

Exiv2 - Bug #591

FTBFS with GCC 4.4: missing #include

12 Dec 2008 12:31 - Mark Purcell

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	100%
Category:	build	Estimated time:	0.00 hour
Target version:	0.18		
Description			
From: Martin Michlmayr < tbm@cyrius.com > To: submit@bugs.debian.org Subject: FTBFS with GCC 4.4: missing #include Date: Sat, 8 Nov 2008 18:08:48 +0100			
Package: exiv2 Version: 0.17.1-1 User: debian-gcc@lists.debian.org Usertags: ftbfs-gcc-4.4 Tags: patch			
Your package fails to build with the upcoming GCC 4.4. Version 4.4 has not been released yet but I'm building with a snapshot in order to find errors and give people an advance warning.			
GCC 4.4 cleaned up some more C++ headers. You always have to #include headers directly and cannot rely for things to be included indirectly.			
You can reproduce this problem with gcc-snapshot from unstable.			
Automatic build of exiv2_0.17.1-1 on em64t by sbuild/amd64 0.53			
...			
<pre>mkdir .libs g++ -g -O2 -g -Wall -O2 -Wall -Wcast-align -Wpointer-arith -Wformat-security -Wmissing-format-attribute -Woverloaded-virtual -W -I. -DEXV_LOCALIZEDIR="/usr/share/locale" -I../include -funsigned-char -DNDEBUG=1 -c XMPMeta.cpp -fPIC -DPIC -o .libs/XMPMeta.o XMPMeta.cpp: In function 'XMP_Status DumpNodeOptions(XMP_OptionBits, XMP_Status (void, const char*, XMP_StringLen), void*)': XMPMeta.cpp:177: error: 'snprintf' was not declared in this scope XMPMeta.cpp: In function 'XMP_Status DumpPropertyTree(const XMP_Node*, int, size_t, XMP_Status (void, const char*, XMP_StringLen), void*)': XMPMeta.cpp:217: error: 'snprintf' was not declared in this scope XMPMeta.cpp: In static member function 'static bool XMPMeta::Initialize()': XMPMeta.cpp:576: warning: unused variable 'flag' XMPMeta.cpp: In static member function 'static bool XMPMeta::RegisterNamespace(const char*, const char*, const char**, XMP_StringLen*)': XMPMeta.cpp:900: error: 'snprintf' was not declared in this scope make²: *** [XMPMeta.o] Error 1 make²: Leaving directory `/build/tbm/exiv2-0.17.1/xmpsdk/src'</pre>			
<pre>--- xmpsdk/src/XMPMeta.cpp~ 2008-11-08 16:38:20.000000000 0000 ++ xmpsdk/src/XMPMeta.cpp 2008-11-08 16:38:35.000000000 +0000 @ -20,6 +20,8 @ #include "UnicodeInlines.incl_cpp" #include "UnicodeConversions.hpp" #include <cstdio></pre>			

```
#if XMP_DebugBuild
#include <iostream>
#endif
--- src/value.cpp~ 2008-11-08 17:01:40.000000000 0000
++ src/value.cpp 2008-11-08 17:01:55.000000000 0000
@ -43.6 +43.7 @
#include <cassert>
#include <cstring>
#include <ctime>
#include <cstdio>
#include <cstdlib>
#include <ctype.h>
```

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Martin Michlmayr

<http://www.cyrius.com/>

Additional information:

<http://bugs.debian.org/cgi-bin/bugreport.cgi?bug=505023>

History

#1 - 14 Dec 2008 00:52 - Andreas Huggel

[r1673](#)

#2 - 17 Dec 2008 09:11 - Andreas Huggel

- % Done changed from 0 to 100

#3 - 18 Dec 2008 18:24 - Andreas Huggel

- Status changed from Resolved to Closed