

gr-osmosdr - Bug #3882

Cannot compile gr-osmosdr!

04/01/2019 07:06 PM - masterplayer31

Status:	New	Start date:	04/01/2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:			
Target version:			
Description			
This is where I am having the problem at while compiling:			
[30%] Building CXX object lib/CMakeFiles/gnuradio-osmosdr.dir/soapy/soapy_common.cc.o In file included from /usr/include/c++/5/type_traits:35:0, from /usr/local/include/SoapySDR/Types.hpp:14, from /home/bobby/gr-osmosdr/lib/soapy/soapy_common.h:25, from /home/bobby/gr-osmosdr/lib/soapy/soapy_common.cc:21: /usr/include/c++/5/bits/c++0x_warning.h:32:2: error: #error This file requires compiler and library support for the ISO C++ 2011 standard. This support must be enabled with the -std=c++11 or -std=gnu++11 compiler options. #error This file requires compiler and library support \ ^ In file included from /home/bobby/gr-osmosdr/lib/soapy/soapy_common.h:25:0, from /home/bobby/gr-osmosdr/lib/soapy/soapy_common.cc:21: /usr/local/include/SoapySDR/Types.hpp:174:15: error: 'enable_if' in namespace 'std' does not name a template type typename std::enable_if<std::is_same<Type, bool>::value, Type>::type StringToSe ^ /usr/local/include/SoapySDR/Types.hpp:174:24: error: expected unqualified-id before '<' token typename std::enable_if<std::is_same<Type, bool>::value, Type>::type StringToSe ^ /usr/local/include/SoapySDR/Types.hpp:189:15: error: 'enable_if' in namespace 'std' does not name a template type typename std::enable_if<not std::is_same<Type, bool>::value and std::is_integra ^ /usr/local/include/SoapySDR/Types.hpp:189:24: error: expected unqualified-id before '<' token typename std::enable_if<not std::is_same<Type, bool>::value and std::is_integra ^ In file included from /home/bobby/gr-osmosdr/lib/soapy/soapy_common.h:25:0, from /home/bobby/gr-osmosdr/lib/soapy/soapy_common.cc:21: /usr/local/include/SoapySDR/Types.hpp:195:15: error: 'enable_if' in namespace 'std' does not name a template type typename std::enable_if<not std::is_same<Type, bool>::value and std::is_integra ^ /usr/local/include/SoapySDR/Types.hpp:195:24: error: expected unqualified-id before '<' token typename std::enable_if<not std::is_same<Type, bool>::value and std::is_integra ^ /usr/local/include/SoapySDR/Types.hpp:201:15: error: 'enable_if' in namespace 'std' does not name a template type typename std::enable_if<std::is_floating_point<Type>::value, Type>::type String ^ /usr/local/include/SoapySDR/Types.hpp:201:24: error: expected unqualified-id before '<' token typename std::enable_if<std::is_floating_point<Type>::value, Type>::type String ^ /usr/local/include/SoapySDR/Types.hpp:207:15: error: 'enable_if' in namespace 'std' does not name a template type typename std::enable_if<std::is_same<typename std::decay<Type>::type, std::stri ^ /usr/local/include/SoapySDR/Types.hpp:207:24: error: expected unqualified-id before '<' token typename std::enable_if<std::is_same<typename std::decay<Type>::type, std::stri ^ /usr/local/include/SoapySDR/Types.hpp: In function 'std::__cxx11::string SoapySDR::Detail::SettingToString(const Type&): /usr/local/include/SoapySDR/Types.hpp:230:12: error: 'to_string' is not a member of 'std' return std::to_string(s); ^ /usr/local/include/SoapySDR/Types.hpp: In function 'Type SoapySDR::StringToSetting(const string&):' /usr/local/include/SoapySDR/Types.hpp:238:12: error: 'StringToSetting' is not a member of 'SoapySDR::Detail' return SoapySDR::Detail::StringToSetting<Type>(s);			

```
^
/usr/local/include/SoapySDR/Types.hpp:238:12: note: suggested alternative:
/usr/local/include/SoapySDR/Types.hpp:236:6: note: 'SoapySDR::StringToSetting'
Type SoapySDR::StringToSetting(const std::string &s)
^
/usr/local/include/SoapySDR/Types.hpp:238:50: error: expected primary-expression before '>' token
return SoapySDR::Detail::StringToSetting<Type>(s);
^
lib/CMakeFiles/gnuradio-osmosdr.dir/build.make:350: recipe for target
'lib/CMakeFiles/gnuradio-osmosdr.dir/soapy/soapy_common.cc.o' failed
make2: * [lib/CMakeFiles/gnuradio-osmosdr.dir/soapy/soapy_common.cc.o] Error 1
CMakeFiles/Makefile2:135: recipe for target 'lib/CMakeFiles/gnuradio-osmosdr.dir/all' failed
make1: [lib/CMakeFiles/gnuradio-osmosdr.dir/all] Error 2
Makefile:138: recipe for target 'all' failed
make: ** [all] Error 2

Can this be fixed?

Bobby Burgess
```

History

#1 - 04/01/2019 10:24 PM - roh

your gcc is 'old'

try `cmake -std:UNINITIALIZED=c++11`
or similar variants as the error says:

```
from /home/bobby/gr-osmosdr/lib/soapy/soapy_common.cc:21:
/usr/include/c++/5/bits/c++0x_warning.h:32:2: error: #error This file requires compiler and library support fo
r the ISO C++ 2011 standard. This support must be enabled with the -std=c++11 or -std=gnu++11 compiler options
.
```

#2 - 04/06/2019 01:19 AM - masterplayer31

Thanks for replying.

Right now I am using a release version of SoapySDR and I was able to do the gr-osmosdr then.

Bobby Burgess

On Mon, Apr 1, 2019 at 5:24 PM roh [REDMINE] <redmine@lists.osmocom.org> wrote:

Issue [#3882](#) has been updated by roh.

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> support must be enabled with the -std=c++11 or -std=gnu++11 compiler
> options.
>
```