

## Exiv2 - Bug #809

### abs ambiguity in nikonmn.cpp

25 Jan 2012 14:40 - Pavel Heimlich

<b>Status:</b>	Closed	<b>Start date:</b>	25 Jan 2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Huggel	<b>% Done:</b>	100%
<b>Category:</b>	miscellaneous	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.23		
<b>Description</b>			
exiv2 0.22 fails to build with the below message:			
gmake <sup>1</sup> : Entering directory `/var/tmp/exiv2/exiv2-0.22/src'			
libtool: compile: /opt/test2/SolarisStudio12.3-solaris-x86-bin/solarisstudio12.3/bin/CC -library=stdcxx4 -ICrun -xldscope=hidden -I. -DEXV_LOCALEDIR="/usr/local/share/locale/" -I./xmpsdk/include -c -DEXV_BUILDING_LIB=1 nikonmn.cpp -KPIC -DPIC -o .libs/ikonmn.o			
"ikonmn.cpp", line 2457: Error: Overloading ambiguity between "std::abs(double)" and "std::abs(float)".			
"ikonmn.cpp", line 2458: Error: Overloading ambiguity between "std::abs(double)" and "std::abs(float)".			
Solaris 11, Solaris Studio 12.3, x86			

#### Associated revisions

##### Revision 2665 - 25 Feb 2012 00:07 - Andreas Huggel

#809: Applied patch by Pavel Heimlich.

##### Revision 2667 - 07 Mar 2012 01:56 - Andreas Huggel

#809: Applied patch by Thomas Beutlich to fix Windows compilation error.

#### History

##### #1 - 25 Feb 2012 00:08 - Andreas Huggel

- Status changed from New to Resolved

- Assignee set to Andreas Huggel

- Target version set to 0.23

- % Done changed from 0 to 100

Applied the patch without any changes, thanks!

##### #2 - 27 Feb 2012 12:24 - Thomas Beutlich

- File T809.patch added

Patch does not compile on Visual Studio.

```
> nikonmn.cpp
>..\..\src\nikonmn.cpp(2481): error C2220: warning treated as error - no 'object' file generated
>..\..\src\nikonmn.cpp(2481): warning C4244: 'initializing' : conversion from 'float' to 'long', possible loss
of data
```

New patch is attached.

##### #3 - 07 Mar 2012 01:57 - Andreas Huggel

Thanks Thomas, I've applied the patch.

##### #4 - 03 May 2012 17:14 - Andreas Huggel

- Status changed from Resolved to Closed

#### Files

exiv2-nikonmn.diff  
T809.patch

863 Bytes  
588 Bytes

25 Jan 2012  
27 Feb 2012

Pavel Heimlich  
Thomas Beutlich