

## Exiv2 - Bug #803

### Rational/URational issue in convert.cpp

22 Jan 2012 14:38 - Pavel Heimlich

<b>Status:</b>	Closed	<b>Start date:</b>	22 Jan 2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<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 error:			
libtool: compile: /opt/test2/SolarisStudio12.3-solaris-x86-bin/solarisstudio12.3/bin/CC -xldscope=hidden -I. "-DEXV_LOCALEDIR=\"/usr/local/share/locale\" -I../xmpsdk/include -c -DEXV_BUILDING_LIB=1 convert.cpp -KPIC -DPIC -o .libs/convert.o "../xmpsdk/include/XMP_Environment.h", line 30: Warning (Anachronism): Attempt to redefine _FILE_OFFSET_BITS without using #undef. "convert.cpp", line 594: Error: Cannot use std::pair<int, int> to initialize std::pair<unsigned, unsigned>. 1 Error(s) and 1 Warning(s) detected.			
I used the below workaround to get past this:			
- URational r = pos->toRational(2); + Rational r0 = pos->toRational(2); + URational r( r0.first, r0.second );			
Solaris 11, Solaris Studio 12.3, x86			

#### Associated revisions

##### Revision 2669 - 10 Mar 2012 17:48 - Andreas Huggel

#803: Fixed Rational/URational issues on Solaris.

#### History

##### #1 - 22 Jan 2012 14:40 - Pavel Heimlich

similar issue is at  
"crwimage.cpp", line 1038: Error: Cannot use std::pair<int, int> to initialize std::pair<unsigned, unsigned>.

##### #2 - 10 Mar 2012 17:49 - Andreas Huggel

- Category set to miscellaneous
- Target version set to 0.23
- % Done changed from 0 to 100

Thanks for reporting the issue!

##### #3 - 10 Mar 2012 19:20 - Andreas Huggel

- Status changed from New to Resolved

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

- Status changed from Resolved to Closed