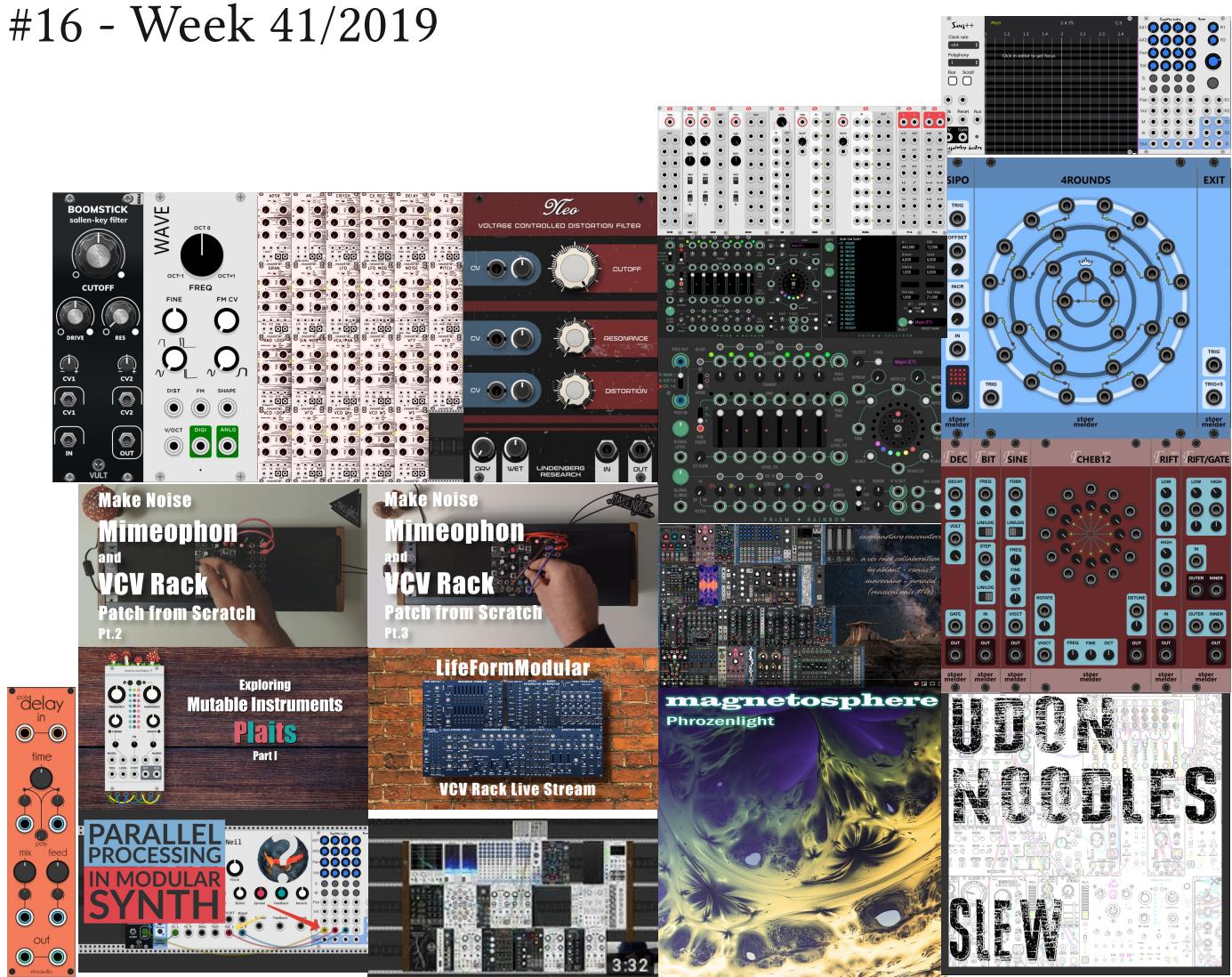


NEWS of the RACK

vcv

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

#16 - Week 41/2019



Hello everyone in Rack Land,

I know it's already Tuesday, but since I just wanted to finish the monthly issue for September, it's unfortunately (again) later. Here it is just 3 clock in the morning and I think in 4 hours I should have done it.

