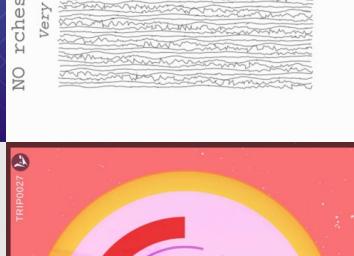
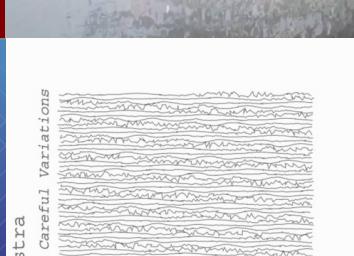
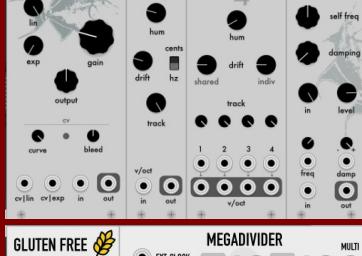


#06/2020

NEWS of the RACK in VCV

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



Editorial

Hello everyone in Rackland,

Bernoulli, Boole, Euclid, Fibonacci, Gauss, Markov, arithmetic, attractors, fractals, neurons, prime numbers, tachyons, Tourette syndrome etc. etc. are names and terms that most of us learned at some point in school. At that time I was still thinking, what should I need that for later? But I never expected that it would be in music of all places. But if you think about it, it is actually logical, because every mathematical function can be represented graphically and each waveform generated in this way can be implemented acoustically if you define the X-axis as frequency and the Y-axis as amplitude. And every formula can be used again in different equations. If you want to try it yourself, Formula from Frank Buss is highly recommended. But there are also some modules that give an indication of how they work. Euclidean sequences that calculate the division of a measure using the largest common divisor of two numbers are very popular at the moment. This calculation is even comparatively simple, but as already mentioned, there are modules that do the same. And then there are Vult's Mysteries Modules. After learning neural networks (Skynet says hello), Vult is now presenting the Lapsus module, a non-Euclidean rhythm generator, with which we are now entering the curved space in which the sum of the angles of the triangle is greater than 180 degrees. I am excited to see what we will discover there.

And now for the news

Developer News & other News

Dieter Stubler, the mastermind behind the **OrangeLine** modules, explains in a Facebook post how the **Mother** module is used for church scales.

The largest **CPU eaters** in VCV rack include Portland Weather and the associated comb filter section hairpick from **Frozen Wasteland**. According to developer **Eric Sterling**, Hairpick has now implemented its own delay algorithm, thus **improving** the sound and drastically **reducing** CPU consumption. Portland Weather should also be optimized accordingly.



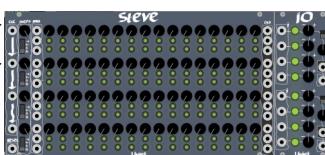
In the area of beta versions, we have some new module developers today.



Mog-VCV is working on **Network**, a "node-based" polyphonic sequencer that consists of 16 identical nodes.

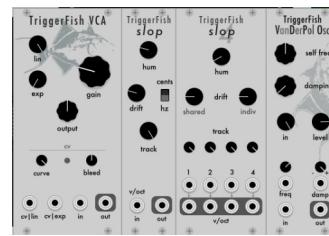
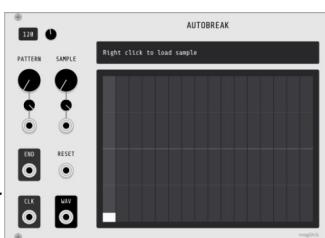
The **Steve** and **Io** modules from **UniekRack**

were inspired by Steenvio's art of creating sequences.



The **alea** module from **forsitan modulare** is a 1 module variant of **WhatTheRack** from **korfuri**. Interea creates a chord from a V/Oct signal.

A beta version, which according to the developer will still get some revisions, is **Autobreak** by **voxglitch**, which is called Breakbeat Module.



TriggerFishElements Modules **Slop**, **Slop4**, **VdPO** and **VCA** are now also available for **V1**, but currently have to be compiled by yourself.

