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Former Home of SpinCAD Designer

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Use the Simulation Level Viewer to see control signals

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Use the Simulation Level Viewer to see control signals (#p1603)

by **Digital Larry** » Tue Jun 03, 2014 11:35 am

You can connect control signals temporarily to one or both sides of the output block, then enable the Simulation Level Viewer (under the Simulation Menu) to see what it's doing and how it changes depending on POT settings or input level, etc.

Here's an example showing the Sin and Cos outputs of one of the internal LFOs. Keep in mind that the level viewer shows the log() of the absolute value of whatever is fed into the output block. That's why the Sin and Cos (which normally would look like, errr... sine waves 😊) look the way they do.

Sin-Cos-LFO.PNG

Sin-Cos-LFO.PNG (102.66 KiB) Viewed 901 times

As a side note, I once set up this exact patch, put in ear buds, then turned the frequency and amplitude all the way up. Quite a strange sensation! Be careful.

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Re: Use the Simulation Level Viewer to see control signals (#p2489)

by **ivanagug** » Tue Sep 15, 2015 4:16 pm

Hi, my spin cad doesn't make that , the level viewer is gray, what do you think it is the problem?
Thanks

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Re: Use the Simulation Level Viewer to see control signals (#p2490)

by **Digital Larry** » Tue Sep 15, 2015 6:22 pm

Which OS and JRE are you using?

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Re: Use the Simulation Level Viewer to see control signals (#p2493)

by **ivanagug** » Sat Sep 19, 2015 9:01 am

false alarm, it was the audio clip sample rate

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Re: Use the Simulation Level Viewer to see control signals (#p2494)

by **Digital Larry** » Sat Sep 19, 2015 9:26 am

Thanks for the report. I do recall putting a warning message in there if the sampling rate was not correct.

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