

# NEWS of the RACK vcv

key events • new modules • developer news • module videos • contests • and more

#22 - Week 47/2019



## Editorial

**Hello everyone in Rack Land,**

You can't imagine how glad I am that there's a VCV rack. Almost exactly seven years ago, with a heavy heart, I sold all my keyboards, mixers, effects, etc. Because of a nervous disorder, my fingers didn't do what I wanted them to do. While writing I quickly got used to the fact that the letters sometimes came in the wrong order, but for a keyboard player it's really hard. Of course I could have continued with sequencers and DAW at that time, but I wasn't ready yet. It took me a few years to accept that I could never make music the same way again. With masterkeyboard, computer and vst plugins I slowly dared to experiment again. And I also subscribed to the corresponding magazines again. So I came across VCV-Rack 0.4 and I have to honestly say, this has not really convinced me first. With 0.5 I started to like Rack and with 0.6 it became an important part of my life. I can make music again and that to 99% without keyboard. I have found a great community here and am happy to make a small contribution with my news. Someday there will be videos again and I have so many ideas, as I have not had for ages. And experimenting is a lot of fun, even if not everything is so productive.

Why am I telling you all this? Because this week I noticed again how important it is to deal with such things openly and honestly, because it does me good, but can also help other affected people when they see that they are not alone. Depression is an insidious disease that keeps itself alive and all good advice is useless.

But it might help to hear how others deal with it. I deal with it very openly and have found out that there are many people with similar symptoms in my circle of acquaintances alone, but who do not dare to show this supposed weakness. In the meantime, however, some people already deal with it differently and I have the impression that it does them good. But I'm sure no one is getting any worse and that's something.

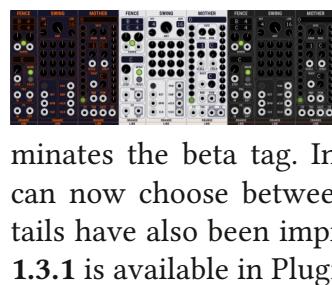
And now to the news

## Developer News & other News



VCV has revealed more details about **Rack 2.0**. The audio engine has been redesigned for better performance/stability, lower latency and simultaneous use of multiple audio interfaces. In the parameter context menu mathematical expressions can be parsed.

**Lindenberg Research** has announced full polyphony for Woldemar, Sangster and Neo for version **1.3.0**, as well as the module **Spreader**, a VC spreader that can Super Saws, textures or multiple delays.



**OrangeLine** version **1.3.0** is called the first stable version, so it eliminates the beta tag. In the context menu, you can now choose between **3 skins** and some details have also been improved. Currently, version **1.3.1** is available in Plugin Manager

In version **1.1.25** further improvements were made by **Bogaudio**.



**Clément Foulc** is no stranger to VCV-Rack, as he is the developer of the **cf** plug-ins and **1987**. His latest project is **Number9**, a live-oriented hardware drum machine with sample player. The VCV rack version of the main module and an expander can be purchased for \$ 15 through the Plugin Manager.

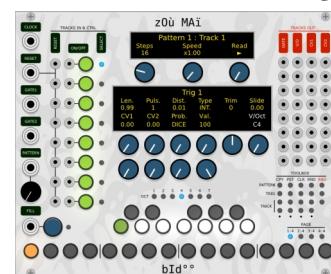
With version **1.1.1** **ZZC** releases the Phase Divider **Div** in a stand-alone version and as an



For the modules of **Tiny Tricks** are from version **1.4.2** six different **skins** available. On request, the developer will provide additional color options.



The filters of **kocmoc** now have selectable **integration methods** for mathematical functions via the context menu. The current version number is **1.2.1**. If you want to know more about the mathematical background can read here <https://radiofreerobotron.net/blog/>.



In version **1.1.1**, **Bidoo** has revived its sequencer **zOù MAï**.



**MindMeld Modular** has made further improvements to its mixers in version **1.4.1**.



**Dark Alias** is the newest oscillator from **Friedrichs Audio**. This is a procedural oscillator, which provides a variety of synthesis forms. The module can be purchased for \$ 25 via Gumroad, with the offer code "**blackfriday**" you can currently save **60% on purchase**.

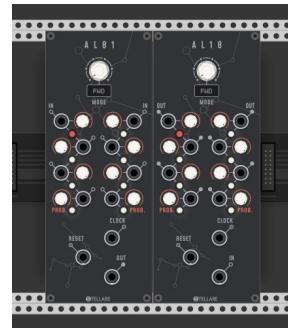
**DHE-Modules** version **1.1.0** is now available, including the new 4-, 8-, and 16-step waveform sequencer modules. A **Curve** sequencer is a combination of sequencer and envelope generator.



