

Babeltrace - Bug #1279

Bus error with custom source, muxer and sink.ctf.fs

08/10/2020 12:10 PM - Arnaud Fiorini

Status:	New	Start date:	08/10/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	libbabeltrace2	Estimated time:	0.00 hour
Target version:	Babeltrace - stable 2.0		
Description			
Components involved: muxer, sink.ctf.fs Component version: python3-bt2/now 2.1~pre+git4186+202007232032~ubuntu18.04.1 System information: - Linux 4.15.0-112-generic #113-Ubuntu - Ubuntu 18.04.4 LTS (core-9.20170808ubuntu1-noarch:security-9.20170808ubuntu1-noarch)			
When running a graph using the script ctffrace.py, the program should parse the given .txt files in the folder provided and output in a folder the ctf trace files. The script crashes with the following error: "Bus error (core dumped)". A stream file has been created in the trace folder, no metadata file. There should be multiple streams. When looking at the logs, the crash occurs just after destroying a stream. 08-10 12:05:09.835 20339 20339 D LIB/MSG-STREAM destroy_stream_message@stream.c :45 Putting stream: addr=0x1d0a250, id=0, stream-class-addr=0x1cc4510, stream-class-id=1, trace-class-addr=0x1cef200, trace-addr=0x1cff3e0, packet-pool-size=0, packet-pool-cap=0			
Steps to reproduce The scripts bt_plugin_rocm.py and ctffrace.py are available in https://github.com/arfiio/PythonTracingThings/tree/master/babeltrace2 The trace files are attached python3 ctffrace.py out.db /path/to/trace/files/			
Each text file has events that are read and are sent to one output port of the RocmSource. Then these ports are linked to a muxer that is linked to a ctf file sink.			

Files

File Name	Size	Date	Author
hcc_ops_trace.txt	2.53 KB	08/10/2020	Arnaud Fiorini
async_copy_trace.txt	2.34 KB	08/10/2020	Arnaud Fiorini
hip_api_trace.txt	41.7 KB	08/10/2020	Arnaud Fiorini
kfd_api_trace.txt	154 KB	08/10/2020	Arnaud Fiorini
hsa_api_trace.txt	833 KB	08/10/2020	Arnaud Fiorini