NEWS
of the RACK

VCV

Hello everyone in Rack Land,

and welcome to a new age.

Rack 1. 0 is here and I could only throw superlatives around. That's why I simply call it the beginning of a new era in electronic music.

VCV rack is still free of charge and there are numerous free modules and the possibilities stand up to any comparison with commercial systems. In addition, there are free versions of commercial Euro-rack modules, as well as great commercial modules, which are also sought in vain in the Euro-rack world. Even the networking of VCV rack and hardware modules is now possible, so that hardware can be controlled with VCV rack and vice versa. Using Midi Mapping, any parameter in VCV Rack can be automated. And all this and more is also possible in polyphonic form. I could still enumerate the new features here forever, but there are already videos for that.

Also for the News of the Rack begins a new era, because after this special, it will continue with the number 1 and that in the revised layout. Until further notice I will report about both 0.6.x and 1.0, because although new modules are added almost every hour, not all modules are available for the new version and it is to be feared that not all modules will be converted. In the table I mark the modules available so far for V1 and add an extra column for polyphony.
As far as the 0.6.x versions are concerned, I hope a resourceful developer discovers a way to use them in 1.0, maybe a kind of sandbox. Unfortunately, I have no idea if this is possible, but since I've been working with Formula by Frank Buss, I think everything is possible.

And now to the news.

Developer News and other News

VCV-Rack 1.0 has been released and numerous modules are already available. It is to be expected that in the next few weeks more developers will convert their plugins. The modules available so far are **highlighted** in color in the attached table, as always I also list modules that have to be compiled themselves. These do not have a version number.

Andrew Belt will be in the **San Francisco** Bay Area from **2 to 14 July**. He is ready to give a talk on virtual modular synthesis, Rack 1.0 and the future of VCV, but is **looking for venues**. If you have ideas, here is the link to the corresponding thread: https://www.facebook. com/groups/vcvrack/permalink/360786067914877/

Numerous modules are now **polyphonic** in **V1** u.a. also the **Scope** and **Host** of **Fundamental**, as well as **Formula** by **Frank Buss**.

All **Befaco** modules except Spring Reverb are now also **polyphonic** thanks to **Martin Lueders** and will probably be available soon via the Plugin Manager.

Impromptu Modular uses for its modules **Clocked**, **Foundry**, **Gate-Seq** and **Phrase-Seq** the newly introduced possibility of docking **expanders** in **V1. Twelve Key** can now also generate **velocity** data.

New Modules

With the release of **V1** we also welcome new module developers.
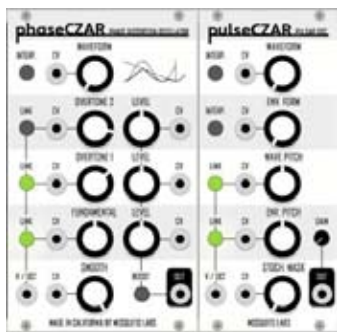
Mosquito Labs brings to the debut 2 Oscillators. **phaseCzar** uses the phase distortion method of Casio, **pulseCzar** the pulsar synthesis.

The modules of **stoermelder** can be found in the Plugin Manager under **PackOne.** The modules **CV-MAP** and its smaller version **µMAP** use the Midi Mapping for parameter control, the module **CV-PAM** uses the values of parameters to generate control voltage. **ReMove Lite** allows you to record the movement of knobs to automate them. **Rotor Model A** distributes a carrier signal through CV to 2-16 outputs and **BOLT** provides polyphonic, CV modulated Boolean functions.

Surge is a classic among virtual synthesizers. Now in VCV-Rack **1.0** comes Surge as a **complete modular synthesizer system**, so to speak, the system in the system. In principle, you did not need any other modules, but where would be the fun. It is much more interesting to mix modules from different developers. Surge offers the wavetable oscillator **WTOSC**, the universal oscillator **OSC**, the universal filter biquad, the waveshaper **WS**, the vocoder **VOC**, the envelope generator **ADSR**, a **Patch Player**, a universal **LFO**, the frequency shifter **fShift**, the equalizer **EQ**, the clock module **CLK**, **Chorus**, **Delay**, **Phaser**, **Reverb**, **Distortion**, Leslie **Rotary** and EQ / Limiter **Condition**. All in all, 18 modules that are all **polyphonic** except the clock module.

