
Subject: Re: Help Topic "Installing OpenSSL"
Posted by [lectus](#) on Mon, 31 Dec 2012 13:25:35 GMT
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Hello!

Thanks for this thread. To use SMTP with U++, OpenSSL is required.

I built the latest version (1.0.1c) following this method:

- 0) Install VC++ 2012 Express (you should already have it if you use U++)
- 1) Install ActivePerl.
- 2) Download <https://www.openssl.org/source/openssl-1.0.1c.tar.gz>
- 3) Extract openssl-1.0.1c.tar.gz with 7zip to C:\Temp\openssl-1.0.1c. Create a folder named C:\Temp\openssl-bin.
- 4) Open Start/Microsoft Visual Studio 2012/Visual Studio Tools/VS2012 x86 Native Tools Command Prompt (or x64 if you want it)
- 5) Type the commands:
Quote:cd C:\Temp\openssl-1.0.1c
perl Configure VC-WIN32 --prefix=c:/temp/openssl-bin/
ms/do_nt.bat
nmake -f ms/nt.mak

It seems the the openssl-bin folder was ignored despite the --prefix command. Anyway it doesn't matter.

- 6) Wait for it to build. This the static lib. To build as DLL you'd change ms/nt to ms/ntdll.

- 7) Create a MyApps/OpenSSL folder.

Copy C:\Temp\openssl-1.0.1c\inc32 to C:\MyApps\OpenSSL as C:\MyApps\OpenSSL\openssl

- 9) Copy C:\Temp\openssl-1.0.1c\out32 to C:\MyApps\OpenSSL as C:\MyApps\OpenSSL\lib

- 10) From the command prompt type the following commands:

Quote:cd C:\MyApps\OpenSSL\lib
del *.exe *.pdb
xcopy libeay32.lib libeay32mtd.lib
xcopy ssleay32.lib ssleay32mtd.lib

This will delete all exe and pdb files leaving only the required lib files. This will also create the debug libraries (I'm too lazy to build one and this works fine).

- 11) Open Thelide with the SMTP example. Go to Setup/Build Methods, select your MSC11 compiler configuration, add these paths:

INCLUDE: C:\MyApps\OpenSSL
LIB: C:\MyApps\OpenSSL\lib

- 12) Hit Ctrl-F5 to build and run the SMTP example. Test it. It works.