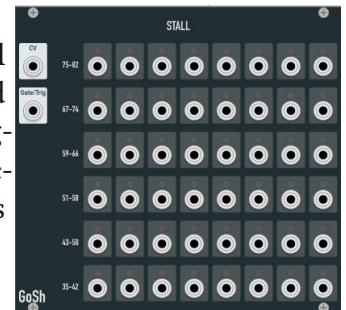
Voxglitch has released version **1.2.1** of its modules. **Goblins** are now stereo.



Beta-Versions



RJModules has just released version **1.7.2**, with version **1.8.0** there are two new modules. **GlutenFree** is a granular synthesis generator and **MegaDiver** is a 1:64 clock divider.



GoodSheperd's Stall is a CV controlled splitter for gate / trigger signals, which accepts CV at midi notes 35-82.

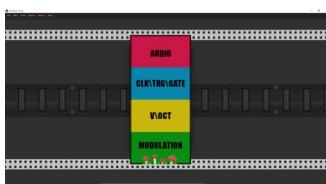


Rabits from **StrangeAttractor** is a VCO that is based on the logistic growth function which is responsible for many basic fractal observations.



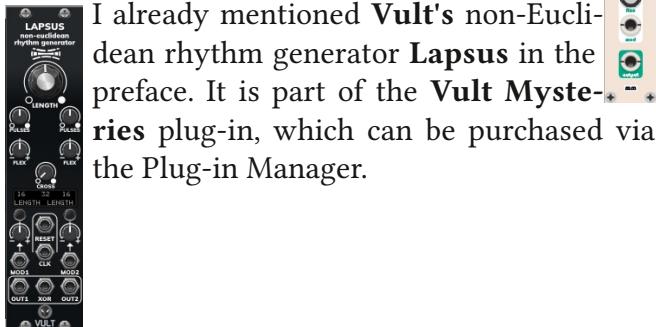
Clocked by ImpromptuModular is one of the most popular clock generators in VCV rack, but it offers some options that are not always needed. A reduced and more compact variant of this will soon appear under the name **CLKD**.

New Modules



For those who want to use the **color code of Omri Cohens Patches**, but cannot remember it, there is now a **blank module** in the **Modular Fungi** collection.

The **Special Vintage Oscillators** plug-in from **Mockba Modular** now consists of 4 modules. The Wave Modulation Oscillator **WM** is new.



I already mentioned **Vult's** non-Euclidean rhythm generator **Lapsus** in the preface. It is part of the **Vult Mysteries** plug-in, which can be purchased via the Plug-in Manager.

Why only 1 module, when I can publish 13 at once, our **Count Modula** probably thinks and presents **Euclidean Sequencer**, **Euclidean Sequencer Expander**, **Voltage Scaler**, **Polyphonic Min / Max**, **Polyphonic Breakout**, **Polyphonic Mute**, **8 Step Sequencer**, **8 Step Sequencer Channel Expander**, **16 Step Sequencer**, **16 Step Sequencer Channel Expander**, **8 x 8 Gate Sequencer**, **8 x 16 Gate Sequencer** and **Master Reset Controller**. In addition, some modules have been revised with version **1.7.1**.



Challenges & Collaborations

Very Cool Patch Challenge

In Edition 49 of the **Very Cool Patch Challenge**, the **Voxglitch Ghosts** module must be used. Contributions can be made until **10.2.** submitted and a new challenge begins the next day. As always, the contributions are summarized in a playlist.



In Edition 48 of the **Very Cool Patch Challenge**, was to use **MSM's Treasure oscillator**. As always, the contributions were summarized in a **playlist**.



Music & Ideas

Playlist 06/2020



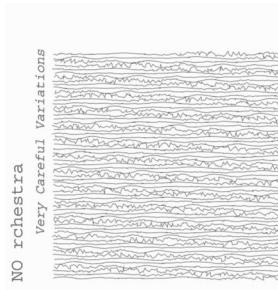
Angelina Lambrikht & Fahmi M.: Park



Fahmi M.: Element



NO rchestra: Very Careful Variations



Chaircrusher: 3Phase



Videos & Tutorials

Cabotage KSM:

Is the EBow an oscillator?