New Modules

CYC is in the Plugin Manager under **Strong Kar** and has released the module of the same name, an implementation of the Karplus Strong algorithm.

With the **VCV Recorder** it is now possible to record **audio** and **video** directly into VCV-Rack without additional software.
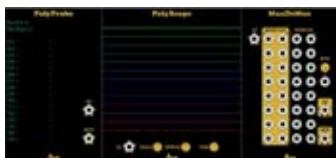
Another big name from the Euro-Rack world can now be found in VCV-Rack. **Erica Synths** provides free of charge its two modules **Black Wavetable OSC** and **Black Octasource**. These versions were developed for VCV-Rack 1.0 by **Hora Music**.
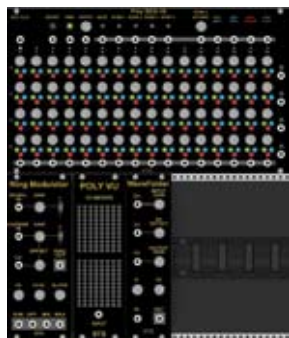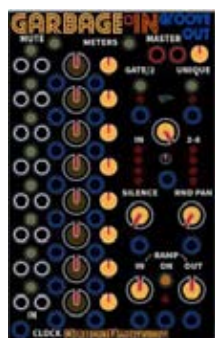
Amalgamated Harmonics released with version **1.0.1** the new modules **PolyProbe** displaying polyphonic control voltages; **PolyScope**, a polyphonic oscilloscope and **MuxDeMux**, a polyphonic cable multiplexer / de-multiplexer.

STS releases with version **1.0.1** the new **Poly Seq-16** module, a polyphonic 16-track sequencer; **Poly VU**, a polyphonic 2x8 VU meter; and the two monophonic modules **Ring Modulator** and **WaveFolder**. **Oddy** is now **polyphonic** too.

Klirrfactory is already working on the conversion to V1, but in the meantime he has released for **0.6.x** the module **Garbage In Groove Out**, a randomly switched 8 channel stereo mixer / VCA with Ramp In / Out, Random Pan Width and a Random Silence function,,. This module is **commercial** and included in the Gold, Platinum, Titanium and Hall of Fame packages.

Count Modula has released more modules with version **1.0.2**. These are **Mixer**, **Multiplexer**, **Mute**, **SR Flip Flop**, the **Trigger Sequencers 8 Step** and **16 Step**. Polyphonic modules include Event Arranger, Inverter, Mute, Mute-iple, Polyrhythmic Generator, Shepard Generator, Voltage Controlled Polarizer and Voltage Controlled Switch.

Stellare Modular is known primarily from the Turing Machine and Stellar Link, which both already exist for V1. New are the commercial modules **Andromeda** (CV / Gate Sequencer), **Azular** (Gate Sequencer), **Nomlia** (CV Sequencer), **Sigma** (Precision Adder), **Pelisia** (Matrix Mixer), **Qusia** (Trigger Delay), **Delta** (Shuffle Generator), **AL41** (4 In 1 Out Sequential Switch) and **AL14** (1 In 4 Out Sequential Switch). The entire package called **Creative Suite** can be purchased for $ 25 through the Plugin Manger.

As previously announced, **Frozen Wasteland** has revised and expanded its modules for **V1.** New are the **Quad Algorithmic Rhythm**, which not only has the algorithms **Euclidian** and **Golomb**, but now also **Boolean.** There is also an expander called **Quad Rhythm Expander** for this module, which uses the new features in V1 to add modules.

Geodesics surprises at the start of **V1** not only with new features in the previous, but also with three new modules. **Energy** is a relativistic oscillator / synthesizer voice based on ring modulation techniques. **Fate** is a non-deterministic event modifier that can add a random number generator to each sequencer. It can transform a very well organized sequencer into Entropia. **Torus** is a two-dimensional mixer. As a small module that is always at hand, it can be used as a multiplier, mixer, damper, unity, low pass or high pass filter.

