MiniCommand\'s \"Euclid Generator\" via another source?

Posted by RubixGroove - 2012/09/09 03:10

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Hey all you hardcore programmers....

I was wondering if it's possible to create a Euclid Generator (like found on the MiniCommand) for the computer. Seeing how Ruin & Wessen have damn near fallen off the map, it'd be nice to see their efforts continued. Obviously, a hardware piece is much more beneficial for many reasons but it'd be cool to at least be able to create Euclidean jams directly into the Machinedrum's sequencer.

I have a Java-based sequencer that does NOT create the pattern data, as fun as it is, it'd be so much nicer to have the patterns stored inside the machine for transportation/later experimentation.

I really miss the MiniCommand's power. I am just wondering if there is any way of putting all that into a computer program...

Any help? :side:
Peace!

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Re:MiniCommand\'s "Euclid Generator" via another source?

Posted by dubathonic - 2012/09/09 03:41

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IIRC, Manuel modeled the Euclid firmware on a feature in Ableton. Might look into that.

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Re:MiniCommand\'s \"Euclid Generator\" via another source?

Posted by RubixGroove - 2012/09/12 01:56

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Ahhhh man. I hate that program. :D

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Re:MiniCommand\'s \"Euclid Generator\" via another source?

Posted by GYS - 2012/09/12 22:01

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This looks promising:

http://www.hisschemoller.com/2011/euclidean-midi-patterns/

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Re:MiniCommand\'s \"Euclid Generator\" via another source?

Posted by blofeld_manning - 2012/09/14 00:27

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you could build one in Max/Msp.

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Re:MiniCommand\'s \"Euclid Generator\" via another source?

Posted by RubixGroove - 2012/09/14 00:29

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Yes! That software is a ton of fun! Only gripe is that pattern data is not directly saved into the sequencer which would make working a lil different. If that is the way I need to go for some algorithmic music then I am down. We shall see!

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Re:MiniCommand\'s "Euclid Generator" via another source?
Posted by RubixGroove - 2012/09/14 00:29
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Double post

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Re:MiniCommand\'s
Posted by blofeld_manning - 2012/09/14 00:34
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RubixGroove wrote:
Yes! That software is a ton of fun! Only gripe is that pattern data is not directly saved into the sequencer which would make working a lil different. If that is the way I need to go for some algorithmic music then I am down. We shall see!

are you refering to maxmsp? if you are it is possible to store pattern data :)

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Re:MiniCommand\'s \"Euclid Generator\" via another source?
Posted by djd_oz - 2012/09/14 10:23
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I was thinking of creating one using the Lemur app, jut need to find the time for it.

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Re:MiniCommand\'s \"Euclid Generator\" via another source?
Posted by RubixGroove - 2012/09/14 11:08
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I've heard a lot about MaxMSP but I've never actually seen what it is. Guessing it's an open-source software that handles MIDI? :D

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Re:MiniCommand\'s
Posted by Audiolog - 2012/09/14 15:07
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RubixGroove wrote:
I've heard a lot about MaxMSP but I've never actually seen what it is. Guessing it's an open-source software that handles MIDI? :D

Max/MSP isnt... but PureData is ;).... long story short is that PD is a open-source version of Max/MSP.

I am working a lot with generative music at the moment, using Java and PureData (libpd). that would indeed be possible in that combination.. you could even program it for the iPad :side:

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Re:MiniCommand\'s "Euclid Generator" via another source?
Posted by djd_oz - 2012/09/14 20:54
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There is also a Ruby script floating around which will output 1s and 0s, then you will have to manually enter them into your machine.

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Re:MiniCommand\'s \"Euclid Generator\" via another source?

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I'd love to be able to program things like this but unfortunately, I do not think I can and do not have the time to learn it! Ahh guess I'll have to wait and figure something out.

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Re:MiniCommand\'s \"Euclid Generator\" via another source?
Posted by RubixGroove - 2012/09/15 02:20
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Whoa... been trying to mess around with Puredata. Been about 7 minutes... think I'm done with that. :)

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Re:MiniCommand\'s
Posted by blofeld_manning - 2012/09/15 02:27
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RubixGroove wrote:
Whoa... been trying to mess around with Puredata. Been about 7 minutes... think I'm done with that. :)

yeah PD and Max take alot of hard work :-
check out my sequencer:-

http://www.youtube.com/watch?v=Aa3_gzsv91s

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Re:MiniCommand\'s
Posted by blofeld_manning - 2012/09/15 02:34
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MaxMsp is alot easier to get into tho. The documentation for PD is so scattered. MaxMsp has a PDF manual and simple tutorials to start on.

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Re:MiniCommand\'s
Posted by RubixGroove - 2012/09/15 07:21
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Yo Manning - for some reason that link is for a private video. Link me your nasties on accident?

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Re:MiniCommand\'s
Posted by blofeld_manning - 2012/09/15 07:27
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whoops...fixed it :)

http://www.youtube.com/watch?v=Aa3_gzsv91s

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Re:MiniCommand\'s
Posted by RubixGroove - 2012/09/15 07:39
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Outside of the Euclid Generator - does anyone know of a interesting/fun/weird sequencer that's outside of the normal 4/4 16-beat programming? Doesn't matter if it's hardware or software!

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Re:MiniCommand\'s
Posted by RubixGroove - 2012/09/15 07:41

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That sequencer seems fun! Are you sequencing Reason (saw the Dr. Rex)?
I'd love to be able to do something like that with the drums, change the sequence, make it non-linear with some weird effects just REALLY unsure how to go abouts this. I'm a drummer so that's the most important thing for me, when creating music alone anyway! Holler.

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Re:MiniCommand\'s
Posted by blofeld_manning - 2012/09/15 08:05

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Yeah it's playing a reason project. Yeah I went through a period of creating non-linear music techniques. U can do a lot of interesting techniques with ableton live. The great thing about maxmsp is u can make an interface which is completely intuitive to u. I liked the fact that u can see all the patterns from one screen.

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Re:MiniCommand\'s \"Euclid Generator\" via another source?
Posted by isjtar - 2012/10/26 16:17

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There's a lot of prgrams / languages that do this:
Max MSP is the most famous one, expensive though.
Pure Data (PD) is it's open source cousin.
Then there's my favourite SuperCollider which involves programming by code, but sounds great and is very powerful.

There are many others, good fun, but a bit of a rabbit hole...

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Re:MiniCommand\'s \"Euclid Generator\" via another source?
Posted by alep - 2012/10/28 02:11

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http://www.fyrd-instruments.com/Euclid-module

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