Tuesdays of only with... autodafe



Federico Soler Fernández:

DAY 036 - SLN - Amalgamated Harmonics VCV Rack



logor rhoia:

Tutorial: Nysthi Simpliciter in vcv rack



Omri Cohen:

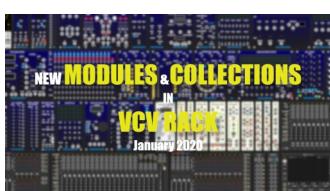
SV Modular - Synthetic Synths



Plaits Synthesis Models Series #4



An Overview of new modules and collections in VCV Rack - January 2020



VCV Rack Ideas:

Voxglitch GHOSTS - GRANULAR sample player in VCV RACK / TUTORIAL



Patches & Presets

animatek:

#*Jamuary14*

<https://patchstorage.com/jamuary14/>

chribbe:

Sounds of Helsinki Metro // VCP-49

<https://patchstorage.com/sounds-of-helsinki-metro-vcp-49/>

cyball:

Ambient Musings 01

<https://patchstorage.com/ambient-musings-01/>

deep-drone:

Ambient Maze 20200202

<https://patchstorage.com/ambient-maze-20200202/>

Stream sound with Audible macro oscillator2, texture synthesizer and delay modules
<https://patchstorage.com/stream-sound-with-audible-macro-oscillator2-texture-synthesizer-and-delay-modules/>

drewofdoom:

Coffee Black – 2020-02-02

<https://patchstorage.com/coffee-black-2020-0202/>

Chamomille – 2020-02-02

<https://patchstorage.com/chamomille-2020-02-02/>

Coffee Black – 2020-02-04

<https://patchstorage.com/coffee-black-2020-02-04/>

Coffee Black – 2020-02-04-02

<https://patchstorage.com/coffee-black-2020-02-04-02/>

Chamomille – 2020-02-04

<https://patchstorage.com/chamomille-2020-02-04/>

Chamomille – 2020-02-05

<https://patchstorage.com/chamomille-2020-02-05/>

fausto serone:

Bartimeus

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

yellowstone

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

foma:

[testing Omri] Chaining Sequences

<https://patchstorage.com/testing-omri-chaining-sequences/>

George_Locke:

sequence_with_random

https://patchstorage.com/sequence_with_random/

harmonie:

Click clack

<https://patchstorage.com/click-clack/>

Click clack (and drums)

<https://patchstorage.com/click-clack-and-drums/>

Ixegs:

Gaussian Melody

<https://patchstorage.com/gaussian-melody/>

JamieReynolds:

mellow rainy day beat with nice chords

<https://patchstorage.com/mellow-rainy-day-beat-with-nice-chords/>

klaussualk:

Dark Matter Emission (A)

<https://patchstorage.com/dark-matter-emission-a/>

Levillian:

Around the Way and Back

<https://patchstorage.com/around-the-way-and-back/>

litpnm:

Bad Idea Experiment #1 – AD/LFO/SH Sequencer

<https://patchstorage.com/bad-idea-1-3-ad-lfo-sh-sequencer/>

Expressive Random Sequencer w/ Varispeed Sampler (All Free Modules)

<https://patchstorage.com/expressive-random-sequencer-w-varispeed-sampler-all-free-modules/>

logorrhoia:

Experimental_Simpliciter

https://patchstorage.com/experimental_simpliciter/

Waldlichtung

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

NYSTHI_Simpliciter

<https://patchstorage.com/nysthi-simpliciter/>

Marc_Brafman:

Destiny (remix)

<https://patchstorage.com/destiny-remix/>

Omri_Cohen:

An Overview of new modules and collections in VCV Rack – January 2020

<https://patchstorage.com/an-overview-of-new-modules-and-collections-in-vcv-rack-january-2020/>

Plaits Synthesis Models Series #4

<https://patchstorage.com/plaits-synthesis-models-series-4/>

purf:

Whimsical Is a Word I Had Not Used Before

<https://patchstorage.com/whimsical-is-a-word-i-had-not-used-before/>

schmooster:

current live patch 2020-02-09

<https://patchstorage.com/current-live-patch/>

technochitlin:

Maze stream_jw

https://patchstorage.com/maze-stream_jw/

Uncle Chrome:

Omri's Maze

<https://patchstorage.com/omris-maze/>

Sollte ich jemanden übersehen haben,
tut es mir leid. Gebt mir dann bitte Bescheid.