This edition is absolutely dominated by new modules, but most of them you have to compile yourself. But this is in principle not that difficult if you follow the instructions <https://vcvrack.com/manual/Building.html>. You do not have to be a programmer, I do not know what I'm doing there, and I'm just going to do it piece by piece following the instructions. I've installed the regular latest version of Rack, which I also work with and which also gets the appropriate plugins via the Plugin Manager. You can not compile with this version, but you need the developer version or the SDK. The latter I have no idea, the former is only possible on Windows, if you have installed MSYS2, which gives you a terminal program in which you can enter the commands to create the developer version. Also for creating the plugins you need this. How it all works, is detailed in the manual. Unfortunately, I can not say anything about Mac because I do not have this OS. Linux is a dream in this respect, because it already has a terminal program. Depending on which Linux distribution you have, you just have to copy and paste the command line from the tutorial, then the system is ready to compile both the developer version as well as the plugins. You always have to keep the developer version up-to-date, because otherwise you might get error messages when building plugins. I had this experience last week when I suddenly could not compile the new plugins of some developers. So far, I have always recompiled the developer version of such a case because I thought it was better than just refreshing. It seems that you do not necessarily get the last version, so you have to update the files with `<git pull origin v1>`. The whole thing sounds more complicated than it really is, but you have to know and consider a few things. And if I can, you can too. Have fun compiling modules that are not (yet) in Plugin Manager.

And now to the news

Developer News & other News



In the upcoming version **1.0.5** the sequencer **Seq++** by **Squinky Labs** will be able to write Midi files and step recording will also be possible. The modular Mixer **Form**, **ExTwo** and **ExFor** get the possibility for multi-solo.

In version **1.0.1**, **stocaudio's Poly Delay** gets a CV-controlled offset.



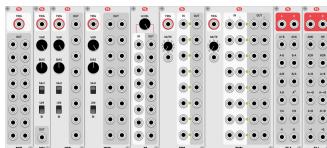
Prism/Amalgamated Harmonics updated its plugin **Rainbow** to version **1.2.0**. The design of **Spectrum** has been redesigned.

In version **1.2.0** of **Lindenberg Research** appears a new filter. **Neo** stands for New and not for the character of the same name from Matrix and new refers to the fact that this is the first own filter design by Lindenberg Research. He calls himself Voltage Controlled Distortion Filter.



New Modules

The new module developers this week are not yet represented in the Plugin Manager, but the modules can be compiled by yourself.



In addition to the source code, **Tiny Tricks** even has a ready-made Windows version to download. Included in the plugin are the 9 modules **Tiny Tricks Arithmetic** (TT-A), **Tiny Tricks Logic** (TT-L), **Sample and Hold x16** (SH16), **Modulation Generator** (MG1), **Modulation Generator x8** (MG8), **Modulation Generator x16** (MG16), **Attenuator x8** (A8), **Random Mute x8** (RM8) and **Random Stereo Mute x8** (RM8s).

The **Nozori** modules by **nozo-id** are based on the Euro-Rack module of the same name, which can perform various functions via firmware. The VCV-Rack variant currently consists of 23 different modules of the series **Nozori 68**. The names describe the respective function. These are **VCO PARAMETRIC**, **VCO MOD**, **VCO QUANTIZED**, **VCO WAVESHAPER**, **VCO LOOP**, **NOISE**, **KARPLUS STRONG**, **VCF PARAMETRIC**, **VCF MULTIMODE**, **VCA/PAN**, **BIT CRUSH**,

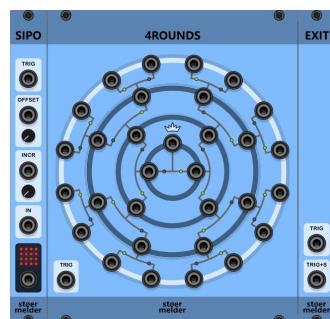
PITCH SHIFT, **DELAY**, **GRANULATOR**, **SIN MOD**, **WAVE-SHAPER**, **EQ**, **LFO DUAL**, **LFO MOD**, **ADSR/VCA**, **AR**, **RND LOOP** and **CV REC**. The website of the developer can be seen that probably still 23 modules of the series **Nozori 84** will follow. The developer also points out that most modules require a **96 kHz** sample rate, and some also **48 kHz**. The operation with other frequencies is not recommended.



Simply **Wave** is called the oscillator and its developer. A description does not yet exist, but it seems to work on the basis of a distorted and folded sine wave and has both an analog and a digital output.



