Exiv2 - Feature #822

Warnings while compiling with g++4.5

27 Apr 2012 04:48 - Sebastien Gilles

Status:	Closed		**Start date:**	27 Apr 2012
Priority:	Normal		**Due date:**	
Assignee:	Robin Mills		**% Done:**	0%
Category:	build		**Estimated time:**	0.00 hour
Target version:	0.24			

Description

Hi,

I've just compiled exiv2 because I'm using it for one of my projects I want to run on multiple platforms (development was under a Debian and embedded exiv2 was perfectly fine, but there is no such possibility with Windows)

I compiled it with g++ 4.5, and there were plenty of warnings (with proper warning flags such as -Wall)

Most of them were about the deprecation of std::auto_ptr, but others were about entirely others topics (for instance dubious conversions from float to unsigned int)

Do you intend to correct these warnings? I didn't look into the code, but from my experience g++ warnings are very often relevant.

Thanks anyway for your work on your very useful library.

Best regards,

Sébastien Gilles

History

#1 - 06 May 2012 12:11 - Robin Mills

- Assignee set to Robin Mills

#2 - 23 May 2012 18:41 - Robin Mills

- Status changed from New to Assigned

#3 - 03 Sep 2012 18:21 - Robin Mills

- Status changed from Assigned to Resolved

The instructions for building on cygwin are: http://clanmills.com/exiv2/cygwin.shtml

I've recommended:
./configure --disable-visibility

as this will eliminate the visibility warnings. (Some Unix/GCC platforms require visibility)

I've built and run the 0.23 download from: http://www.exiv2.org/download.html with the following gcc:

512 rmills@rmills-laptop:/c/gnu.cygwin/exiv2 $ gcc --version
gcc (GCC) 4.5.3
513 rmills@rmills-laptop:~ $ uname -a
CYGWIN_NT-6.1-WOW64 rmills-laptop 1.7.15(0.260/5/3) 2012-05-09 10:25 i686 Cygwin
514 rmills@rmills-laptop:~ $

This compiles, links and executes our test suite with no errors or warnings.

I've submitted a change (which will be in 0.24) to ensure --disable-visibility is the default for cygwin.

#4 - 24 Jul 2013 15:29 - Robin Mills

- Status changed from Resolved to Closed

- Target version set to 0.24

Fixed in 0.24.