

RSB GStreamer Integration - Bug #1366

Ambiguous call to member function 'setCreateTime'?

01/28/2013 05:42 PM - S. Wrede

Status:	Resolved	Start date:	01/28/2013
Priority:	Normal	Due date:	
Assignee:	J. Moringen	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	rsb-0.9		

Description

I've experienced the following problem when compiling rsb-gstreamer (all dependencies on master) with llvmlite on MacOS:

```
[ 77%] Building CXX object CMakeFiles/gstrsb.dir/src/gst_rsb_audio_sink.cpp.o
/Users/swrede/Workspace/rsb-gstreamer/src/gst_rsb_audio_sink.cpp:227:30: error: call to member function 'setCreateTime' is
ambiguous
    event->mutableMetaData().setCreateTime(GST_BUFFER_TIMESTAMP(buffer) / 1000);
    ~~~~~^~~~~~
/usr/local/share/rsb0.9/././include/rsb0.9/rsb/MetaData.h:106:10: note: candidate function
    void setCreateTime(const boost::uint64_t& time = 0);
    ^
/usr/local/share/rsb0.9/././include/rsb0.9/rsb/MetaData.h:107:10: note: candidate function
    void setCreateTime(const double& time);
    ^
/usr/local/share/rsb0.9/././include/rsb0.9/rsb/MetaData.h:108:10: note: candidate function not viable: no known conversion from
'unsigned long' to
    'const boost::posix_time::ptime' for 1st argument;
    void setCreateTime(const boost::posix_time::ptime& time);
    ^
1 error generated.
make[2]: *** [CMakeFiles/gstrsb.dir/src/gst_rsb_audio_sink.cpp.o] Error 1
make[1]: *** [CMakeFiles/gstrsb.dir/all] Error
```

Related issues:

Related to RSB GStreamer Integration - Bug # 1249: Building fails on Mac OS X

Closed

11/20/2012

Associated revisions

Revision [be15f6b5](#) - 01/28/2013 09:27 PM - J. Moringen

Fixed call to setCreateTime in src/gst_rsb_{audio,video}_sink.cpp

fixes #1366

- src/gst_rsb_audio_sink.cpp (gst_rsb_audio_sink_chain): explicitly cast timestamp value to double to avoid ambiguity for overloaded setCreateTime methods
- src/gst_rsb_video_sink.cpp (gst_rsb_video_sink_chain): likewise

History

#1 - 01/28/2013 05:43 PM - J. Wienke

- Project changed from Robotics Service Bus to RSB GStreamer Integration

- *Category deleted (C++)*

This is a problem of the gstreamer plugins. It needs to explicitly select the correct data type for the call.

#2 - 01/28/2013 09:28 PM - J. Moringen

- *Status changed from New to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset rsb-gstreamer|commit:be15f6b53bcd2063d92eabb2fbd8ee6c848466d0.

#3 - 01/28/2013 09:28 PM - J. Moringen

- *Status changed from Resolved to Feedback*
- *Assignee set to J. Moringen*

Does this speculative fix help?

#4 - 01/29/2013 10:57 AM - S. Wrede

- *Status changed from Feedback to Resolved*

Thx. Works for me.