

#25/2020

# NEWS of the RACK VCV



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

Modular Synthesis w/ VCV Rack by Will o Wisp

29 June — 05 July 2020  
3 days online-course  
148 €

modularsynthesis.com

microtonal expressions

Dark City

Patching for Beginners Part VI

REKT

OSCILOSCOPE ART in VCV RACK

MODULAR SOUND DESIGN WITH:  
**VCV RACK #051**

SUBTITULOS EN ESPANOL 7:29

Patreon Q&A  
June 2020

- VCV/Hardware VS DAW workflow -
- Phase Distortion -
- Semitones control -
- More sequencing tips -
- Discount for Patrons on commercial collections -
- Different ways to patch your hardware -
- Harmonic quantization -
- Creating a super-saw -

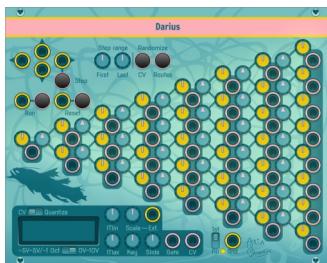
**Hello everyone in Rackland,**

Now it's official, I'm going to give a 16-hour beginners course on the basics of modular systems at the Volkshochschule Coburg. The course participants will only use VCV's core and fundamental modules. I myself will also use other modules to visualize the basics. I am very happy that my idea was enthusiastically received by those responsible and if the demand is corresponding, I will offer further courses that build on this and that deal with specific aspects such as synthetic forms.

The participants will receive a German handout, which I will also translate into English and make available to our community. If you would like to offer this course at another adult education center, please email me. I do not know if such facilities exist in other countries, but of course this offer is not only limited to Germany.

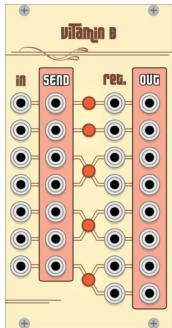
And now for the news

# Developer News & other News

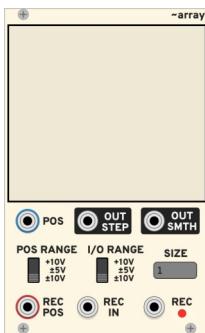


**Aria Salvatrice's Darius** sequencer is now compatible with the **Portable Sequences Standard** and can therefore exchange sequences with **Entrian**, **Impromptu** and **Squinky Labs**. A quantizer has also been implemented.

The **PdArray Array** module has been given additional options in the latest update **1.0.5**.

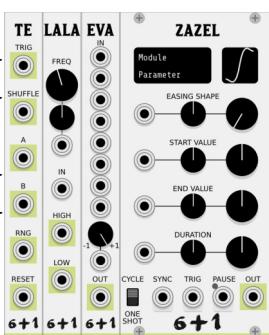


The **Vitamin B** bypass module from **Vitamin** has been revised with version **1.0.1** and a bug has been eliminated.



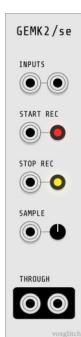
**Squinky Labs** is working behind the scenes on additional modules. Part of it can now be compiled and tested in the new github repository "**Demo**". At the moment there are **2 oscillators**.

**StudioSixPlusOne** provides binaries of its test modules for all 3 platforms on its github page. **TE** is an expander for Tyrant, **LALA** a 2-way crossover filter, **EVA** a VCA and **ZAZEL** an LFO.

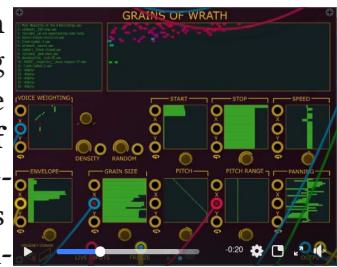


Also this week there are new modules that I have already presented as beta versions.

The **VoxGlitch Grain Engine MK2 Expander** for audio recording is now available in the library.



**Frequency Domain** are currently working on a granular module called **Grains of Wrath**. Like the **VoxGlitch** modules, this is based on the book **Micsound** by Curtis Roads.



The **Future Media Academy** offers from 29.6. until 6.7. for € 148 a 3-day **online course**. This will be carried out by **Will O Wisp** and the topic is "**Modular Synthesis w / VCV Rack**".