New Modules

The exclusively commercial modules of **BB Modules** are now also available via the Plugin Manager. For $ 25 you get the Matrix Step Sequencer **Oknotok**, the Distortion Module **Fox**, the Multi Algorithm Module **Mirror**, the Mixer **BX**, the two unspecified modules **Yggdrasill** and **UT**, the Attenuverter **TT**, the Quad VCA **MX** and the Oscillator **Nostromo**, which replaces the previous Complex Oscillator.

Coirt has also converted its **Bark** modules to **V1**, releasing the Attenuverter **Clamp**, the Polyphonic Mixer **Poly Mix** and the Polyphonic Merge Module **Poly X.**

The modules from **Valley** were also converted to **V1** and so now also the eagerly awaited filter section of Interzone called **Feline** was released.

Sonus Modular releases with version **1.0.0** the Chebyshev waveshaper **Mr. Cheb**.

Nysthi has not only converted and reworked all 117 modules to **V1**, but also released **Simpliciter**, a sampling oscillator and a further development of the Confusing Simpler, in collaboration with **Pyer.**

The modules from **Autodafe** are now also available for **V1** and can be downloaded via the Plugin Manager. New in the commercial package **Autodafe Reds** is the long time announced Super Saw Oscillator **WAR(S)AW**.

DHE has released the 16x Logic Module **Gator**, adding a new color to its module palette.
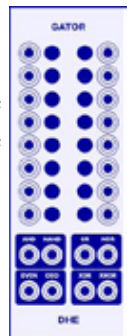
Challenges & Collaborations

Very Cool Patch Challenge

In **Edition 33** of the **Very Cool Patch Challenge** is the module to be used **Gateseq** from **Via / Starling**. Entries can be submitted until **24.06.2019** and a new challenge starts the day after. The contributions are summarized as always in a playlist.

In **Edition 32** a complete patch should be adopted. 2 modules were allowed to be exchanged, but the given dimensions had to be kept. This time it was also 3 weeks time, and participants were welcome to submit multiple contributions. As always, the contributions are summarized in a **playlist**.

Videos & Tutorials

ablaut:

]] mutations [[ambient livestream ~ vcv rack ~ 06/23

Autodafe:

Autodafe WAR[S]AW for VCV Rack 1.0
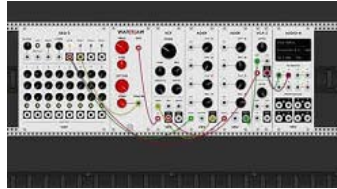
Federico Soler Fernández:

DAY 000 - Guy does Modular Sound Design with VCV Rack - Playlist

Modular Curiosity:

Season 2 Episode7 : Comparators

Season2 Ep8 : VCV Rack Version 1.0 is here!

Omri Cohen:

every Friday at 9 pm (European Summer Time) a new live stream

Mutable Instruments' Braids - Synthesis Models Series #28

Mutable Instruments' Braids - Synthesis Models Series #29

VCV Rack Live Stream - Farewell 0.6

Mutable Instruments' Braids - Synthesis Models Series #30

What's new in VCV Rack 1.0

VCV Rack 1.0 Release Party Live Stream

Stellare Creative Suite - VCV Rack Live Stream

TheKlirrfaktor:

Garbage In Groove Out - KlirrFactory module for VCV Rack (Overview)

100% more PERFORMANCE with VCV Rack V1 on MAC???

VCV Rack Ideas:

Making Ambient in VCV Rack with SquinkyLabs Modules

How to make MINIMAL Techno in VCV Rack Tutorial

NEW Stellare Creative Suite Pack - Techno Patch in VCV Rack

Music & Ideas

VVAXX: VCV Vol. 1
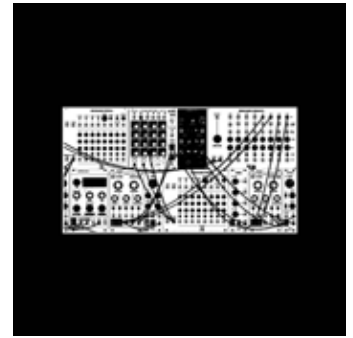
grüm pé: The Path Of Hands

If I have overlooked someone, I'm sorry. Then please let me know.