Aktuelle Modulversionen der Entwickler
(nicht alle sind im Pluginmanager und
manche müssen selbst compiled werden.)
Änderungen sind **rot** hervorgehoben,
V1 Versionen **magenta**.

	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	23volts	1.1.4	x	x	
4	1987	1.0.0			https://github.com/cfoulc/1987
5	8Mode	1.0.0			https://github.com/8Mode/8Mode-VCV_Modules/issues/4
6	Aaron Static	1.0.0	x		
7	Admiral	1.0.0	x		
8	Aepelzens Modules	0.6.0 dev			https://github.com/Aepelzen/Aepelzens
9	Aepelzens Parasites	0.6.0 dev			https://github.com/Aepelzen/AepelzensParasites.git
10	Ahornberg	1.0.2	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			https://github.com/MattKuebrich/AmateurResearch
16	Animated Circuits	1.0.0	x		
17	aP Modules	0.6.0			https://github.com/aptrn/aP-Modules.git
18	Arable Instruments	1.0.0	x		
19	Aria Salvatrice	1.3.0	x	x	
20	Aridacity	1.0.1	x	x	
21	arjo_modules	0.6.0	x		
22	AS	1.0.3	x		
23	AS Drums & Filters		x		
24	AS Seqs & Tools		x		
25	Audible Instruments	1.0.0	x		
26	Audible Instruments Preview	0.6.5	x		
27	Aunty Langton's - FREE	1.0.0	x		
28	Autinn	1.0.0	x	x	
29	Autodafe - REDs	1.0.0	x		
30	Autodafe - REDs FREE	1.0.0	x		
31	Autodafe Drum Kit	1.0.0	x		
32	Autodafe Module Pack	1.0.1	x		
33	av500	0.6.0	x		
34	Bacon Music	1.0.2	x	x	
35	Bargkass	0.6.0			https://github.com/korfuri/Bargkass.git
36	BB Modules	1.1.1	x		
37	BBI	0.6.0	x		
38	Beckstrom Research	0.6.0	x		
39	Befaco	1.0.0	x	(x)	
40	Bidoo	1.1.11	x	x	
41	Blamsoft	1.0.1	x	x	
42	Bogaudio	1.1.26	x	x	
43	Bokontep Byte Beat Machine	1.0.0	x		
44	Castle Rocktronics	0.6.0	x		
45	Catromodulo	1.0.3	x		
46	Catrom Blanco	1.0.0	x		
47	cf	1.1.1	x		
48	Charred Desert	1.3.0	x		
49	Chiptuner	1.0.0	x		
50	Chords	1.0.1	x	x	
51	Chortling Hamster Modules	1.1.2	x		
52	Circlefade	1.0.0	x		
53	Coirt	1.2.0	x	x	
54	Computerscare Modules	1.3.0	x	x	
55	Console	1.0.1			
56	Count Modula	1.7.1	x	x	
57	Creative Suite	1.1.0	x		
58	Crystal Palace	1.0.0	x		
59	Csound				https://github.com/Djack13/VCV_Csound.git
60	Dark Alias (Friedrichs Audio)1.0.0				https://gumroad.com/friedrichsaudio
61	dekstop	0.6.0	x		https://github.com/dekstop/vcvrackplugins_dekstop.git
62	dBiz	1.1.2	x		
63	DHE Modules	1.2.0	x		

