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Former Home of SpinCAD Designer

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User Blocks

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User Blocks (#p2629)

by **MacroMachines** » Tue Jan 19, 2016 9:35 am

I was wondering if it would be possible to add a user block where you could put in spinasm code or elmgen or something, or alternately have a set of core blocks that are just each operation possible in spincad with little sliders for the values, it would be rad to be able to go deeper into the algorithms without doing it in spinasm, plus there are some awesome ideas on the forum like the pitch tracker (you should add that as a block too)

or at the least maybe just some more raw type elements, like a "memory" object that just gives you the ability to access delay line with nothing else. it would be best if you could have any number of read points to that as well, then you can play with making any number tap delay, and go deeper into making your own reverb and effects.

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Re: User Blocks (#p2637)

by **Digital Larry** » Tue Jan 19, 2016 11:24 am

First,

Thanks for your interest and burst of ideas. If you search this board for the phrase "SpinCAD Builder" you will find my discussion of how I prefer to make blocks, which is to start with Spin ASM. The language I have developed also allows you to create control panel items that can be adjusted with a slider, for example. That aspect of the solution needs to be fleshed out to even handle all of the things I already have in mind. I hate to use the excuse that it's a lot of work and I only work on this in my spare time, but it's the truth.

The approach of making every single Spin ASM instruction a block is not one I think I'm going to pursue.

I have been pretty amenable to making user-supplied code into blocks unless I hit some technical hurdle.

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Re: User Blocks (#p2639)

by **Digital Larry** » Tue Jan 19, 2016 9:55 pm

The other thing I'll add is to remember that all SpinCAD Designer and Builder is open source and available for your Java coding enjoyment over in Github. So if you REALLY want to you can make it do all that.

<https://github.com/HolyCityAudio/SpinCAD-Designer> (<https://github.com/HolyCityAudio/SpinCAD-Designer>)

<https://github.com/HolyCityAudio/SpinCAD-Builder> (<https://github.com/HolyCityAudio/SpinCAD-Builder>)

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