

## Exiv2 - Feature #822

### Warnings while compiling with g++4.5

27 Apr 2012 04:48 - Sebastien Gilles

<b>Status:</b>	Closed	<b>Start date:</b>	27 Apr 2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Robin Mills	<b>% Done:</b>	0%
<b>Category:</b>	build	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.24		
<b>Description</b>			
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.