## Beta-Versions (wip)



**Bogaudio** has released the binaries for its latest test build on its github page. The parametric equalizer **PEQ** is new in **v1.1.31-test6**.

## New Modules

The **KautenjaDSP RackNES**, a NES emulator that processes NES Rom files, can now also be obtained from the library.





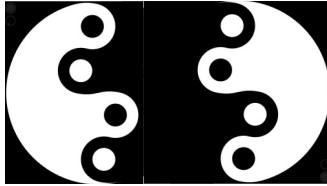
The ONA oscillator from **NANO Modules**, on the other hand, is a completely new module and a clone of the Hardware Eurorack Module.

**SV Modular** develops some plugins. He now publishes modules under the "**Personal Modules**" label that he actually developed for his personal needs. The attenuator **Bias** and **Break**, the clock module **Chrono**, the equalizer **Eq**, the Panner **Multipan**, the **VCA** and the **VCO** are all free of charge and 16 voices polyphonic.



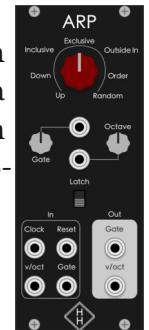
## Challenges & Collaborations

### Very Cool Patch Challenge



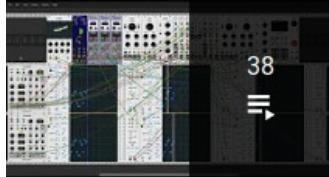
The theme of Edition 55 of the **Very Cool Patch Challenge** is "**Contrast**". It is up to you how the topic is interpreted. Deadline is **June 22nd**. The contributions are summarized in a playlist.

Edition 54 of the **Very Cool Patch Challenge** once again focused on a single module. This time, a patch should be created using the **Arp** module from **Hampton Harmonics**.

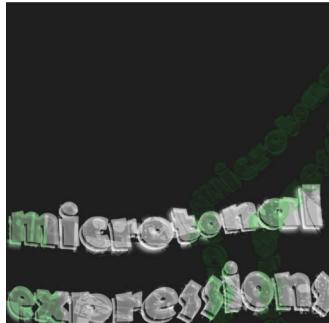


## Music & Ideas

### Playlist 25/2020:



**Ahornberg:**  
microtonal expressions



**espaces sonores:**  
inFine



**Fahmi M.:**  
Phenomenon



**Omri Cohen:**  
Absence



**REKT:**  
Dark City



## Videos & Tutorials

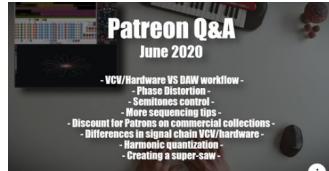
**Federico Soler Fernández:**

DAY 051 - VCO -  
Bogaudio - VCV Rack  
(Subs Español)



**Omri Cohen:**

Patreon Q&A - June  
2020



Beginner's Patches VI -  
Drum Synthesis - Snare  
Drum



**VCV Rack Ideas:**

How to make  
Oscilloscope ART in  
VCV Rack TUTORIAL



## Patches & Presets

**almostEric:**

7 on 11 polyrhythm  
<https://patchstorage.com/7-on-11-polyrhythm/>

**animatek:**

2osc\_Lfo\_pW  
[https://patchstorage.com/2osc\\_lfo\\_pw/](https://patchstorage.com/2osc_lfo_pw/)

**Arbane:**

200 Oscillator Drone  
<https://patchstorage.com/200-oscillator-drone/>

200 Oscillator Drone  
<https://patchstorage.com/200-oscillator-drone-2/>

200 Oscillator Drone  
<https://patchstorage.com/200-oscillator-drone-3/>

**blackearth:**

Nor Easter Rumble Noise  
<https://patchstorage.com/nor-easter-rumble-noise/>

keep on pressing on  
<https://patchstorage.com/keep-on-pressing-on/>

Gator Hunting  
<https://patchstorage.com/gator-hunting/>

You go, I go  
<https://patchstorage.com/you-go-i-go/>

I won't tell if you won't (Stay with me)  
<https://patchstorage.com/i-wont-tell-if-you-wont-stay-with-me/>

Phaser Taser

<https://patchstorage.com/phaser-taser-glue-the-giant-nysthivult-aut-innrj-modulares-count-modulaasjwaudioable-instruments-bogaudionyঠি/>