Current module versions of the developers (not all are in the plugin manager and some have to be compiled themselves.) Changes are highlighted in red, V1 versions magenta.

Developer	Vers.	Plugin Mana-ger	Poly	Download
21kHz	0.6.1	x		
1987	0.6.2			https://github.com/cfoulc/1987
8Mode	0.6.1	x		
Aepelzens Modules	0.6.0 dev			https://github.com/Aepelzen/Aepelzens
Aepelzens Parasites	0.6.0 dev			https://github.com/Aepelzen/AepelzensParasites.git
Alikins	1.0.0	x		
alto777 LFSR	0.6.21	x		
Alright Devices	1.0.0	x		
Amalgamated Har-monics	1.0.1	x	x	
AmateurResearch	0.6.0			https://github.com/MattKuebrich/AmateurResearch
Animated Circuits	0.6.3			https://www.animated-circuits.com/
aP Modules	0.6.0	x		
Arable Instruments	0.6.0	x		
Aridacity	0.6.0			https://github.com/aridacity/aridacity/releases
arjo_modules	0.6.0	x		
AS	1.0.0	x		
AS Drums & Fil-ters	1.0.0	x		
AS Seqs & Tools	1.0.0	x		
Audible Instru-ments	1.0.0	x		

Developer	Vers.	Plugin Mana-ger	Poly	Download
Audible Instru-ments Preview	0.6.5	x		
Autinn	0.6.12	x		
Autodafe - REDs	1.0.0	x		
Autodafe - REDs FREE	1.0.0	x		
Autodafe Drum Kit	1.0.0	x		
Autodafe Module Pack	1.0.0	x		
AP Modules	0.6.0	x		https://github.com/aptrn/aP-Modules
av500	0.6.0	x		
Bacon Music	1.0.2	x	x	
Bargkass	0.6.0			https://github.com/korfuri/ Bargkass.git
BB Modules		x		
BBI	0.6.0	x		
Beckstrom Re-search	0.6.0	x		
Befaco	1.0.0	x	(x)	
Bidoo	0.6.29	x		
Blamsoft	1.0.0	x		
Bogaudio	1.0.17	x		
Bokontep Byte Beat Machine	0.6.1	x		
Castle Rocktronics	0.6.0	x		
CatroModulo	0.6.5	x		
cf	0.6.8	x		
Charred Desert	1.0.0	x		
Chiptuner	0.6.2			https://github.com/The-Great-Assyr/Chiptuner-0.6.2
Chortling Hamster Modules	1.0.0			https://github.com/ChortlingHamster/
Circlefade	0.6.2	x		
Coirt	1.0.1	x	x	
Computerscare Modules	0.6.6	x		
Console	1.0.1			
Count Modula	1.0.2	x	x	
Creative Suite	1.0.0	x		
Crystal Palace	0.6.1.8	x		
Csound	0.6.1			https://github.com/Djack13/ VCV_Csound.git
dekstop	0.6.0	x		https://github.com/dekstop/ vcvrackplugins_dekstop.git
dBiz	1.0.0	x		
DHE Modules	1.0.1	x		

Developer	Vers.	Plugin Manager	Poly	Download
Dlwigglz	0.6.0			https://github.com/dirkleas/DL
DrumKit	1.0.0	x		
E-Series	1.0.0	x		
Edge	0.6.5	x		
eh_modules	0.6.1	x		
Erica	1.0.0	x		
Erratic Instruments	0.6.2	x		
Evil Turtle Productions				https://www.evilturtle.nl/store/plugins/vcvpack.html
Expert Sleepers	1.0.0	x		
FrankBuss	1.0.0	x	x	
Frozen Wasteland		x		
Fundamental	1.0.0	x		
Geodesics	1.0.0	x		
GoodSheperd	0.6.0			https://github.com/jensschulze/GoodSheperd
Gratrix	0.6.0	x		
Grayscale	0.6.0	x		
Hammondeggs	0.6.0			https://github.com/hammondeggs/hammondeggsModules
HetrickCV	1.0.0	x		
Holonic Systems	1.0.0	x		
Hora	0.6.0	x		
Host	1.0.2	x	x	
huaba	0.6.3	x		
Impromptu Modular	1.0.1	x		
JE	0.6.0	x		
JW-Modules	1.0.2	x	x	
KarateSnoopy	1.0.0	x		
KlirrFactory	0.6.6			http://klirrfactory.com/
Koralfx Modules	1.0.2	x		
Kosmodules	0.6.0			https://github.com/calvinkosmatka/Kosmodules-Free
LabSeven	0.6.2	x		
Lindenberg Research		x		https://github.com/lindenbergres
LOGinstruments	0.6.0	x		
Loopus Modules	1.0.0	x		
luckyxxl	0.6.0	x		
Matthew Friedrichs	0.6.5	x		https://gumroad.com/friedrichsaudio
MicMusic	0.6.3	x		
MicroTools	0.6.0	x		
Milkrack	0.6.0			https://github.com/korfuri/Milkrack/releases
ML modules	1.0.0	x	x	
moDllz	1.0.0	x		