	A	B	C	D	E
64	Dlwiggz	0.6.0			https://github.com/dirkleas/DL
65	Dopefed	1.0.0	x		https://github.com/Strum/dopefed
66	DrumKit	1.1.4	x		
67	DrumKit Pro	1.1.1	x		
68	E-Series	1.0.1	x	x	
69	Edge	1.0.2	x	x	
70	eh_modules	0.6.1	x		
71	Entrian	1.1.0	x		
72	Entrian Acoustic Drums	1.6.5	x		
73	Erica	1.0.2	x		
74	Erik	1.0.0			https://github.com/gle-bellier/vcvModules
75	Erratic Instruments	0.6.2	x		
76	Evil Turtle Productions				https://www.evilturtle.nl/store/plugins/vcvpack.html
77	Expert Sleepers	1.0.0	x		
78	Floats (Friedrichs Audio)	1.0.0			https://gumroad.com/friedrichsaudio
79	FrankBuss	1.1.0	x	x	
80	Frozen Wasteland	1.11.0	x	x	
81	Fundamental	1.4.0	x	x	
82	Geodesics	1.1.0	x	x	
83	Glue the Giant	1.1.1	x	x	
84	GoodSheperd	1.0.1	x		
85	Grafix	0.6.0	x		
86	Grayscale	0.6.0	x		
87	Hammondeggs	0.6.0			https://github.com/hammondeggs/hammondeggsModules
88	HetrickCV	1.0.0	x		
89	Holonic Systems	1.0.3	x		
90	Hora	1.0.3	x		
91	Host	1.1.0	x	x	
92	Hot Bunny (Friedrichs Audio)	1.0.0			https://gumroad.com/friedrichsaudio
93	huaba	1.1.0			https://github.com/dhuber81/huaba
94	Impromptu Modular	1.1.3	x		
95	JE	1.0.0	x		
96	JW-Modules	1.0.10	x	x	
97	KarateSnoopy	1.0.0	x		
98	Klirrfactory	1.1.0		x	http://klirrfactory.com/
99	kocomoc	1.2.3	x		
100	Koralfx Modules	1.0.2	x		
101	Kosmodules	1.0.0			https://github.com/calvinkosmatka/Kosmodules-Free
102	LabSeven	1.0.0	x		
103	LifeFormModular	1.0.2	x		
104	Lindenberg Research	1.3.3	x		
105	Little Utils	1.0.2	x		
106	Loco Modules	1.1.1			https://github.com/perky/LocoVCVModules
107	LOGinstruments	1.0.1	x		
108	Lomas Modules	1.0.9	x		
109	Loopus Modules	1.2.0	x		
110	luckyxxl	0.6.0	x		
111	Matthew Friedrichs	0.6.5	x		https://gumroad.com/friedrichsaudio
112	MicMusic	1.0.0	x		
113	MicroTools	0.6.0	x		
114	Milkrack	0.6.0			https://github.com/korfuri/Milkrack/releases
115	MindMeld	1.1.5	x	x	
116	ML modules	1.0.5	x	x	
117	Moaneschien	1.0.0			https://github.com/Moaneschien/4rack
118	moDllz	1.1.6	x	x	
119	modular80	1.0.0	x		
120	Modular Fungi	1.0.1	x		
121	Mockba Modules	1.2.0	x	x	
122	Mockba Proton	1.0.6	x	x	
123	Mockba Model V	1.0.6	x	x	
124	Mockba Model X	1.0.6	x	x	
125	Mockba Special Vintage Oscillat	1.0.5	x	x	
126	monome	1.0.0			https://github.com/Dewb/monome-rack
127	Mosquito Labs	1.1.1	x		