What's all that noise  
<https://patchstorage.com/whats-all-that-noise/>

Spiritual warefare  
<https://patchstorage.com/spiritual-warefare/>

Digital Distortion Choices  
<https://patchstorage.com/digital-distortion-choices/>

#### **Down of Hares:**

Mandrake  
<https://patchstorage.com/mandrake/>

#### **drewofdoom:**

Coffee Black 2020-06-21  
<https://patchstorage.com/coffee-black-2020-06-21/>

#### **eelromance:**

Random Modules #4  
<https://patchstorage.com/random-modules-4-2/>

#### **educavaedu:**

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

#### **koma2000:**

Effortless Motion (ambient) – Cyclical movement in pitch by offsetting random sampler with an LFO  
<https://patchstorage.com/effortless-motion-ambient-cyclical-movement-in-pitch-by-offsetting-random-sampler-with-an-lfo/>

“Minimalist” Patch – Marbles + Rings + Clouds  
<https://patchstorage.com/minimalist-patch-marbles-rings-clouds/>

#### **markireland:**

Audible Four  
<https://patchstorage.com/audible-four/>

#### **Omri\_Cohen:**

Beginner’s Patches VI – Drum Synthesis – Snare Drum  
<https://patchstorage.com/beginners-patches-vi-drum-synthesis-snare-drum/>

#### **Screenslave:**

Simple Piano Emulation  
<https://patchstorage.com/simple-piano-emulation/>

Simple Piano Emulation  
<https://patchstorage.com/simple-piano-emulation-2/>



	A	B	C	D	E
1	Developer	Vers.	Plugin Manager	Poly	Download
2	21kHz	1.0.1	x	x	
3	23volts	1.1.5	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	Aaron Static	1.0.0	x		
7	Admiral	1.1.0	x		
8	Aepelzens Modules	0.6.0 dev			<a href="https://github.com/Aepelzen/Aepelzens">https://github.com/Aepelzen/Aepelzens</a>
9	Aepelzens Parasites	0.6.0 dev			<a href="https://github.com/Aepelzen/AepelzensParasites.git">https://github.com/Aepelzen/AepelzensParasites.git</a>
10	Ahornberg	1.1.1	x		
11	Alikins		x		
12	alto777 LFSR	1.0.0	x		
13	Alright Devices	1.0.2	x		
14	Amalgamated Harmonics	1.0.4	x	x	
15	AmateurResearch	0.6.0			<a href="https://github.com/MattKuebrich/AmateurResearch">https://github.com/MattKuebrich/AmateurResearch</a>
16	Animated Circuits	1.0.0	x		
17	aP Modules	0.6.0			<a href="https://github.com/aptrn/aP-Modules.git">https://github.com/aptrn/aP-Modules.git</a>
18	Arable Instruments	1.0.0	x		
19	Aria Salvatrice	1.4.2	x	x	
20	Aridacity	1.0.1	x	x	
21	arjo_modules	0.6.0	x		
22	AS	1.0.4	x		
23	AS Drums & Filters	1.0.2	x		
24	AS Seqs & Tools	1.0.2	x		
25	Audible Instruments	1.3.0	x	x	
26	Audible Instruments Preview	0.6.5	x		
27	Aunty Langton's - FREE	1.0.1	x		
28	Aura Audio	1.0.2	x		
29	Autinn	1.0.0	x	x	
30	Autodafe - REDs	1.0.0	x		
31	Autodafe - REDs FREE	1.0.0	x		
32	Autodafe Drum Kit	1.0.0	x		
33	Autodafe Module Pack	1.0.1	x		
34	av500	0.6.0	x		
35	Az-vcv	1.0.0	x		
36	Bacon Music	1.0.2	x	x	
37	Bargkass	0.6.0			<a href="https://github.com/korfuri/Bargkass.git">https://github.com/korfuri/Bargkass.git</a>
38	BB Modules	1.1.1	x		
39	BBI	0.6.0	x		
40	Beckstrom Research	0.6.0	x		
41	Befaco	1.0.1	x	(x)	
42	Bidoo	1.1.22	x	x	
43	Blamsoft	1.0.1	x	x	
44	Bogaudio	1.1.31-test6	x	x	
45	Bokontep Byte Beat Machine	1.0.0	x		
46	Captain's Sounds	1.0.5	x	x	
47	Castle Rocktronics	0.6.0	x		
48	Catromodulo	1.0.3	x		
49	Catrom/Blanco	1.0.0	x		
50	cf	1.1.1	x		
51	Charred Desert	1.3.1	x		
52	Chiptuner	1.0.0	x		
53	Chords	1.0.1	x	x	
54	Chortling Hamster Modules	1.1.2	x		
55	Circlefade	1.0.0	x		
56	Coirt	1.2.5	x	x	
57	Computerscare Modules	1.3.0	x	x	
58	Console	1.0.1			
59	Count Modula	1.10.0	x	x	
60	Creative Suite	1.1.1	x		
61	Crystal Palace	1.0.0	x		
62	Csound	1.0.0	x		<a href="https://github.com/dizzisound/VCV_Csound">https://github.com/dizzisound/VCV_Csound</a>
63	Dark Alias (Friedrichs Audio)	1.0.0			<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>

