
Subject: Win32 openssl updated to 3.2.1 version
Posted by [mirek](#) on Sun, 12 May 2024 12:04:18 GMT
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(should be tomorrow in nightly build)

Subject: Re: Win32 openssl updated to 3.2.1 version
Posted by [JeyCi](#) on Sat, 28 Sep 2024 10:47:04 GMT
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having myApp (was build 0.5 year ago with msys32) today I've got "download has failed. 403 forbidden" for my load from app to txt needed. I checked my loaded link/txt from browser - not forbidden, loaded manually OK. But from myApp created with UPP13644- I've got this error. I know that v.13644 version for win32 is no longer supported and I have no ability to use 64x-versions for my development. Perhaps, you can advise me to change something in the package "...\\upp 13664\\uppsrc\\Core\\SSL" - if my problem is exactly caused by the absence of new updates?? If something was changed in the web-protocol or how to say it correctly about changes? Or, perhaps only 64x-compiler (msys64) could help - but, unfortunately, it is not my case. Will wait your answer with hope :p what can help?

=====

in myApp I use simple function:

```
#include <Core/Core.h>
```

```
#include <Core/SSL/SSL.h>
```

using namespace Upp;

```
//===== get Http
```

```
String load_Url(String sUrl) {  
    HttpRequest reqApi(sUrl);  
    reqApi.KeepAlive(true);  
    reqApi.GET();  
    String s = reqApi.Execute();
```

```
    if(!reqApi.IsSuccess()) {  
        Cout() << "\n" +  
            (reqApi.IsError() ? reqApi.GetErrorDesc()  
                : AsString(reqApi.GetStatusCode()) + ' ' + reqApi.GetReasonPhrase() +  
                "\n");  
        exit(0);  
    }
```

```
    //reqApi.KeepAlive(false); //  
    reqApi.Close();
```

```
    return s;  
}
```

CONSOLE_APP_MAIN

```
{  
    StdLogSetup(LOG_COUT|LOG_FILE);  
    String s;  
    String fileName;  
    bool b;  
    s=load_Url("https://www.cmegroup.com/CmeWS/mvc/ProductCalendar/Future/58.json"); //LOG(s  
);  
    Cout() << "Value: " << s << "\n";  
    s="";  
}
```

=====

then I simply tried GuiWebDownload from reference with my link "
https://www.cmegroup.com/CmeWS/mvc/ProductCalendar/Future/58 .json" and got error :
"Download has failed. socket(824) / StartSSL: support (Core/SSL)"

=====

tried another time and got "Download has failed. socket(788) / StartSSL: Missing SSL support
(Core/SSL)"

=====

with another link " https://raw.githubusercontent.com/elmoallistair/datacamp/ref
s/heads/master/data-manipulation-with-pandas/datasets/temper atures.csv" -- same problem

=====

is it the problem of SSL-package ?? or 32x-compiler (msys32 MINGW) ?? Is there a way to
correct something?

Subject: Re: Win32 openssl updated to 3.2.1 version

Posted by [JeyCi](#) on Sat, 28 Sep 2024 17:30:31 GMT

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ok, I will try to compare my v13644 with existing version of uppsrc/Core/SSL - if it could help (if no
dependencies have some impact)... Thanks for the Source-code

Subject: Re: Win32 openssl updated to 3.2.1 version

Posted by [JeyCi](#) on Mon, 30 Sep 2024 06:57:51 GMT

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I had no success. Can somebody test this load-function on 64x to be sure, if my problem comes
from my old version of tool-chain [i686-w64-mingw32 with C++17] or perhaps my internet-provider
or internet itself is having some new security rules or new SSL certificate (as I know TLS is
already used as security certificate)

Subject: Re: Win32 openssl updated to 3.2.1 version

Posted by [mirek](#) on Mon, 30 Sep 2024 08:16:45 GMT

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Perhaps you can put together complete Core example of what you want to check? Glad to do it if you do...

Mirek

Subject: Re: Win32 openssl updated to 3.2.1 version

Posted by [Oblivion](#) on Mon, 30 Sep 2024 08:54:30 GMT

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Hi JeyCi,

If you get "Missing SSL support" (runtime) error. It is probably because you need to add the Core/SSL header to your file.

```
#include <Core/SSL/SSL.h>
```

Do you have the above header in your source file? IME, this was the problem with older toolchains in the past.

Best regards,

Oblivion

Subject: Re: Win32 openssl updated to 3.2.1 version

Posted by [JeyCi](#) on Mon, 30 Sep 2024 10:01:55 GMT

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applied simple test-case (edited in the message above). Thanks for care.

403 Forbidden.

So but I've got our UPP's forum link to this page (html) OK - to here "

https://www.ultimatepp.org/forums/index.php?t=msg&goto=60885&#msg_60885" with code above -- perhaps the problem is not in SSL-package, but in some additional security-measures to my needed link (mentioned above) ??

p.s.

csv with temperatures " <https://raw.githubusercontent.com/elmoallistair/datacamp/ref/s/heads/master/data-manipulation-with-pandas/datasets/temperatures.csv>" - is also OK. Perhaps really I should find the problem cause in something else [if nobody else can load my cmegroup.com link above - still being loaded ok in any Windows' browser], problem not in UPP. I like UPP :) . Thanks

Subject: Re: Win32 openssl updated to 3.2.1 version
Posted by [Oblivion](#) on Mon, 30 Sep 2024 11:07:16 GMT
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Quote:applied simple test-case (edited in the message above). Thanks for care.
403 Forbidden.

Shocked but I've got our UPP's forum link to this page (html) OK - to here "
https://www.ultimatepp.org/forums/index.php?t=msg&goto=60885&#msg_60885" with code
above -- perhaps the problem is not in SSL-package, but in some additional security-measures to
my needed link (mentioned above) ??

p.s.

csv with temperatures " <https://raw.githubusercontent.com/elmoallistair/datacamp/refs/heads/master/data-manipulation-with-pandas/datasets/temperatures.csv>" - is also OK. Perhaps
really I should find the problem cause in something else [if nobody else can load my
[cmegroup.com](#) link above - still being loaded ok in any Windows' browser], problem not in UPP. I
like UPP Smile . Thanks

Tested the above code you've provided and it works fine on Win10. (But I use the latest U++). So,
the package doesn't seem to be the problem here, possibly a configuration issue.

Best regards,
Oblivion

Subject: Re: Win32 openssl updated to 3.2.1 version
Posted by [JeyCi](#) on Mon, 30 Sep 2024 11:14:16 GMT
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Thanks, for testing..... (I just was working with my app with no problems and suddenly access
forbidden after several months of work -- therefore I'm not thinking about the configuration of app
or windows - nothing was changed -- perhaps, some security measures on this public server were
added, or just limited number of sockets for downloaders from it -- though such behaviour is taken
place for already 3rd day including week-ends). Thank you anyway.

Subject: Re: Win32 openssl updated to 3.2.1 version
Posted by [JeyCi](#) on Tue, 08 Oct 2024 14:46:59 GMT
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:o it is really working ! It was just occasional trouble (I don't know the reason) :d I'm still with U++
Thanks to everybody !