**MockbaModular** dedicates version **1.0.6** to the Casio CZ series with the oscillators **CZSaw**, **CZSquare**, **CZPulse** and **CZReso**.



**SV Modular** has revised or supplemented its commercial plugin **Synthetic FX**. The filter **Curds** has been supplemented by outputs and parameters, **Whey** is also a digital filter with the same parameters, but a different sound. Both modules are not included in the freely available version and 16-voice polyphonic.



**Stellare Modular's** commercial plug-in **Creative Suite** expands with the **AL81** and **AL18** Sequential Switches. Owners of the Creative Suite receive the update free of charge.

## Challenges & Collaborations

### Very Cool Patch Challenge

**Edition 44 of the Very Cool Patch Challenge** is divided into two parts. One of the tasks is to create a patch with one of VCV's **Host** or **Host FX** paid modules. If you do not have it or you want something different, you can also create a patch with the **polyphonic Turing machine** from **stocaudio**. Submissions can be submitted until **December 2** and will be summarized in a playlist. A new challenge starts the next day.



In Edition 43 of the **Very Cool Patch Challenge** the task was to use **only one module as a tone generator** and to alienate it with other modules. The contributions are summarized in a playlist.

### Musical Pals

The project **Musical Pals**, in which several musicians work together on a patch, is now in the **fifth round**. If you want to know more about it, you can find the **information** in the official forum.



## Videos & Tutorials

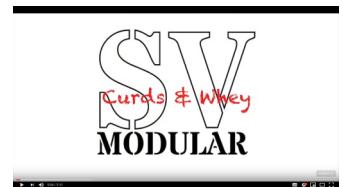
### ablaut:

ablaut ~ ambient  
autumn ~ vcv rack  
livestream ~ 11/24 part  
1 + 2



### Jerry Sievert:

Curds and Whey



## Jim Aikin:

Jim Aikin's Modular Synthesis for Beginners – Filters: When Less Is More



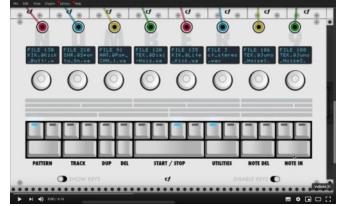
## Omri Cohen:

Plaits Synthesis Models Series #3



## Triphase clément foulc:

N9preview



## VCV Rack Ideas:

My VCV Rack Production Template - Part 1 (Overview)

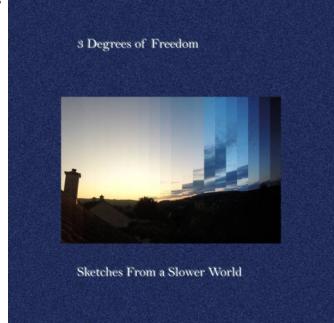


# Music & Ideas

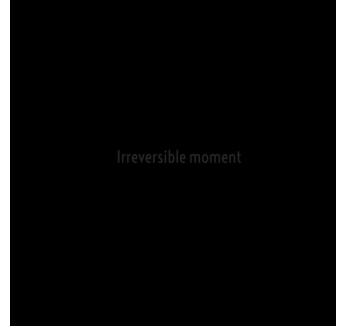
## Playlist 47/2019



**3 Degrees of Freedom:** Sketches From a Slower World



@discophone\_: Irreversible Moment



**Fahmi Mursyid:** Climate Change



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

# Patches & Presets

## agnetha:

*Tiny tricks, Entrian, Frozen Wasteland, Autodafe*  
<https://patchstorage.com/tiny-tricks-entrant-frozen-wasteland-autodafe/>

## AlasdairMoons:

*Hardbeatz*  
<https://patchstorage.com/hardbeatz/>

## baconpaul:

*disquiet412 backing tracks*  
<https://patchstorage.com/disquiet412-backing-tracks/>

## blackearth:

*SilverFox's Sweet MotherInLaw*  
<https://patchstorage.com/silverfoxs-sweet-motherinlaw/>

*Making Love During A Summer Rain*  
<https://patchstorage.com/making-love-during-a-summer-rain/>

*MOTER MOUTH*  
<https://patchstorage.com/moter-mouth/>

*Cosmic Gem Stones*  
<https://patchstorage.com/cosmic-gem-stones/>

*My first crime to solve*  
<https://patchstorage.com/my-first-crime-to-solve/>

*Beneath the bottom of the sun*  
<https://patchstorage.com/beneath-the-bottom-of-the-sun/>