	A	B	C	D	E
128	MrLumps	0.6.0	x		
129	mscHack	1.0.2	x		
130	MSM	1.0.0	x		
131	mtsch	0.6.0	x		
132	MyLittle Tools	1.0.3	x		
133	NauModular	0.6.0	x		
134	NEX	1.1.1	x		
135	Niko	0.6.1			https://github.com/NikolajAndersson/
136	Nocturnal Encoder	0.6.1	x		
137	Nohmad	0.6.0	x		
138	Nonlinear Circuits	1.0.0			https://github.com/mhetrick/nonlinearcircuits/releases
139	Noobhour modules	1.0.3	x	x	
140	nozoid	1.1.1	x		
141	Number9	1.2.1	x		
142	Nysthi	1.0.9	x	x	
143	Ohmer Modules	1.1.6	x	x	
144	Ohmer Premis	1.0.2	x		
145	OrangeLine	1.3.3	x		
146	Parable Instruments	1.0.0	x		
147	Parametra	1.0.0	x		
148	Patch & Tweak	1.0.0	x		
149	PdArray	1.0.3	x		
150	Pfzzz	1.1.0	x		
151	PG-Instruments	0.6.4	x		
152	Prism	1.2.0	x		
153	Prototype	1.2.0	x		
154	Pulse Matrix	1.0.0	x		
155	PulsumQuadratum-SDR	0.6.0	x		
156	PS-PurrSoftware	1.0.4	x		
157	PvC	0.6.0	x		
158	Quadraphonics	0.6.3	x		
159	QuantalAudio	1.0.0	x		
160	Qwelk	0.6.1	x		
161	Racket-Science	1.1.0	x		
162	rcm	1.1.0	x		
163	Recorder	1.0.1	x		
164	Regen Modular	1.0.1	x	x	
165	repelzen	1.1.0	x	x	
166	ReTunes	1.0.0	x		
167	RJModules	1.7.2	x	x	
168	Robotic Bean	1.0.1	x		
169	Rodent Modules	0.6.1	x		
170	Router	1.0.0	x		
171	S-ol	1.0.0	x		
172	Sb-StochKit	1.0.0	x		
173	Scalar	1.0.0	x		
174	ScannerDarkly	1.0.1	x		
175	SchmickleWorks	V1beta1.7		x	https://github.com/cclark2a/SchmickleWorks
176	Sckitam	1.0.3	x		
177	Sculpt-O-Sound	1.0.1	x	x	
178	Semiramis	1.2.0	x		
179	SerialRacker	0.6.1	x		
180	Signal Flux	1.1.0	x		
181	Silent Way	1.0.0	x		
182	Simple module pack	0.6.0	x		
183	SKJack	1.0.0	x		
184	Skylights	1.0.2	x		
185	SLM	1.1.0	x		
186	Sonus Modular	1.3.0	x	x	
187	Southpole	1.0.0			https://github.com/gbrandt1/southpole-vcvrack
188	Southpole Parasites	0.6.0	x		
189	Spectra	1.0.0	x		
190	Spektro Audio	1.0.0	x		
191	spin	0.6.2	x		

	A	B	C	D	E
192	Squinky Labs	1.0.6	x	x	
193	Starling	1.0.0	x		
194	Stellare Modular	1.0.0	x		
195	stocaudio	1.0.1	x	x	
196	Stochasm	0.6.0	x		
197	StochKit	1.0.0	x		
198	stoermelder pack one	1.5.0	x	x	
199	stoermelder pack gamma	1.0.cd7a953			https://github.com/stoermelder/vcvrack-packgamma
200	Strong Kar	1.0.0	x		
201	Strum's Mental Modules	1.0.1	x		
202	STS	1.1.2	x	x	
203	Submarine Prototype	0.6.0	x		
204	SubmarineFree	1.1.1	x		
205	Submarine Utility	0.6.2	x		
206	Surge for Rack	1.beta1.4	x	x	
207	Synbin	1.0.0			https://github.com/Synbin/Synbin-VCV-Modules
208	Synthetic	1.2.4	x	x	
209	Synthetic FX	1.2.0	x	x	
210	Synthetic FX Free	1.0.3	x		
211	SynthKit	1.0.1	x		
212	TechTech Technologies	1.0.0			https://github.com/wlaub/vcv
213	TercerBrazo	1.0.3	x		
214	The XOR	1.1.1	x		
215	Tiny Tricks	1.5.0	x	x	
216	TriggerFish Elements	1.0.0			https://github.com/JTriggerFish/TriggerFish-VCV
217	trowaSoft	1.0.1	x		
218	TWD Plugins	0.6.0			https://github.com/trblwdreams/
219	Unfiltered Volume 1	1.1.0	x		
220	Unfiltered Volume 2	1.0.0	x		
221	Unforgettable Luncheon	0.6.3	x		
222	unless modules	1.0.0	x		
223	Valley	1.0.1	x		
224	VCV	1.0.1	x	x	
225	Vitamin	1.0.0	x	x	
226	voxglitch	1.2.1	x		
227	Vult Compacts	1.7.0	x	x	
228	Vult Modules	1.7.1	x	x	
229	Vult Modules (Free Version)	1.7.2	x	x	
230	Vult Mysteries	1.7.3			
231	What the Rack	1.1.1	x		
232	wiqid anomalies	1.1.0	x	x	
233	Wrong People	1.0.0	x		
234	ym2612	1.0.0	x		
235	ZZC	1.1.2	x	x	
236	ZZC Phaseque	1.1.1	x		