

Exiv2 - Bug #1101

i686-w64-mingw32-g++: error: localtime.o: No such file or directory

09 Aug 2015 13:15 - Jakub Wilk

Status:	Closed	Start date:	09 Aug 2015
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	build	Estimated time:	1.00 hour
Target version:	0.26		
Description			
<p>I tried to cross-compile Exiv2 using the MinGW-w64 compiler (--host=i686-w64-mingw32), with static libraries disabled (--disable-static). But building failed with:</p> <pre>libtool: link: i686-w64-mingw32-g++ -o ../bin/.libs/exiv2 exiv2.o actions.o utils.o localtime.o ./.libs/libexiv2.dll.a -lpsapi -lldap32 -lws2_32 -L/usr/local/lib i686-w64-mingw32-g++: error: localtime.o: No such file or directory</pre> <p>Apparently that's because localtime.c was compiled with libtool, unlike the other *.o files that are needed for the exiv2 executable. But OTOH, localtime.c must be compiled with libtool, because it's part of the library.</p> <p>The attached two patches seems to fix it. Hopefully they don't break anything else. :)</p>			

Associated revisions

Revision 3984 - 10 Oct 2015 08:16 - Robin Mills

#1101. Thank You to Jakub for reporting this and providing a patch.

History

#1 - 21 Aug 2015 17:04 - Robin Mills

- Category set to build
- Status changed from New to Assigned
- Assignee set to Robin Mills
- Target version set to 0.26

#2 - 24 Sep 2015 11:10 - Robin Mills

- Estimated time set to 3.00 h

#3 - 10 Oct 2015 08:41 - Robin Mills

- Status changed from Assigned to Resolved
- % Done changed from 0 to 100
- Estimated time changed from 3.00 h to 1.00 h

Jakub

Thanks for reporting this and providing the patches. I've submitted EXIVCSRC-no-localtime.diff (with a little change) [r3984](#). I prefer the libtool magic build - feels safer to let him perform his weird magic.

This localtime thing is magic at its worst. Something very wrong with the library standardisation process that this ugly little thing is needed (and ditto for src/getopt_win32.c with I believe is only used by Visual Studio).

Our build server (<http://exiv2.dyndns.org:8080>) has successfully built and run on test suite with your change on Mac/Linux/MinGW/Cygwin (all 64 bit builds by default). I confess that I never cross-compile Exiv2. Perhaps you could perform that build and let me know if you encounter an issue. <http://exiv2.dyndns.org:8080/job/Exiv2-trunk/2182/>

I'm optimistically going to set the status to 100% Resolved.

#4 - 06 Dec 2015 21:02 - Robin Mills

- Status changed from Resolved to Closed

I'm going to close this one. Thanks to Jakub for this contribution.

Files

EXIV2COBJ-no-libtool.diff	242 Bytes	09 Aug 2015	Jakub Wilk
EXIVCSRC-no-localtime.diff	355 Bytes	09 Aug 2015	Jakub Wilk