	A	B	C	D	E
64	dekstop	0.6.0	x		<a href="https://github.com/dekstop/vcvrackplugins_dekstop.git">https://github.com/dekstop/vcvrackplugins_dekstop.git</a>
65	dBiz	1.1.2	x		
66	DHE Modules	1.2.0	x		
67	Dlwigglz	0.6.0			<a href="https://github.com/dirkleas/DL">https://github.com/dirkleas/DL</a>
68	Dopefed	1.0.0	x		<a href="https://github.com/Strum/dopefed">https://github.com/Strum/dopefed</a>
69	DrumKit	1.1.4	x		
70	DrumKit Pro	1.1.1	x		
71	Duffy Modular	1.0.0			<a href="https://github.com/dplduffy/DFYM">https://github.com/dplduffy/DFYM</a>
72	E-Series	1.0.2	x	x	
73	Edge	1.0.2	x	x	
74	eh_modules	0.6.1	x		
75	Entrian free	1.1.15	x		
76	Entrian Acoustic Drums	1.6.15	x		
77	Entrian Sequencers	1.1.15	x		
78	Erica	1.0.4	x		
79	Erik	1.0.0			<a href="https://github.com/gle-bellier/vcvModules">https://github.com/gle-bellier/vcvModules</a>
80	Erratic Instruments	0.6.2	x		
81	Evil Turtle Productions				<a href="https://www.evilturtle.nl/store/plugins/vcvpack.html">https://www.evilturtle.nl/store/plugins/vcvpack.html</a>
82	Expert Sleepers	1.0.0	x		
83	FLOATS (Friedrichs Audio)	1.0.0			<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
84	FrankBuss	1.1.0	x	x	
85	Frequency Domain	1.5.5	x	x	
86	Frozen Wasteland	1.15.0	x	x	
87	Fundamental	1.4.0	x	x	
88	FV-1.emu	1.0.2	x		
89	Geodesics	1.1.1	x	x	
90	Glue the Giant	1.1.1	x	x	
91	GoodSheperd	1.1.0	x		
92	Grafix	0.6.0	x		
93	Grayscale	0.6.0	x		
94	Hammondeggs	0.6.0			<a href="https://github.com/hammondeggs/hammondeggsModules">https://github.com/hammondeggs/hammondeggsModules</a>
95	Hampton Harmonics	1.1.0	x	x	
96	HetrickCV	1.0.0	x		
97	Holonic Systems	1.0.5	x		
98	Hora	1.0.5	x	x	
99	Host	1.1.0	x	x	
100	Hot Bunny (Friedrichs Audio)	1.0.0			<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
101	huaba	1.1.0			<a href="https://github.com/dhuber81/huaba">https://github.com/dhuber81/huaba</a>
102	IlovePerlin	1.0.0	x		
103	Impromptu	1.1.6	x	x	
104	Interrobang (Free)	1.0.2	x		
105	JE	1.0.0	x		
106	Jlmod	1.0.0	x		
107	JW-Modules	1.0.11	x	x	
108	KarateSnoopy	1.0.0	x		
109	KautenjaDSP	1.1.4	x		
110	KlirrFactory	1.1.0		x	<a href="http://klirrfactory.com/">http://klirrfactory.com/</a>
111	kocomoc	1.3.2	x		
112	Koralfx Modules	1.0.2	x		
113	Kosmodules	1.0.1	x		
114	LabSeven	1.0.0	x		
115	LifeFormModular	1.1.0	x		
116	Lindenberg Research	1.3.3	x		
117	Little Utils	1.0.3	x		
118	Loco Modules	1.1.1			<a href="https://github.com/perky/LocoVCVModules">https://github.com/perky/LocoVCVModules</a>
119	LOGInstruments	1.0.1	x		
120	Lomas Modules	1.0.9	x		
121	Loopus Modules	1.3.0	x		
122	Luckyxxl	0.6.0	x		
123	Lunetta Modula	1.1.0	x		
124	manikk Free Modules	1.0.0	x		
125	Mantra	1.0.1	x		
126	Matthew Friedrichs	0.6.5	x		<a href="https://gumroad.com/friedrichsaudio">https://gumroad.com/friedrichsaudio</a>
127	MicMusic	1.0.0	x		