*Mother of all Melodic Drones*  
<https://patchstorage.com/mother-of-all-melodic-drones/>

*Disco Modular Funk*  
<https://patchstorage.com/disco-modular-funk/>

## brylie:

*bco-2019-11-19*  
<https://patchstorage.com/bco-2019-11-19/>

## Cabotage KSM:

*Broken VHS pad*  
<https://patchstorage.com/broken-vhs-pad/>

## chaircrusher:

<https://community.vcvrack.com/uploads/short-url/16z10L7mUUJe1EVtTLLuBsg8OdZ.vcv>

<https://community.vcvrack.com/uploads/short-url/A1PCqZoHHoPBTcuFjlQasLazi2X.vcv>

<https://community.vcvrack.com/uploads/short-url/ediMZ5bJLSWELBExrtHs8idQzrb.vcv>

## Cybiko:

*First Patch*  
<https://patchstorage.com/first-patch/>

## Dave\_Phillips:

*16 Patterns For Phaseque*  
<https://patchstorage.com/16-patterns-for-phaseque/>

*Drone Pluck Whistle And Slide*  
<https://patchstorage.com/drone-pluck-whistle-and-slide/>

## Deev:

*Synthi Waveshaping Study*  
<https://patchstorage.com/synthi-waveshaping-study/>

*EMS Synthi VCS 3*  
<https://patchstorage.com/ems-synthi-vcs-3/>

*EMS Synthi VCS 3 Reverb Percussion*  
<https://patchstorage.com/ems-synthi-vcs-3-reverb-percussion/>

*The EMS Synthi VCS3 Project*  
<https://community.vcvrack.com/t/the-ems-synthi-vcs3-project/6901>

**Domino:**

<https://community.vcvrack.com/uploads/short-url/n5VOIyAy3zdTny2wwWhCJd8PYp0.vcv>

**Down of Hares:**

*O Horizon*  
<https://patchstorage.com/o-horizon/>

*Field Theory*  
<https://patchstorage.com/field-theory/>

*Patch Cable Blues*  
<https://patchstorage.com/patch-cable-blues/>

*Lissajous Curve*  
<https://patchstorage.com/lissajous-curve/>

**fausto serone:**

*Haunted House*  
<https://patchstorage.com/haunted-house/>

**Gary Barnes:**

*Whalestorm*  
<https://patchstorage.com/whalestorm/>

*Intertropism*  
<https://patchstorage.com/intertropism/>

*Entropia*  
<https://patchstorage.com/entropia/>

*Entropia-2*  
<https://patchstorage.com/entropia-2/>

**George\_Locke:**

*Microtonal phase distortion ensemble 1*  
<https://patchstorage.com/microtonal-phase-distortion-ensemble-1/>

**immortaljellyfish:**

*00001 Fow and Wlutter (Free Vult Version)*  
<https://patchstorage.com/00001-fow-and-wlutter-free-vult-version/>

**klaussualk:**

*WTF? FTW!*  
<https://patchstorage.com/wtf-ftw/>

**leandrotaibbi:**

*Leandro Taibi -Techno 1/4 Syncopated – Buchla dual Lpg*  
<https://patchstorage.com/leandro-taibbi-techno-1-4-syncopated-buchla-dual-lpg/>

**N1\_N2:**

*Yet another “dreamy” patch*  
<https://patchstorage.com/yet-another-dreamy-patch/>

**nrvs:**

*Condense*  
<https://patchstorage.com/condense/>

**Omri\_Cohen:**

*Plaits Synthesis Models Series #3*  
<https://patchstorage.com/plaits-synthesis-models-series-3/>

**rsmus7:**

*VCP-44 – rsmus7 – overdriver*  
<https://patchstorage.com/vcp-44-rsmus7-overdriver/>

