
New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/28 01:23

I would like to compile and build PokerTH but I am not sure where to begin.

I have read the forum and Wiki but still feel a little lost. I have a Windows XP Pro based system with Visual Studio Express 2005 and 2008, as well as Cygwin and an Apache22 Web development environment (built using the free Web.Developer Server Suite Community Edition from <http://sourceforge.net/projects/webdeveloper/>)

I noticed that Visual C++ is no longer supported and I am not quite sure of what is needed to use MinGW.

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Re:New to PokerTH and not sure where to begin.

Posted by lotodore - 2008/05/29 00:35

There are some scripts available which help you to compile PokerTH for Windows using mingw. See

http://sourceforge.net/project/showfiles.php?group_id=166634&package_id=268019

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Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/29 00:50

Thank you for your reply, I have downloaded and read the readme.txt file, I have the Cygwin version of mingw (cygwin/mingw) on my system, is there a way to use this version of mingw?

:unsure:

=====

Re:New to PokerTH and not sure where to begin.

Posted by lotodore - 2008/05/29 01:12

The script will download the proper mingw. Using cygwin might work, but you'll have to rewrite the script then, and you are on your own with that.

The script builds a native windows version. cygwin versions are usually "second choice" and only for the case that native versions are not available.

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Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/29 02:06

Thank you for all the help. I went ahead and am currently running the script and it is now downloading boost and bjam.

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Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/29 03:04

Everything downloaded and compiled without errors. However at the very end of the script I received the following Authentication error message:

server certificate for 'https://pokerth.svn.sourceforge.net:443'
The certificate is not issued by a trusted authority.

I selected p to permanently accept the certificate but no DLL files were copied.

I did not notice this until I tried to run the pokerth_build.cmd script.

Here is the end of the pokerth_download_libs.cmd script:

Everything is Ok

Folders: 27
Files: 241
Size: 15928535
Compressed: 5228208

Checking out latest PokerTH sources from svn
Error validating server certificate for 'https://pokerth.svn.sourceforge.net:443':

- The certificate is not issued by a trusted authority. Use the fingerprint to validate the certificate manually!
Certificate information:
- Hostname: *.svn.sourceforge.net
- Valid: from Tue, 09 Oct 2007 19:15:07 GMT until Mon, 08 Dec 2008 20:15:07 GMT

- Issuer: Equifax Secure Certificate Authority, Equifax, US
- Fingerprint: fb:75:6c:40:58:ae:21:8c:63:dd:1b:7b:6a:7d:bb:8c:74:36:e7:8a
(R)eject, accept (t)emporarily or accept (p)ermanently? p
svn: PROPFIND request failed on '/svnroot/pokerth/trunk/pokerth'
svn: PROPFIND of '/svnroot/pokerth/trunk/pokerth': Could not read status line: connection was closed by server (https://pokerth.svn.sourceforge.net)

Done checking out latest PokerTH sources

Copying DLLs
The system cannot find the path specified.
0 file(s) copied.
The system cannot find the path specified.
0 file(s) copied.
The system cannot find the path specified.
0 file(s) copied.

This script has finished. You may run the pokerth_build.cmd now

This is what alerted me to the problem:

```
C:\pokerth\pokerth_win32_build>pokerth_build.cmd C:\pokerth
PokerTH Win32 mingw build script version 1.0.
Copyright (C) 2008 Lothar May. License: GPL 2 or later
BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY
FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
```

Using "C:\pokerth" as base directory.

This script should be run AFTER pokerth_download_libs.cmd.

It will perform the following steps:
- Clean the current build of PokerTH
- Update the PokerTH sources from svn
- Build PokerTH from the sources

You may run this script again at any time, in case you wish to update your version.

Press Ctrl+c to abort.
The process will start if you press any other key.
Press any key to continue . . .

Checking for an installation of Qt
Make sure to run pokerth_download_libs.cmd BEFORE this script.
Also make sure that you use the same base directory for both scripts..