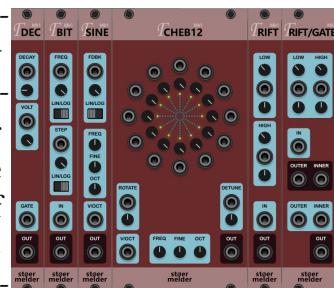
After **Vultari**, the second fun module from **Vult** is the Sallen-Key-Filter **Boomstick**. This should also be integrated as another model in **Freak**, both in the VCV rack version, as well as in the hardware via firmware update.



You can not say much about the new modules from **stoermelder** yet, they are not officially included in the plugin, but you can also compile them yourself. SI-

PO and **4ROUNDS** are listed under Sample & Hold and **EXIT** seems to be an associated trigger expander. Surely, we will soon learn more.

Anyone who has always wondered why the stoermelder modules are listed under **PackOne** now gets the answer in the form of **PackGamma**. **DEC Mk1** is an envelope generator, **BIT Mk1** is a bitcrusher, **SINE Mk1** is a sine wave oscillator, **CHEB12 Mk1** is an 8-voice oscillator with Chebyshev waveshaping, **RIFT Mk1** is a bandpass filter, and **RIFT/GATE Mk1** is a bandpass filter with split and merge Function



on. According to the developer, these modules are based on Lance Putnam's Gamma DSP Library and should be considered **experimental**. Binaries for all three operating systems can be downloaded.



Challenges & Collaborations

Very Cool Patch Challenge

Edition 41 of the **Very Cool Patch Challenge** is once again something special. This time, the patch must **not contain a delay or reverb**. Submissions can be submitted by **October 14th** and will be summarized in a playlist. A new challenge starts the next day.



In **Edition 40**, the module to be used was **Rainbow** by **Prism/Amalgamated Harmonics**. The contribu-

tions are summarized in a playlist.

Musical Pals

The musical chain letter Musical Pals now has a **few rules** that simplify the cooperation.



<https://community.vcvrack.com/t/musical-pals-4-collab-project/5691>

Videos & Tutorials

Omri Cohen:

Make Noise Mimeophon & VCV Rack Patch from Scratch Pt.2



Make Noise Mimeophon & VCV Rack Patch from Scratch Pt.3



Plaits Synthesis Models Series #1

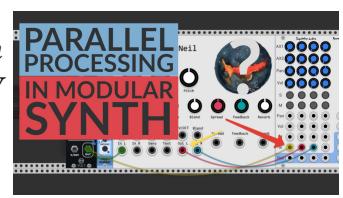


LifeFormModular - VCV Rack Live Stream



VCV Rack Ideas:

Parallel FX tracks in Modular Synth / VCV RACK TUTORIAL



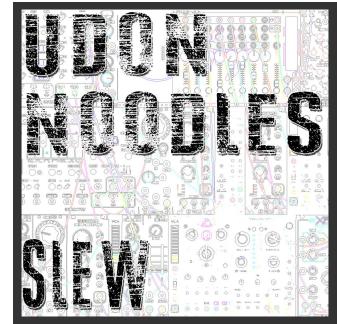
Music & Ideas

Playlist 41/2019

Phrozenlight:
Magnetosphere



Udon Noodles: Slew



Patches & Presets

AlasdairMoons:

Probably Not
<https://patchstorage.com/probably-not/>

In Between
<https://patchstorage.com/in-between/>

Devotion
<https://patchstorage.com/devotion/>

The green Torc
<https://patchstorage.com/the-green-torc/>

Disrupted
<https://patchstorage.com/disrupted/>

Corroded
<https://patchstorage.com/corroded/>

Resemblance
<https://patchstorage.com/resemblance/>

ali-a:

I'll think about it
<https://patchstorage.com/ill-think-about-it/>

Boaz Shoham:

gfhshsh
<https://patchstorage.com/gfhshsh/>

noisey ambient
<https://patchstorage.com/noisey-ambient/>

chaircrusher:

<https://community.vcvrack.com/uploads/short-url/tH1ElzTHrjUaEuZ0EV9WUCWk4xG.vcv>

<https://community.vcvrack.com/uploads/short-url/qaJ1mI06iE4Axx4F0NJJYnnFrEXi.vcv>

cyball:

Erica Fantasy
<https://patchstorage.com/erica-fantasy/>

Dave_Phillips:

