

Sonic Annotator - Bug #1545

Segmentation fault in Sonic Annotator 1.2

2016-01-29 05:10 PM - Bruno Dias

Status:	New	Start date:	2016-01-29
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Greetings!			
When I try to list the vamp plugins with 'sonic-annotator -l', I get a segmentation fault error.			
I'm using Ubuntu 15.10, 64 bits.			

History

#1 - 2016-01-29 05:18 PM - Chris Cannam

The most common cause of this sort of thing is that a plugin is crashing -- if a plugin crashes on load or instantiation, it will bring down the host as well. What happens if you (temporarily) set the VAMP_PATH environment variable to point to a directory with no plugins in it?

(This might not be related, but it has been a problem for me recently on Arch Linux, because the distro has recently switched its C++ ABI version so libraries called through C++ calling conventions need to be relinked. This isn't a problem for general use of Vamp plugins - the Vamp binary interface uses C calling conventions, not C++ - but it can be a problem for developers who have a development version of the Vamp SDK libraries installed separately in a possibly incompatible format, so that any plugins dynamically linking against the SDK get the wrong symbols.)

#2 - 2016-01-29 06:22 PM - Bruno Dias

I have removed all VAMP plugins from /home/echo66/vamp.

Still, the same problem...

#3 - 2016-01-29 06:27 PM - Bruno Dias

I noticed that in /usr/local/lib/vamp, I had a new file: libvamp_essentia.so. Yesterday, I built the entire essentia framework, including VAMP support. If I remove that .so file, there are no problems.

#4 - 2016-01-29 06:45 PM - Bruno Dias

I mentioned this bug at <https://github.com/MTG/essentia/issues/371>