Re:New to PokerTH and not sure where to begin.

Posted by lotodore - 2008/05/29 10:27

I'm afraid I have no idea why this fails. Please open the pokerth_download_libs.cmd file with an editor (e.g. notepad) and replace the

<https://pokerth.svn.sourceforge.net/svnroot/pokerth/trunk/pokerth>

with

<http://pokerth.svn.sourceforge.net/svnroot/pokerth/trunk/pokerth>

and re-run the script. Please let me know whether this works for you. If it does, I'll change it in the released script.

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/29 13:49

I will make the change and re-run the script later today. The script takes about 2 to 3 hours to run.

It is odd that I can enter both of the URL's directly in the browser and have no problem/issue connecting to the svn trunk.

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/29 18:10

The pokerth_download_libs.cmd script completed without error after I made the change you suggested.

However, I now receive the following error after the pokerth_build.cmd script finishes.

```
c:\pokerth\mingw\bin\..\lib\gcc\mingw32\3.4.5\..\..\mingw32\bin\ld.exe: ca
nnot find -lcurl
collect2: ld returned 1 exit status
mingw32-make: *** Error 1
mingw32-make: Leaving directory `C:/pokerth/pokerth'
mingw32-make: *** Error 2
mingw32-make: Leaving directory `C:/pokerth/pokerth'
mingw32-make: *** Error 2
The system cannot find the file specified.
```

Done compiling PokerTH. Have a lot of fun!

Re:New to PokerTH and not sure where to begin.

Posted by lotodore - 2008/05/29 19:15

You should have a "curl" directory in the base build directory after running pokerth_download_libs.cmd. And in the subdirectory curl\lib there should be a libcurl.a file. If this is not the case, something went wrong with the pokerth_download_libs.cmd, maybe it was interrupted or something failed due to cygwin environment variables. It works fine on my system :-/

Edit: Did you start from the scratch after editing the script?

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/29 20:44

Yes I started from scratch after deleting the root dir.

Here is the contents of my c:\pokerth\curl\lib dir after everything finished.

There is no libcurl.a file.

A compressed file called curl-7.18.1.tar.bz2 was downloaded to the root c:\pokerth, however I only have WinZip and 7-Zip and cannot open it to look at the contents.

Volume in drive C is HP_PAVILION
Volume Serial Number is 9C20-D028

Directory of C:\pokerth\curl\lib

```
05/29/2008 02:32 PM      .
05/29/2008 02:32 PM      ..
02/28/2007 05:35 PM      2,058 amigaos.c
02/28/2007 05:35 PM      1,809 amigaos.h
12/20/2004 02:23 PM      3,873 arpa_telnet.h
11/05/2007 05:45 AM      9,691 base64.c
01/03/2007 07:04 PM      1,323 base64.h
05/29/2008 11:07 AM      241,801 base64.o
05/29/2008 11:07 AM          131 ca-bundle.h
02/28/2007 05:35 PM      3,942 config-amigaos.h
11/25/2006 09:07 AM      1,979 config-mac.h
10/22/2007 10:30 AM      12,578 config-os400.h
08/11/2007 04:51 PM      11,848 config-riscos.h
08/11/2007 04:51 PM      20,605 config-tpf.h
03/08/2008 06:11 PM      12,263 config-win32.h
03/08/2008 06:11 PM      11,214 config-win32ce.h
04/03/2007 04:15 PM      3,543 config.dos
03/27/2008 07:14 PM      19,926 config.h.in
02/07/2008 06:25 PM      26,828 connect.c
02/07/2008 06:25 PM      2,166 connect.h
11/24/2007 07:16 PM      12,056 content_encoding.c
11/24/2007 07:16 PM      1,649 content_encoding.h
01/31/2008 08:21 AM      30,577 cookie.c
01/31/2008 08:21 AM      4,028 cookie.h
05/29/2008 11:07 AM      258,505 cookie.o
03/29/2008 07:19 PM      11,690 curllib.dsp
06/14/2002 05:36 AM          539 curllib.dsw
03/29/2008 07:19 PM      8,899 curllib.vcproj
10/27/2006 03:23 AM      3,515 curlx.h
10/12/2007 04:49 PM      1,326 curl_ldap.h
12/08/2007 07:03 PM      8,019 dict.c
10/12/2007 04:49 PM      1,209 dict.h
03/20/2008 07:09 AM      30,623 easy.c
10/27/2006 03:23 AM      1,713 easyif.h
11/07/2007 05:21 AM      5,704 escape.c
04/07/2006 05:50 PM      1,259 escape.h
01/31/2008 08:04 AM      16,316 file.c
10/31/2007 06:11 AM      1,205 file.h
```