**SkwareUawe:**

*Trübsinn Im November*  
<https://patchstorage.com/trubsinn-im-november/>

	A	B	C	D	E
1	Developer	Vers.	Plugin Manager	Poly	Download
2	21kHz	1.0.0		x	<a href="https://github.com/stefansebik/21kHz-rack-plugins">https://github.com/stefansebik/21kHz-rack-plugins</a>
3	23volts	1.0.1	x	x	
4	1987	1.0.0			<a href="https://github.com/cfoulc/1987">https://github.com/cfoulc/1987</a>
5	8Mode	1.0.0			<a href="https://github.com/8Mode/8Mode-VCV_Modules/issues/4">https://github.com/8Mode/8Mode-VCV_Modules/issues/4</a>
6	Admiral	1.0.0	x		
7	Aepelzens Modules	0.6.0 dev			<a href="https://github.com/Aepelzen/Aepelzens">https://github.com/Aepelzen/Aepelzens</a>
8	Aepelzens Parasites	0.6.0 dev			<a href="https://github.com/Aepelzen/AepelzensParasites.git">https://github.com/Aepelzen/AepelzensParasites.git</a>
9	Ahornberg	1.0.1	x		
10	Alikins		x		
11	alto777 LFSR	1.0.0	x		
12	Alright Devices	1.0.2	x		
13	Amalgamated Harmonics	1.0.3	x	x	
14	AmateurResearch	0.6.0			<a href="https://github.com/MattKuebrich/AmateurResearch">https://github.com/MattKuebrich/AmateurResearch</a>
15	Animated Circuits	1.0.0	x		
16	aP Modules	0.6.0			<a href="https://github.com/aptrn/aP-Modules.git">https://github.com/aptrn/aP-Modules.git</a>
17	Arable Instruments	1.0.0	x		
18	Aridacity	1.0.1	x	x	
19	arjo_modules	0.6.0	x		
20	AS	1.0.3	x		
21	AS Drums & Filters		x		
22	AS Seqs & Tools		x		
23	Audible Instruments	1.0.0	x		
24	Audible Instruments Preview	0.6.5	x		
25	Autinn	1.0.0	x	x	
26	Autodafe - REDs	1.0.0	x		
27	Autodafe - REDs FREE	1.0.0	x		
28	Autodafe Drum Kit	1.0.0	x		
29	Autodafe Module Pack	1.0.1	x		
30	av500	0.6.0	x		
31	Bacon Music	1.0.2	x	x	
32	Bargkass	0.6.0			<a href="https://github.com/korfuri/Bargkass.git">https://github.com/korfuri/Bargkass.git</a>
33	BB Modules	1.1.1	x		
34	BBI	0.6.0	x		
35	Beckstrom Research	0.6.0	x		
36	Befaco	1.0.0	x	(x)	
37	Bidoo	1.1.1	x		
38	Blamsoft	1.0.1	x	x	
39	Bogaudio	1.1.25	x	x	
40	Bokontep Byte Beat Machine	1.0.0	x		
41	Castle Rocktronics	0.6.0	x		
42	Catromodulo	1.0.2	x		
43	Catrom/Blanco	1.0.0	x		
44	cf	1.1.1	x		
45	Charred Desert	1.3.0	x		
46	Chiptuner	1.0.0	x		
47	Chords	1.0.1	x	x	
48	Chortling Hamster Modules	1.1.1	x		
49	Circlefade	1.0.0	x		
50	Coirt	1.1.1	x	x	
51	Computerscare Modules	1.0.3	x	x	
52	Console	1.0.1			
53	Count Modula	1.5.1	x	x	
54	Creative Suite	1.0.1	x		
55	Crystal Palace	0.6.1.8	x		
56	Csound				<a href="https://github.com/Djack13/VCV_Csound.git">https://github.com/Djack13/VCV_Csound.git</a>
57	Dark Alias (Friedrichs Audio)1.0.0				<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
58	dekstop	0.6.0	x		<a href="https://github.com/dekstop/vcvrackplugins_dekstop.git">https://github.com/dekstop/vcvrackplugins_dekstop.git</a>
59	dBiz	1.1.2	x		
60	DHE Modules	1.1.1	x		
61	Dlwiggz	0.6.0			<a href="https://github.com/dirkleas/DL">https://github.com/dirkleas/DL</a>
62	Dopefed	1.0.0	x		<a href="https://github.com/Strum/dopefed">https://github.com/Strum/dopefed</a>