	A	B	C	D	E
128	MicroTools	0.6.0	x		
129	Milkrack	0.6.0			<a href="https://github.com/korfuri/Milkrack/releases">https://github.com/korfuri/Milkrack/releases</a>
130	MindMeld	1.1.7	x	x	
131	ML modules	1.1.2	x	x	
132	Moaneschien	1.0.0			<a href="https://github.com/Moaneschien/4rack">https://github.com/Moaneschien/4rack</a>
133	Mockba Modules	1.2.1	x	x	
134	Mockba Proton	1.0.7	x	x	
135	Mockba Model V	1.0.7	x	x	
136	Mockba Model X	1.0.7	x	x	
137	Mockba Modular Tools	1.0.2	x		
138	Mockba Special Vintage Oscillat	1.0.6	x	x	
139	Mog	1.1.1	x		
140	moDllz	1.1.6	x	x	
141	modular80	1.0.1	x		
142	Modular Fungi	1.1.0	x		
143	monome	1.0.0			<a href="https://github.com/Dewb/monome-rack">https://github.com/Dewb/monome-rack</a>
144	Mosquito Labs	1.1.1	x		
145	MrLumps	1.0.0	x		
146	mscHack	1.0.2	x		
147	MSM	1.0.0	x		
148	mtsch	0.6.0	x		
149	MyLittle Tools	1.0.3	x		
150	NANO Modules	1.6.0	x	x	
151	NauModular	0.6.0	x		
152	NEX	1.1.1	x		
153	Niko	0.6.1			<a href="https://github.com/NikolajAndersson/">https://github.com/NikolajAndersson/</a>
154	Nocturnal Encoder	1.0.0	x		
155	Nohmad	1.0.0	x		
156	NonLinearInstruments	1.0.0	x		
157	Nonlinear Circuits	1.0.0	x		
158	Noobhour modules	1.0.3	x	x	
159	NoraCodes	1.2.2	x		
160	nozoid	1.1.5	x		
161	Number9	1.2.1	x		
162	Nysthi	1.0.13	x	x	
163	Ohmer Modules	1.1.6	x	x	
164	Ohmer Prem's	1.0.2	x		
165	OrangeLine	1.3.3	x		
166	Parable Instruments	1.0.0	x		
167	Parametra	1.0.0	x		
168	Patch & Tweak	1.0.0	x		
169	PdArray	1.0.5	x		
170	Personal Modules	1.0.0	x	x	
171	Pfzzz	1.1.0	x		
172	PG-Instruments	0.6.4	x		
173	Prism	1.2.0	x		
174	Prototype	1.2.0	x		
175	Pulse Matrix	1.0.0	x		
176	PulsumQuadratum-SDR	0.6.0	x		
177	PS-PurrSoftware	1.0.7	x	x	
178	PvC	0.6.0	x		
179	Quadraphonics	0.6.3	x		
180	QuantalAudio	1.0.0	x		
181	Qwelk	1.0.0	x		
182	Racket-Science	1.1.0	x		
183	Rackwindows	1.0.4			<a href="https://github.com/n0jo/rackwindows">https://github.com/n0jo/rackwindows</a>
184	rcm	1.1.0	x		
185	rchoices	1.0.0	x		
186	Recorder	1.0.1	x		
187	Regen Modular	1.0.1	x	x	
188	repelzen	1.1.0	x	x	
189	ReTunes	1.0.0	x		
190	RJModules	1.8.0	x	x	
191	Robotic Bean	1.0.1	x		