05/29/2008	11:07 AM	251,677 file.o
03/30/2008	05:00 AM	50,786 formdata.c
03/30/2008	05:00 AM	3,193 formdata.h
05/29/2008	11:07 AM	262,329 formdata.o
02/07/2008	06:25 PM	125,247 ftp.c
10/12/2007	04:49 PM	1,744 ftp.h
05/29/2008	11:07 AM	321,765 ftp.o
11/07/2007	05:21 AM	1,837 getenv.c
11/07/2007	05:21 AM	7,115 getinfo.c
01/07/2004	05:19 AM	1,268 getinfo.h
02/26/2008	07:45 AM	22,111 gtls.c
09/27/2007	07:38 AM	2,148 gtls.h
11/07/2007	05:21 AM	7,960 hash.c
06/26/2007	05:09 PM	3,180 hash.h
03/23/2008	07:02 AM	9,667 hostares.c
09/28/2007	05:48 PM	5,314 hostasyn.c
03/11/2008	06:55 PM	17,704 hostip.c
01/15/2008	06:44 PM	9,585 hostip.h
05/29/2008	11:07 AM	247,995 hostip.o
03/23/2008	07:02 AM	12,979 hostip4.c
11/07/2007	05:21 AM	8,538 hostip6.c
04/03/2007	04:15 PM	3,656 hostsyn.c
02/11/2008	09:08 AM	24,775 hostthre.c
03/30/2008	05:00 AM	90,620 http.c
10/12/2007	04:49 PM	3,609 http.h
05/29/2008	11:07 AM	290,159 http.o
01/31/2008	08:04 AM	12,721 http_chunks.c
02/21/2007	05:59 PM	3,692 http_chunks.h
01/10/2008	06:01 AM	14,682 http_digest.c
08/27/2007	09:01 AM	2,162 http_digest.h
03/01/2008	06:32 PM	10,919 http_negotiate.c
09/21/2007	07:18 AM	1,501 http_negotiate.h
11/05/2007	05:45 AM	34,577 http_ntlm.c
08/27/2007	09:01 AM	5,899 http_ntlm.h
11/07/2007	05:21 AM	3,375 if2ip.c
03/04/2006	06:39 PM	2,315 if2ip.h
05/26/2005	04:56 PM	1,585 inet_ntoa_r.h
11/07/2007	05:05 AM	5,915 inet_ntop.c
11/25/2005	06:20 PM	1,402 inet_ntop.h
11/07/2007	05:17 AM	6,312 inet_pton.c
11/28/2005	04:21 PM	1,452 inet_pton.h
01/15/2008	07:50 PM	11,830 krb4.c
07/01/2007	06:01 PM	2,948 krb4.h
08/08/2007	06:38 AM	7,970 krb5.c
11/24/2007	07:18 PM	20,270 ldap.c
11/09/2006	05:57 PM	3,974 libcurl.framework.make
04/18/2006	05:44 PM	931 libcurl.imp
03/30/2008	05:10 AM	792 libcurl.plist
01/25/2008	06:11 PM	2,201 libcurl.rc
01/16/2008	08:24 AM	3,981 llist.c
01/16/2008	08:24 AM	2,275 llist.h
03/20/2008	07:09 AM	5,767 Makefile.am
07/14/2005	04:52 AM	911 makefile.amiga
11/14/2004	09:48 AM	2,256 Makefile.b32
02/27/2007	06:12 PM	595 makefile.dj
03/27/2008	07:14 PM	28,787 Makefile.in
08/11/2007	04:51 PM	1,312 Makefile.inc
01/30/2008	07:12 PM	4,207 Makefile.m32
02/27/2008	04:55 AM	17,772 Makefile.netware
04/07/2005	05:07 PM	3,727 Makefile.riscos
02/28/2008	05:17 PM	16,553 Makefile.vc6
03/30/2008	05:10 AM	16,593 Makefile.vc8
12/09/2007	06:52 AM	20,956 Makefile.Watcom
11/07/2007	05:21 AM	11,874 md5.c
12/14/2004	09:38 PM	1,216 md5.h

