

## Babeltrace - Bug #1220

### filter.utils.trimmer component does not support streams without packets

02/17/2020 01:51 PM - Simon Marchi

<b>Status:</b>	New	<b>Start date:</b>	02/17/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	flt.utils.trimmer	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
When trying to use a trimmer component with a stream that does not have packets, we get:			
CAUSED BY [filter.utils.trimmer: 'filter.utils.trimmer'] (/home/smarchi/src/babeltrace/src/plugins/Utils/trimmer/trimmer.c:1315)			
Unsupported stream: packets have no beginning clock snapshot: stream-addr=0x60d000001080, stream-id=0, stream-name="(null)"			
The trimmer component does not yet support packet messages that don't have default clock snapshots, but it should support streams that don't have packet messages at all.			
It can be reproduced with the following plugin file:			
<pre>import bt2  class MyIter(bt2._UserMessageIterator):     def __init__(self, config, port):         tc, sc, ec, cc = port.user_data         trace = sc.trace_class()         stream = trace.create_stream(sc)          self._msgs = [             self._create_stream_beginning_message(stream),             self._create_event_message(ec, stream, 123),             self._create_stream_end_message(stream),         ]         self._i = 0      def __next__(self):         if self._i &gt;= len(self._msgs):             raise bt2.Stop          msg = self._msgs[self._i]         self._i += 1         return msg      def _user_can_seek_beginning(self):         return True      def _user_seek_beginning(self):         self._i = 0  @bt2.plugin_component_class class MySource(bt2._UserSourceComponent, message_iterator_class=MyIter):     def __init__(self, config, params, obj):         cc = self._create_clock_class()         tc = self._create_trace_class()         sc = tc.create_stream_class(default_clock_class=cc)         ec = sc.create_event_class(name='hello')          self._add_output_port('out', (tc, sc, ec, cc))  bt2.register_plugin(</pre>			

```
    __name__, "foo",  
  )
```

And the command line:

```
babeltrace2 --plugin-path . -c source.foo.MySource -c filter.utils.trimmer
```

## History

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**#1 - 02/17/2020 05:13 PM - Jonathan Rajotte Julien**

- *Category set to flt.utils.trimmer*