	A	B	C	D	E
192	Rodent Modules	0.6.1	x		
193	Router	1.0.1	x		
194	S-ol	1.0.0	x		
195	Sb-StochKit	1.0.0	x		
196	Scalar	1.0.0	x		
197	ScannerDarkly	1.0.1	x		
198	SchmickleWorks	V1beta1.7		x	<a href="https://github.com/cclark2a/SchmickleWorks">https://github.com/cclark2a/SchmickleWorks</a>
199	Sckitam	1.0.5	x	x	
200	Sculpt-O-Sound	1.1.0	x	x	
201	Semiramis	1.3.1	x	x	
202	SerialRacker	0.6.1	x		
203	Signal Flux	1.1.0	x		
204	Silent Way	1.0.0	x		
205	Simple module pack	0.6.0	x		
206	SKJack	1.0.0	x		
207	Skylights	1.0.2	x		
208	SLM	1.1.0	x		
209	Sonus Modular	1.3.0	x	x	
210	Southpole	1.0.0			<a href="https://github.com/gbrandt1/southpole-vcvrack">https://github.com/gbrandt1/southpole-vcvrack</a>
211	Southpole Parasites	0.6.0	x		
212	Spectra	1.0.1	x		
213	Spektro Audio	1.0.0	x		
214	spin	0.6.2	x		
215	Squinky Labs	1.0.8	x	x	
216	Starling	1.0.1	x		
217	Stellare Modular	1.1.1	x		
218	stocaudio	1.0.1	x	x	
219	Stochasm	0.6.0	x		
220	StochKit	1.0.0	x		
221	stoermelder pack one	1.7.066cce0	x	x	
222	stoermelder pack gamma	1.0.cd7a953			<a href="https://github.com/stoermelder/vcvrack-packgamma">https://github.com/stoermelder/vcvrack-packgamma</a>
223	Strong Kar	1.0.0	x		
224	Strum's Mental Modules	1.0.2	x		
225	STS	1.1.2	x	x	
226	StudioSixPlusOne	1.1.0	x	x	
227	Submarine Prototype	0.6.0	x		
228	SubmarineFree	1.1.5	x		
229	Submarine Utility	0.6.2	x		
230	Surge for Rack	1.1beta1.4	x	x	
231	Synbin	1.0.0			<a href="https://github.com/Synbin/Synbin-VCV-Modules">https://github.com/Synbin/Synbin-VCV-Modules</a>
232	Synthetic	1.3.1	x	x	
233	Synthetic FX	1.2.0	x	x	
234	Synthetic FX Free	1.0.3	x		
235	SynthKit	1.0.1	x		
236	TechTech Technologies	1.0.0			<a href="https://github.com/wlaub/vcv">https://github.com/wlaub/vcv</a>
237	TercerBrazo	1.0.3	x		
238	The XOR	1.1.1	x		
239	Tiny Tricks	1.5.0	x	x	
240	TriggerFish Elements	1.0.1	x		
241	trowaSoft	1.0.2	x		
242	TWD Plugins	0.6.0			<a href="https://github.com/trblwdreams/">https://github.com/trblwdreams/</a>
243	Unfiltered Volume 1	1.1.0	x		
244	Unfiltered Volume 2	1.0.0	x		
245	Unforgettable Luncheon	0.6.3	x		
246	unless modules	1.0.0	x		
247	Valley	1.0.1	x		
248	VCV	1.0.1	x	x	
249	Vitamin	1.0.1	x	x	
250	voxglitch	1.16.0	x		
251	Vult Compacts	1.10.1	x	x	
252	Vult Modules	1.10.1	x	x	
253	Vult Modules (Free Version)	1.10.1	x	x	
254	Vult Mysteries	1.10.1	x		
255	What the Rack	1.1.1	x		

	A	B	C	D	E
256	wiqid anomalies	1.1.0	x	x	
257	Wrong People	1.0.0	x		
258	ym2612	1.0.0	x		
259	ZZC	1.1.2	x	x	
260	ZZC Phaseque	1.1.1	x		

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 self compiled.)  
Changes are highlighted in red,  
V1 versions magenta.