Triple Burst Plus
<https://patchstorage.com/triple-burst-plus/>

Deerfeeder:

Monster Pad
<https://patchstorage.com/monster-pad/>

deniou:

DrY COmet
<https://patchstorage.com/dry-comet/>

Down of Hares:

Flock
<https://patchstorage.com/flock/>

fausto serone:

Angkor Wat

<https://patchstorage.com/angkor-wat/>

Flydogz:

Arpeggio extract

<https://patchstorage.com/arpeggio-extract/>

George_Locke:

bassy analog drone

<https://patchstorage.com/bassy-analog-drone/>

Ghalebor:

Sixth Great Extinction

<https://patchstorage.com/sixth-great-extinction/>

Boomstick March

<https://patchstorage.com/boomstick-march/>

jeremywen:

grids1

<https://patchstorage.com/grids1/>

fugue machine like thing

<https://patchstorage.com/fugue-machine-like-thing/>

markireland:

No Spank Fugue

<https://patchstorage.com/no-slap-fugue/>

michalmoc:

PatchNTweak_p.013_subharmonics_count_modula_A-113_MM_02.vcv

https://patchstorage.com/patchntweak_p-013-

subharmonics_count_modula_a-113_mm_02.vcv/

PatchNTweak_p.012_exploring_harmonics_MM_05.vcv

https://patchstorage.com/patchntweak_p-012_exploring_harmonics_mm_04-vcv/

Omri_Cohen:

Make Noise Mimeophon & VCV Rack Patch from Scratch Pt.3

<https://patchstorage.com/make-noise-mimeophon-vcv-rack-patch-from-scratch-pt-3/>

Plaits Synthesis Models Series #1

<https://patchstorage.com/plaits-synthesis-models-series-1/>

LifeFormModular – VCV Rack Live Stream

<https://patchstorage.com/lifeformmodular-vcv-rack-live-stream/>

Phrozenlight:

magnetosphere

<https://patchstorage.com/magnetosphere-2/>

Dwareling

<https://patchstorage.com/dwareling/>

SkwareUawe:

Have A Walk With 3 Friends

<https://patchstorage.com/have-a-walk-with-3-friends/>

trondolsen:

Chords-1

<https://patchstorage.com/chords-1/>

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

	A	B	C	D	E
1	Developer	Vers.	Plugin Manager	Poly	Download
2	21kHz	1.0.0		x	https://github.com/stefansebik/21kHz-rack-plugins
3	1987	1.0.0			https://github.com/cfoulc/1987
4	8Mode	0.6.1	x		
5	Admiral	1.0.0			https://github.com/wapiflapi/admiral
6	Aepelzens Modules	0.6.0 dev			https://github.com/Aepelzen/Aepelzens
7	Aepelzens Parasites	0.6.0 dev			https://github.com/Aepelzen/AepelzensParasites.git
8	Ahornberg	1.0.1	x		
9	Alikins		x		
10	alto777 LFSR	1.0.0			https://github.com/alto777/LFSR
11	Alright Devices	1.0.2	x		
12	Amalgamated Harmonics	1.0.3	x	x	
13	AmateurResearch	0.6.0			https://github.com/MattKuebrich/AmateurResearch
14	Animated Circuits	1.0.0	x		
15	aP Modules	0.6.0			https://github.com/aptrn/aP-Modules.git
16	Arable Instruments	1.0.0	x		
17	Aridacity	1.0.1	x	x	
18	arjo_modules	0.6.0	x		
19	AS	1.0.3	x		
20	AS Drums & Filters		x		
21	AS Seqs & Tools		x		
22	Audible Instruments	1.0.0	x		
23	Audible Instruments Preview	0.6.5	x		
24	Autinn	1.0.0	x	x	
25	Autodafe - REDs	1.0.0	x		
26	Autodafe - REDs FREE	1.0.0	x		
27	Autodafe Drum Kit	1.0.0	x		
28	Autodafe Module Pack	1.0.1	x		
29	av500	0.6.0	x		
30	Bacon Music	1.0.2	x	x	
31	Bargkass	0.6.0			https://github.com/korfuri/Bargkass.git
32	BB Modules	1.1.1	x		
33	BBI	0.6.0	x		
34	Beckstrom Research	0.6.0	x		
35	Befaco	1.0.0	x	(x)	
36	Bidoo	1.0.10	x		
37	Blamsoft	1.0.1	x	x	
38	Bogaudio	1.1.22	x		
39	Bokontep Byte Beat Machine	1.0.0	x		
40	Castle Rocktronics	0.6.0	x		
41	Catromodulo	1.0.2	x		
42	Catrom Blanco	1.0.0			https://github.com/catrommix/Catrom-Blanco
43	cf	1.1.0	x		
44	Charred Desert	1.1.0	x		
45	Chiptuner	1.0.0	x		
46	Chords	1.0.1	x	x	
47	Chortling Hamster Modules	1.1.1	x		
48	Circlefade	1.0.0	x		
49	Coirt	1.1.1	x	x	
50	Computerscare Modules	1.0.3	x	x	
51	Console	1.0.1			
52	Count Modula	1.4.2	x	x	
53	Creative Suite	1.0.1	x		
54	Crystal Palace	0.6.1.8	x		
55	Csound				https://github.com/Djack13/VCV_Csound.git
56	dekstop	0.6.0	x		https://github.com/dekstop/vcvrackplugins_dekstop.git
57	dBiz	1.1.2	x		
58	DHE Modules	1.0.5	x		
59	Dlwigg1z	0.6.0			https://github.com/dirkleas/DL
60	Dopefed	1.0.0			https://github.com/Strum/dopefed
61	DrumKit	1.1.0	x		
62	E-Series	1.0.1	x	x	
63	Edge	1.0.2	x	x	

