

## gr-osmosdr - Bug #3734

### Cannot compile gr-osmocom

12/16/2018 12:22 AM - bwah

<b>Status:</b>	New	<b>Start date:</b>	12/16/2018
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>			
<b>Target version:</b>			

#### Description

Linux comp 4.14.0-41-generic #42~16.04.1-Ubuntu SMP Mon Nov 19 13:02:27 UTC 2018 x86\_64 x86\_64 x86\_64 GNU/Linux

As of commit 4d83c6067f059b0c5015c3f59f8117bbd361e877:

```
user@comp:~/code/gr-osmosdr/build$ make
Scanning dependencies of target gnuradio-osmosdr
[ 2%] Building CXX object lib/CMakeFiles/gnuradio-osmosdr.dir/source_impl.cc.o
In file included from /usr/local/include/gnuradio/rpcregisterhelpers.h:30:0,
                 from /usr/local/include/gnuradio/basic_block.h:42,
                 from /usr/local/include/gnuradio/block.h:28,
                 from /usr/local/include/gnuradio/sync_block.h:27,
                 from /usr/local/include/gnuradio/blocks/null_source.h:27,
                 from /home/user/code/gr-osmosdr/lib/source_impl.cc:31:
/usr/local/include/gnuradio/rpcmanager.h:57:15: error: 'unique_ptr' in namespace 'std' does not name a template type
    static std::unique_ptr<rpcserver_booter_base> boot;
           ^
/usr/local/include/gnuradio/rpcmanager.h:58:15: error: 'unique_ptr' in namespace 'std' does not name a template type
    static std::unique_ptr<rpcserver_booter_aggregator> aggregator;
           ^
In file included from /usr/local/include/gnuradio/block.h:28:0,
                 from /usr/local/include/gnuradio/sync_block.h:27,
                 from /usr/local/include/gnuradio/blocks/null_source.h:27,
                 from /home/user/code/gr-osmosdr/lib/source_impl.cc:31:
/usr/local/include/gnuradio/basic_block.h: In member function 'std::__cxx11::string gr::basic_block::identifier() const':
/usr/local/include/gnuradio/basic_block.h:156:66: error: 'to_string' is not a member of 'std'
    std::string identifier() const { return this->name() + "(" + std::to_string
                                                                    ^
lib/CMakeFiles/gnuradio-osmosdr.dir/build.make:62: recipe for target 'lib/CMakeFiles/gnuradio-osmosdr.dir/source_impl.cc.o' failed
make[2]: *** [lib/CMakeFiles/gnuradio-osmosdr.dir/source_impl.cc.o] Error 1
CMakeFiles/Makefile2:135: recipe for target 'lib/CMakeFiles/gnuradio-osmosdr.dir/all' failed
make[1]: *** [lib/CMakeFiles/gnuradio-osmosdr.dir/all] Error 2
Makefile:138: recipe for target 'all' failed
make: *** [all] Error 2

paul@macbook:~/Documents/gnuradio$
paul@macbook:~/Documents/gnuradio$
paul@macbook:~/Documents/gnuradio$ cat osmocom_err.txt
user@macbook:~/code/gr-osmosdr/build$ make
Scanning dependencies of target gnuradio-osmosdr
[ 2%] Building CXX object lib/CMakeFiles/gnuradio-osmosdr.dir/source_impl.cc.o
In file included from /usr/local/include/gnuradio/rpcregisterhelpers.h:30:0,
                 from /usr/local/include/gnuradio/basic_block.h:42,
                 from /usr/local/include/gnuradio/block.h:28,
                 from /usr/local/include/gnuradio/sync_block.h:27,
                 from /usr/local/include/gnuradio/blocks/null_source.h:27,
                 from /home/user/code/gr-osmosdr/lib/source_impl.cc:31:
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```

```

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```

The compiler doesn't believe "to\_string" is a member of stdlib. The CMakeLists.txt appears to be missing a specification for std=c++11, as per this error: <https://stackoverflow.com/questions/19122574/to-string-isnt-a-member-of-std/19122592>

I am not sure how to fix this.