11/07/2007 05:21 AM	8,186 memdebug.c
06/28/2007 04:11 PM	4,731 memdebug.h
10/06/2004 03:50 AM	1,839 memory.h
02/15/2008 05:28 AM	6,498 mk-ca-bundle.pl
11/20/2007 06:03 AM	30,548 mprintf.c
05/11/2004 03:54 AM	145 msvcproj.foot
10/02/2007 04:40 PM	3,744 msvcproj.head
03/20/2008 07:09 AM	71,300 multi.c
08/27/2007 09:01 AM	1,845 multiif.h
11/07/2007 05:21 AM	6,404 netrc.c
01/07/2004 05:19 AM	1,490 netrc.h
02/20/2008 05:56 AM	30,975 nss.c
09/27/2007 07:38 AM	2,380 nssg.h
01/23/2008 06:20 PM	9,357 nwlib.c
11/07/2007 05:21 AM	2,761 nwos.c
01/06/2008 06:50 AM	12,187 parsedate.c
03/31/2005 03:02 AM	1,220 parsedate.h
11/24/2007 07:16 PM	15,212 progress.c
11/15/2004 07:27 AM	2,461 progress.h
05/29/2008 11:07 AM	249,236 progress.o
02/20/2008 05:56 AM	11,470 qssl.c
07/30/2007 05:41 PM	2,172 qssl.h
05/31/2007 07:34 AM	2,499 README.ares
04/30/2004 04:51 AM	2,090 README.curlx
12/10/2005 06:11 PM	2,891 README.encoding
01/14/2005 09:43 AM	1,501 README.hostip
11/24/2004 12:11 PM	3,372 README.httppauth
10/29/2006 07:00 PM	2,036 README.memoryleak
10/29/2006 05:18 AM	3,886 README.multi_socket
10/29/2006 05:11 AM	2,263 README.pipelining
11/07/2007 05:12 AM	13,098 security.c
03/08/2008 06:11 PM	12,984 select.c
01/23/2008 06:20 PM	2,569 select.h
02/20/2008 05:56 AM	20,958 sendf.c
10/29/2007 06:03 PM	2,727 sendf.h
05/29/2008 11:07 AM	250,128 sendf.o
08/23/2007 10:30 AM	5,906 setup-os400.h
11/10/2007 09:16 AM	9,277 setup.h
10/24/2007 04:08 PM	13,253 setup_once.h
03/20/2008 07:09 AM	5,686 share.c
08/20/2007 04:39 PM	1,856 share.h
11/12/2005 06:13 PM	1,391 sockaddr.h
02/11/2008 06:03 PM	21,783 socks.c
01/02/2008 05:40 PM	1,856 socks.h
09/02/2007 05:53 PM	2,678 speedcheck.c
01/07/2004 05:19 AM	1,346 speedcheck.h
11/05/2007 05:45 AM	10,795 splay.c
09/27/2007 07:38 AM	2,183 splay.h
03/20/2008 07:09 AM	75,058 ssh.c
10/12/2007 04:49 PM	1,726 ssh.h
02/20/2008 05:56 AM	18,875 sslgen.c
08/27/2007 09:01 AM	3,577 sslgen.h
02/26/2008 07:45 AM	60,217 ssluse.c
08/20/2007 04:39 PM	2,972 ssluse.h
02/06/2008 05:54 PM	1,499 strdup.c
07/11/2006 01:02 PM	1,242 strdup.h
11/07/2007 05:21 AM	4,220 strequal.c
04/22/2005 04:48 PM	1,638 strequal.h
11/07/2007 05:21 AM	18,220 strerror.c
10/11/2004 01:26 PM	1,322 strerror.h
11/07/2007 05:21 AM	2,247 strtok.c
01/07/2004 05:19 AM	1,345 strtok.h
11/05/2007 05:45 AM	4,535 strtocofft.c
11/07/2007 05:02 AM	2,857 strtocofft.h
12/08/2007 07:03 PM	38,041 telnet.c

```
10/12/2007 04:49 PM      1,219 telnet.h
02/11/2008 06:03 PM      26,430 tftp.c
10/12/2007 04:49 PM      1,208 tftp.h
07/01/2007 10:37 AM      3,379 timeval.c
04/03/2007 04:15 PM      2,071 timeval.h
05/29/2008 11:07 AM      238,788 timeval.o
03/22/2008 06:00 PM      89,862 transfer.c
11/15/2007 05:45 PM      2,522 transfer.h
03/25/2008 06:30 PM      143,770 url.c
01/16/2008 08:24 AM      3,927 url.h
03/13/2008 04:56 PM      62,064 urldata.h
11/07/2007 05:21 AM      5,850 version.c
    179 File(s)  4,569,432 bytes
    2 Dir(s) 194,256,707,584 bytes free
```