	A	B	C	D	E
63	DrumKit	1.1.2	x		
64	DrumKit Pro	1.0.2	x		
65	E-Series	1.0.1	x	x	
66	Edge	1.0.2	x	x	
67	eh_modules	0.6.1	x		
68	Entrian	1.1.0	x		
69	Entrian Acoustic Drums	1.3.0	x		
70	Erica	1.0.2	x		
71	Erik	1.0.0			<a href="https://github.com/gle-bellier/vcvModules">https://github.com/gle-bellier/vcvModules</a>
72	Erratic Instruments	0.6.2	x		
73	Evil Turtle Productions				<a href="https://www.evilturtle.nl/store/plugins/vcvpack.html">https://www.evilturtle.nl/store/plugins/vcvpack.html</a>
74	Expert Sleepers	1.0.0	x		
75	FLOATS (Friedrichs Audio)	1.0.0			<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
76	FrankBuss	1.1.0	x	x	
77	Frozen Wasteland	1.9.8	x		
78	Fundamental	1.4.0	x	x	
79	Geodesics	1.0.0	x		
80	Glue the Giant	1.0.6	x	x	
81	GoodSheperd	1.0.1	x		
82	Grafix	0.6.0	x		
83	Grayscale	0.6.0	x		
84	HammondeggS	0.6.0			<a href="https://github.com/hammondeggS/hammondeggSModules">https://github.com/hammondeggS/hammondeggSModules</a>
85	HetrickCV	1.0.0	x		
86	Holonic Systems	1.0.2	x		
87	Hora	1.0.3	x		
88	Host	1.0.4	x	x	
89	Hot Bunny (Friedrichs Audio)	1.0.0			<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
90	huaba	0.6.3	x		
91	Impromptu Modular	1.1.2	x		
92	JE	1.0.0	x		
93	JW-Modules	1.0.9	x	x	
94	KarateSnoopy	1.0.0	x		
95	Klirrfactory	1.1.0		x	<a href="http://klirrfactory.com/">http://klirrfactory.com/</a>
96	kocomoc	1.2.1	x		
97	Koralfx Modules	1.0.2	x		
98	Kosmodules	0.6.0			<a href="https://github.com/calvinkosmatka/Kosmodules-Free">https://github.com/calvinkosmatka/Kosmodules-Free</a>
99	LabSeven	0.6.2	x		
100	LifeFormModular	1.0.0	x		
101	Lindenberg Research	1.2.0	x		
102	Little Utils	1.0.2	x		
103	LOGinstruments	0.6.0	x		
104	Lomas Modules	1.0.2			
105	Loopus Modules	1.1.0	x		
106	luckyxxl	0.6.0	x		
107	Matthew Friedrichs	0.6.5	x		<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
108	MicMusic	1.0.0	x		
109	MicroTools	0.6.0	x		
110	Milkrack	0.6.0			<a href="https://github.com/korfuri/Milkrack/releases">https://github.com/korfuri/Milkrack/releases</a>
111	MindMeld	1.1.4	x	x	
112	ML modules	1.0.3	x	x	
113	moDllz	1.1.6	x	x	
114	modular80	1.0.0	x		
115	Modular Fungi	1.0.1	x		
116	Mockba Modules	1.0.7	x		
117	monome	1.0.0			<a href="https://github.com/Dewb/monome-rack">https://github.com/Dewb/monome-rack</a>
118	Mosquito Labs	1.1.1	x		
119	MrLumps	0.6.0	x		
120	mscHack	1.0.2	x		
121	MSM	1.0.0	x		
122	mtsch	0.6.0	x		
123	MyLittle Tools	1.0.3	x		
124	NauModular	0.6.0	x		
125	NEX	1.0.0	x		

