18:15	BIN File	174 KB
 snapshot_blob.bin	03/08/2018 19:51	BIN File	1,215 KB
 v8_context_snapshot.bin	03/08/2018 19:53	BIN File	1,510 KB

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 uninitialized 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!

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\\$ChromiumBrowser-en-us.html](https://www.ultimatepp.org/src$ChromiumBrowser$ChromiumBrowser-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.