Re:New to PokerTH and not sure where to begin.

Posted by lotodore - 2008/05/29 21:04

Compiling curl failed on your system, for whatever reason. There are only some .o files, and the lib is missing, so some error must have occurred. Do you run the script in a normal win32-shell (not cygwin)?

You can open the compressed tar.bz2 file with 7z, however, it does not contain the libcurl.a, because this is only the source release.

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/29 21:27

I used the normal Windows cmd prompt.

I will delete everything and start from scratch later. Will using the dos pipe ">" to redirect all output into a file affect either of the scripts or compilation.

This would be the only effective way to detect any errors.

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/30 04:19

I redid the library build. This time I removed Cygwin/MinGw then all of Cygwin.

I also deleted my original pokerth root dir (pokerth) and created a new one and named it pokerth_root as in the example in the readme file.

I cut and pasted the various warnings and errors into a file that is 23K and I did find an error during the curl compile. I have listed the error here, if you like I can attach the file containing the warnings as well.

Most of the warnings are like kernel/qobject.cpp:3073: warning: 'previousSender' might be used uninitialized in this function

Compiling curl

```
mingw32-make -C lib -f Makefile.m32 ZLIB=1
```

```
mingw32-make: Entering directory `C:/pokerth_root/curl/lib'
```

```
Creating ca-bundle.h
```

```
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L  
IBZ -DHAVE_ZLIB_H -c file.c
```

```
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
```

```
IBZ -DHAVE_ZLIB_H -c timeval.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c base64.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c hostip.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c progress.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c formdata.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c cookie.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c http.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c sendf.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c ftp.c
gcc -I. -I../include -I"C:\pokerth_root\zlib" -g -O2 -DBUILDING_LIBCURL -DHAVE_L
IBZ -DHAVE_ZLIB_H -c url.c
In file included from url.c:140:
./ca-bundle.h:1: error: syntax error before '/' token
mingw32-make: *** Error 1
mingw32-make: Leaving directory `C:/pokerth_root/curl/lib'
mingw32-make: *** Error 2
```

Done compiling curl

Re:New to PokerTH and not sure where to begin.