	A	B	C	D	E
126	Niko	0.6.1			<a href="https://github.com/NikolajAndersson/">https://github.com/NikolajAndersson/</a>
127	Nocturnal Encoder	0.6.1	x		
128	Nohmad	0.6.0	x		
129	Nonlinear Circuits	1.0.0			<a href="https://github.com/mhetrick/nonlinearcircuits/releases">https://github.com/mhetrick/nonlinearcircuits/releases</a>
130	Noobhour modules	1.0.3	x	x	
131	nozoid	1.1.1	x		
132	Number9	1.0.0	x		
133	Nysthi	1.0.8	x	x	
134	Ohmer Modules	1.1.3	x	x	
135	Ohmer Prems	1.0.2	x		
136	OrangeLine	1.3.1	x		
137	Parable Instruments	1.0.0	x		
138	Parametra	1.0.0	x		
139	Patch & Tweak	1.0.0	x		
140	PdArray	1.0.2	x		
141	Pfzzz	1.0.4	x		
142	PG-Instruments	0.6.4	x		
143	Prism	1.2.0	x		
144	Prototype	1.2.0	x		
145	Pulse Matrix	1.0.0	x		
146	PulsumQuadratum-SDR	0.6.0	x		
147	PvC	0.6.0	x		
148	Quadraphonics	0.6.3	x		
149	QuantalAudio	1.0.0	x		
150	Qwelk	0.6.1	x		
151	Racket-Science	1.0.0	x		
152	rcm	1.1.0	x		
153	Recorder	1.0.1	x		
154	repelzen	1.1.0	x	x	
155	RJModules	1.4.0	x		
156	Robotic Bean	1.0.1	x		
157	Rodent Modules	0.6.1	x		
158	Router	1.0.0	x		
159	S-ol	1.0.0	x		
160	Sb-StochKit	1.0.0	x		
161	Scalar	1.0.0	x		
162	ScannerDarkly	1.0.1	x		
163	SchmickleWorks	V1beta1.7		x	<a href="https://github.com/cclark2a/SchmickleWorks">https://github.com/cclark2a/SchmickleWorks</a>
164	Sculpt-O-Sound	1.0.1	x	x	
165	Semiramis	1.2.0	x		
166	SerialRacker	0.6.1	x		
167	Signal Flux	1.1.0	x		
168	Silent Way	1.0.0	x		
169	Simple module pack	0.6.0	x		
170	SKJack	1.0.0	x		
171	Skylights	1.0.2	x		
172	SLM	1.1.0	x		
173	Sonus Modular	1.2.0	x		
174	Southpole	1.0.0			<a href="https://github.com/gbrandt1/southpole-vcvrack">https://github.com/gbrandt1/southpole-vcvrack</a>
175	Southpole Parasites	0.6.0	x		
176	Spectra	1.0.0	x		
177	Spektro Audio	1.0.0	x		
178	spin	0.6.2	x		
179	Squinky Labs	1.0.5	x	x	
180	Starling	1.0.0	x		
181	Stellare Modular	1.0.0	x		
182	stoeaudio	1.0.1	x	x	
183	Stochasm	0.6.0	x		
184	StochKit	1.0.0	x		
185	stoermelder pack one	1.2.0	x	x	
186	stoermelder pack gamma	1.0.cd7a953			<a href="https://github.com/stoermelder/vcvrack-packgamma">https://github.com/stoermelder/vcvrack-packgamma</a>
187	Strong Kar	1.0.0	x		
188	Strum's Mental Modules	1.0.1	x		
189	STS	1.1.2	x	x	

	A	B	C	D	E
190	<b>Submarine Prototype</b>	0.6.0	x		
191	<b>SubmarineFree</b>	1.0.4	x		
192	<b>Submarine Utility</b>	0.6.2	x		
193	<b>Surge for Rack</b>	1.beta1.4	x	x	
194	<b>Synbin</b>	1.0.0			<a href="https://github.com/Synbin/Synbin-VCV-Modules">https://github.com/Synbin/Synbin-VCV-Modules</a>
195	<b>Synthetic</b>	1.2.2	x		
196	<b>Synthetic FX</b>	1.1.0	x	x	
197	<b>Synthetic FX Free</b>	1.0.2	x		
198	<b>SynthKit</b>	1.0.1	x		
199	<b>TercerBrazo</b>	1.0.3	x		
200	<b>TriggerFish Elements</b>	0.6.4	x		
201	<b>trowaSoft</b>	1.0.1	x		
202	<b>Unfiltered Volume 1</b>	1.0.0	x		
203	<b>Unforgettable Luncheon</b>	0.6.3	x		
204	<b>unless modules</b>	1.0.0	x		
205	<b>TechTech Technologies</b>	1.0.0			<a href="https://github.com/wlaub/vcv">https://github.com/wlaub/vcv</a>
206	<b>The XOR</b>	1.1.1	x		
207	<b>Tiny Tricks</b>	1.4.2	x		
208	<b>TWD Plugins</b>	0.6.0			<a href="https://github.com/trblwdreams/">https://github.com/trblwdreams/</a>
209	<b>Valley</b>	1.0.1	x		
210	<b>VCV</b>	1.0.1	x	x	
211	<b>Vitamin</b>	1.0.0	x	x	
212	<b>Vult Compacts</b>	1.6.0	x	x	
213	<b>Vult Modules</b>	1.6.0	x	x	
214	<b>Vult Modules (Free Version)</b>	1.6.0	x	x	
215	<b>Vult Mysteries</b>	1.6.0			
216	<b>What the Rack</b>	1.1.1	x		
217	<b>wiqid anomalies</b>	1.1.0	x	x	
218	<b>Wrong People</b>	1.0.0	x		
219	<b>ym2612</b>	1.0.0	x		
220	<b>ZZC</b>	1.1.1	x	x	
221	<b>ZZC Phaseque</b>	1.1.1	x		

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