	A	B	C	D	E
64	eh_modules	0.6.1	x		
65	Entrian	1.1.0	x		
66	Entrian Acoustic Drums	1.0.0	x		
67	Erica	1.0.2	x		
68	Erik	1.0.0			https://github.com/gle-bellier/vcvModules
69	Erratic Instruments	0.6.2	x		
70	Evil Turtle Productions				https://www.evilturtle.nl/store/plugins/vcvpack.html
71	Expert Sleepers	1.0.0	x		
72	FrankBuss	1.1.0	x	x	
73	Frozen Wasteland	1.9.8	x		
74	Fundamental	1.2.1	x	x	
75	Geodesics	1.0.0	x		
76	Glue the Giant	1.0.2	x	x	
77	GoodSheperd	1.0.1	x		
78	Grafix	0.6.0	x		
79	Grayscale	0.6.0	x		
80	Hammondeggs	0.6.0			https://github.com/hammondeggs/hammondeggsModules
81	HetrickCV	1.0.0	x		
82	Holonic Systems	1.0.2	x		
83	Hora	1.0.3	x		
84	Host	1.0.4	x	x	
85	huaba	0.6.3	x		
86	Impromptu Modular	1.1.0	x		
87	JE	0.6.0	x		
88	JW-Modules	1.0.9	x	x	
89	KarateSnoopy	1.0.0	x		
90	KlirrFactory	1.1.0		x	http://klirrfactory.com/
91	Koralfx Modules	1.0.2	x		
92	Kosmodules	0.6.0			https://github.com/calvinkosmatka/Kosmodules-Free
93	LabSeven	0.6.2	x		
94	LifeFormModular	1.0.0	x		
95	Lindenberg Research	1.2.0	x		
96	LOGinstruments	0.6.0	x		
97	Lomas Modules	1.0.2			
98	Loopus Modules	1.1.0	x		
99	luckyxxl	0.6.0	x		
100	Matthew Friedrichs	0.6.5	x		https://gumroad.com/friedrichsaudio
101	MicMusic	1.0.0	x		
102	MicroTools	0.6.0	x		
103	Milkrack	0.6.0			https://github.com/korfuri/Milkrack/releases
104	ML modules	1.0.2	x	x	
105	moDllz	1.1.6	x	x	
106	modular80	1.0.0	x		
107	Modular Fungi	1.0.1	x		
108	monome	1.0.0			https://github.com/Dewb/monome-rack
109	Mosquito Labs	1.1.1	x		
110	MrLumps	0.6.0	x		
111	mscHack	1.0.2	x		
112	MSM	0.6.5.1	x		
113	mtsch	0.6.0	x		
114	MyLittle Tools	1.0.3	x		
115	NauModular	0.6.0	x		
116	Niko	0.6.1			https://github.com/NikolajAndersson/
117	Nocturnal Encoder	0.6.1	x		
118	Nohmad	0.6.0	x		
119	Non Linear Instruments	0.6.0	x		
120	Noobhour modules	1.0.3	x	x	
121	nozoid	1.0.3			https://github.com/ch-nry/VCV_nozori
122	Nysthi	1.0.5	x	x	
123	Ohmer Modules	1.1.3	x	x	
124	Ohmer Prem	1.0.2	x		
125	Parable Instruments	1.0.0	x		
126	Parametra	1.0.0	x		
127	Patch & Tweak	1.0.0	x		