Posted by lotodore - 2008/05/30 09:39

This is strange. ca-bundle.h is only needed for SSL support, and curl is compiled without SSL support. My ca-bundle.h looks like this:

```
/* Do not edit this file - it is created by make!
*/
```

And there's no error in that. I still suspect that there are cygwin environment variables set, which somehow influence the build process. You could try the following: Edit ca-bundle.h in curl\lib to contain text like above. Open a cmd shell. Run the following commands:

```
SET PATH=C:\pokerth_root\mingw\bin;%PATH%
SET ZLIB_PATH=C:\pokerth_root\zlib
SET ZLIB_LIBPATH=C:\pokerth_root\zlib
SET ZLIB_SOURCE=C:\pokerth_root\zlib
SET ZLIB_BINARY=zlib
cd /d C:\pokerth_root\curl
mingw32-make mingw32-zlib
```

If that is successful, you may retry to run pokerth_build.cmd (NOT pokerth_download_libs.cmd).

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/30 13:22

I don't know why Cygwin is still being referenced; I have uninstalled and removed it completely from my system before I started the build.

I can only assume there is something in the system registry that is causing a reference back to Cygwin.

Here are the contents of ca-bundle.h on my build it clearly contains an error, it is a malformed comment:

```
/Cygwin.bat /Cygwin.ico /bin /cygdrive /dev /etc /home /lib /proc /tmp /usr /var Do not edit this file - it is created by make!  
*/
```

I will try your suggestion a little later this morning.

=====

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/31 00:30

Thank you for the help. I had deleted anything to do with Cygwin including all references that I found in the system registry.

I then rebuilt from scratch and still encountered errors during the pokerth_build.cmd script such as xx.o files related to pokerth not being found. I once again deleted everything and rebuilt once again.

The only thing I did in this last build was to close the pokerth_download_libs.cmd Command window and deleted the "pkth_boost_delete_me_after_build" directory before I ran the build script. I had not done this in previous builds as I thought it was an optional step.

The build was successful :) and I would like to recommend that you change the instructions for step 5 to read, "You must delete the "pkth_boost_delete_me_after_build" directory before running the build script.

=====

Re:New to PokerTH and not sure where to begin.

Posted by lotodore - 2008/05/31 00:38

I'm glad it worked out finally. Sorry it took so much effort. This is the reason why I dislike cygwin... It does strange things to your system.

The trick was closing and reopening the command window, not deleting the pkth_boost_delete_me_after_build. The later is really completely optional. Reopening the command window causes settings to be reread. If you delete cygwin options this will have no effect on open cmd windows, the effect will only be caused if you restart cmd.exe.

However, I will change the svn-url from https to http, and I will state some warnings about cygwin in the readme. Thanks for all the feedback.

=====

Re:New to PokerTH and not sure where to begin.

Posted by Highwayman - 2008/05/31 02:04

I'm glad it worked out finally. Sorry it took so much effort. This is the reason why I dislike cygwin... It does strange things to your system.

The trick was closing and reopening the command window, not deleting the pkth_boost_delete_me_after_build. The later is really completely optional. Reopening the command window causes settings to be reread. If you delete cygwin options this will have no effect on open cmd windows, the effect will only be caused if you restart cmd.exe.

However, I will change the svn-url from https to http, and I will state some warnings about cygwin in the readme. Thanks for all the feedback.

I thank you and the other folks involved with PokerTh for taking the time to put this application together and providing a Windows build.

Before I edited the registry to remove all Cygwin references I had created a system save point just incase something

stopped working.

After that, I rebooted the system to make sure there was no possibility of any references, I also removed all pokerth directories and unzipped the file I had downloaded from the site. Therefore, I was using the original svn-url when I tried the last two builds.

I am not a fan of Cygwin but there are not many stable pseudo *nix environments for Windows. One of these days, I will get another hard drive and install one of the Linux compatible systems, and make a dual boot system.

This does make it difficult to build Windows libraries and DLL's or to try to convert applications from Linux and other similar systems. Of course, over the years it has definitely become easier.

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