Developer	Vers.	Plugin Manager	Poly	Download
modular80	1.0.0	x		
Modular Fungi	1.0.1	x		
monome	0.6.0			https://github.com/Dewb/monome-rack
Mosquito Labs	1.0.0	x		
MrLumps	0.6.0	x		
mscHack		x		
MSM	0.6.5.1	x		
mtsch	0.6.0	x		
NauModular	0.6.0	x		
Niko	0.6.1			https://github.com/NikolajAndersson/
Nocturnal Encoder	0.6.1	x		
Nohmad	0.6.0	x		
Non Linear Instruments	0.6.0	x		
Noobhour modules	1.0.2	x	x	
Nysthi	1.0.1	x	x	
Ohmer Modules		x		
Parable Instruments	0.6.0	x		
Parametra	1.0.0	x		
PG-Instruments	0.6.4	x		
Pulse Matrix	1.0.0	x		
PulsumQuadratum-SDR	0.6.0	x		
PvC	0.6.0	x		
Quadraphonics	0.6.3	x		
QuantalAudio	0.6.4	x		
Qwelk	0.6.1	x		
rcm	1.0.1	x		
Recorder	1.0.0	x		
RJModules	0.6.1	x		
Robotic Bean	0.6.0	x		
Rodent Modules	0.6.1	x		
Router	1.0.0	x		
s-ol	0.6.11	x		
sb-StochKit	0.6.2			
Scalar	1.0.0	x		
SchmickleWorks	0.6.0			https://github.com/cclark2a/SchmickleWorks
Sculpt-O-Sound	0.6.4	x		
SerialRacker	0.6.1	x		
Silent Way	1.0.0	x		
Simple module pack	0.6.0	x		
SKJack	0.6.7	x		
Skylights		x		

Developer	Vers.	Plugin Manager	Poly	Download
Sonus Modular	1.0.0	x		
Southpole	0.6.0	x		
Southpole Parasites	0.6.0	x		
Spectra	1.0.0	x		
spin	0.6.2	x		
Squinky Labs	1.0.0	x		
Starling		x		
Stellare Modular	1.0.0	x		
Stochasm	0.6.0	x		
stoermelder	1.0.2	x	x	
Strong Kar	1.0.0	x		
Strum's Mental Modules	0.6.3	x		
STS	1.0.1	x	x	
Submarine Proto-type	0.6.0	x		
SubmarineFree	0.6.8	x		
Submarine Utility	0.6.2	x		
Surge for Rack	1.beta1.0	x	x	
SynthKit	1.0.0	x		
TriggerFish Ele-ments	0.6.4	x		
trowaSoft	0.6.5	x		
Unfiltered Volume 1	1.0.0	x		
Unforgettable Luncheon	0.6.3	x		
unless modules	0.6.2	x		
TechTech Techno-logies	0.6.0			https://github.com/wlaub/vcv
The XOR	0.6.2	x		
TWD Plugins	0.6.0			https://github.com/trblwdreams/
Valley	1.0.0	x		
VCV	1.0.1	x	x	
Vult Compacts	1.0.1	x	x	
Vult Modules	1.0.1	x	x	
Vult Modules (Free Version)	1.0.1	x	x	
What the Rack	1.0.0	x		
ZZC	0.6.6	x		