	A	B	C	D	E
128	PG-Instruments	0.6.4	x		
129	Prism	1.2.0	x		
130	Prototype	1.1.1	x		
131	Pulse Matrix	1.0.0	x		
132	PulsumQuadratum-SDR	0.6.0	x		
133	PvC	0.6.0	x		
134	Quadraphonics	0.6.3	x		
135	QuantalAudio	1.0.0	x		
136	Qwelk	0.6.1	x		
137	Racket-Science	1.0.0			https://github.com/ContemporaryInsanity/RacketScience
138	rcm	1.0.1	x		
139	Recorder	1.0.1	x		
140	repelzen	1.1.0	x	x	
141	RJModules	1.1.0	x		
142	Robotic Bean	1.0.1	x		
143	Rodent Modules	0.6.1	x		
144	Router	1.0.0	x		
145	S-ol	1.0.0	x		
146	Sb-StochKit	1.0.0			https://github.com/smbddha/sb-StochKit
147	Scalar	1.0.0	x		
148	SchmickleWorks	V1beta1.7		x	https://github.com/cclark2a/SchmickleWorks
149	Sculpt-O-Sound	0.6.4	x		
150	Semiramis	1.2.0	x		
151	SerialRacker	0.6.1	x		
152	Signal Flux	1.1.0	x		
153	Silent Way	1.0.0	x		
154	Simple module pack	0.6.0	x		
155	SKJack	1.0.0	x		
156	Skylights	1.0.2	x		
157	SLM	1.1.0	x		
158	Sonus Modular	1.1.0	x		
159	Southpole	1.0.0			https://github.com/gbrandt1/southpole-vcvrack
160	Southpole Parasites	0.6.0	x		
161	Spectra	1.0.0	x		
162	spin	0.6.2	x		
163	Squinky Labs	1.0.4	x	x	
164	Starling	1.0.0	x		
165	Stellare Modular	1.0.0	x		
166	stocaudio	1.0.1	x	x	
167	Stochasm	0.6.0	x		
168	StochKit	1.0.0	x		
169	stoermelder pack one	1.1.0	x	x	
170	stoermelder pack gamma	1.0.b0533f9			https://github.com/stoermelder/vcvrack-packgamma
171	Strong Kar	1.0.0	x		
172	Strum's Mental Modules	1.0.0	x		
173	STS	1.1.2	x	x	
174	Submarine Prototype	0.6.0	x		
175	SubmarineFree	1.0.4	x		
176	Submarine Utility	0.6.2	x		
177	Surge for Rack	1.beta1.1	x	x	
178	Synthetic	1.2.2	x		
179	SynthKit	1.0.1	x		
180	TercerBrazo	1.0.0	x		
181	TriggerFish Elements	0.6.4	x		
182	trowaSoft	1.0.1	x		
183	Unfiltered Volume 1	1.0.0	x		
184	Unforgettable Luncheon	0.6.3	x		
185	unless modules	1.0.0	x		
186	TechTech Technologies	1.0.0			https://github.com/wlaub/vcv
187	The XOR	1.1.1	x		
188	Tiny Tricks	1.0.2	x		https://github.com/thomassidor/tinytricks
189	TWD Plugins	0.6.0			https://github.com/trblwdreams/
190	Valley	1.0.1	x		
191	VCV	1.0.1	x	x	

(notrtab) 15.10.2019, 06:38:54

	A	B	C	D	E
192	Vitamin	1.0.0	x	x	
193	Vult Compacts	1.5.0	x	x	
194	Vult Modules	1.5.0	x	x	
195	Vult Modules (Free Version)	1.5.0	x	x	
196	Vult Mysteries	1.5.0			
197	What the Rack	1.1.1	x		
198	wiqid anomalies	1.1.0	x	x	
199	Wrong People	1.0.0	x		
200	ym2612	1.0.0	x		
201	ZZC	1.1.0	x	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.