

Yay Trackerz

Une presentation **subjective** des trackers :

Historique

Demo Scene

Musiques Electroniques

Do it Yourself

Trackers

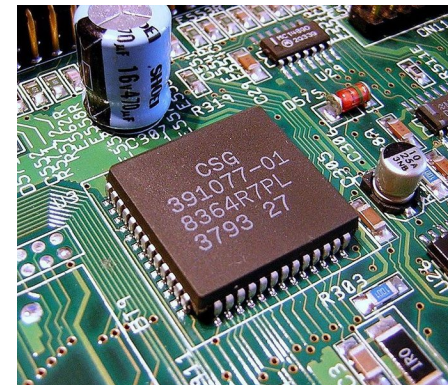
Qu'est ce qu'un tracker ?

- Step Sequencer
- Sampler
- Vertical
- Piano Qwerty
- Autonome

Qu'est ce qu'un tracker ?

POS	ID	0012	↑	↓	PLAY	STOP	PLST	1	
PATTERN		0007	↑	↓	PATTERN	CLEAR	PSET-ED	2	
LENGTH		0083	↑	↓	EDIT	EDIT OP.	SETUP	3	
FINETUNE		0	↑	↓	RECORD	DISK OP.	SAMPLER	4	
SAMPLE		0001	↑	↓	SPECTRUM ANALYZER			A	
VOLUME		0040	↑	↓					
LENGTH		2488	↑	↓					
REPEAT		0000	↑	↓					
REPLEN		0002	↑	↓					
1 SONGNAME: AXEL F. _____ 01:35									
SAMPLERNAME: VIDEO BY SNOBHIE88 _____								LOAD	
07	125	▲TEMPD▼ STATUS: ALL RIGHT				TUNE	116070		
					FREE	B546K			
NNNN4	-	-	00000	C#	U	00000	-	-	00000
NNNN5	F#	N	04000	F#	N	00000	-	-	00000
NNNN6	D	-	04000	-	-	00000	-	-	00000
NNNN7	C#	U	04000	F#	N	00000	-	-	00000
NNNN8	-	-	00000	D	-	00000	-	-	00000
NNNN9	C#	U	04000	F#	N	00000	-	-	00000
W000	A	-	04000	C#	U	00000	-	-	00000
W001	-	-	00000	C#	U	00000	-	-	00000
31	-	-	00000	C#	30	00000	-	-	00000
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W003	-	-	00000	-	-	00000	-	-	00000
W004	C#	U	04000	-	-	00000	-	-	00000
W005	F#	U	04000	F#	N	00000	-	-	00000
W006	-	-	00000	-	-	00000	-	-	00000
W007	-	-	00000	C#	U	00000	-	-	00000
W008	F#	N	04000	F#	U	00000	-	-	00000
W009	-	-	00000	F#	N	00000	-	-	00000
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W100	-	-	00000	-	-	00000	-	-	00000

Trackers & Amiga

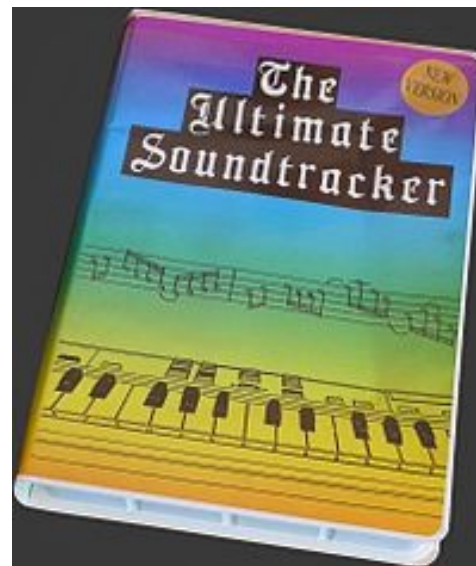
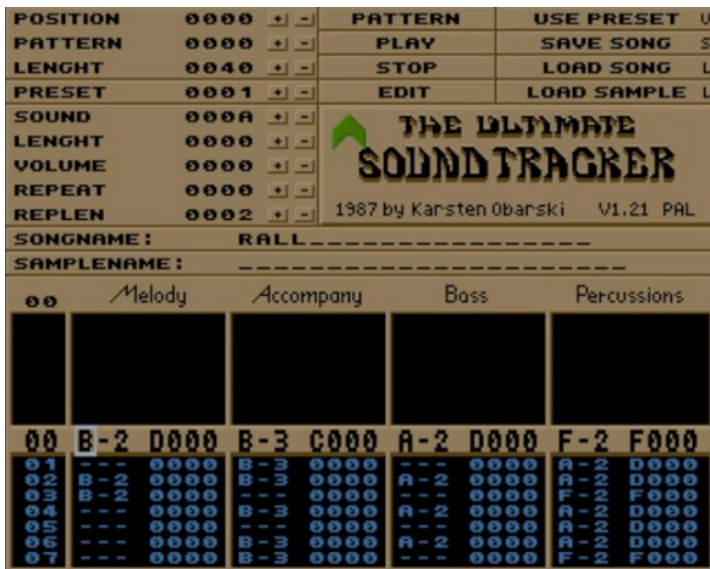


- 1987 : Amiga 500 , 7Mhz !
- Sound chip : Paula
- 4 PCM-sample-based (28khz) sound channels
 - 8-bit resolution for each channel
 - 6-bit volume control per channel.
 - analog output low-pass filter



Histoire des trackers

- Cree sur Amiga en 1987
- Ultimate Soundtracker par Karsten Obarski
 - ST01 Samples Kit (Yamaha DX7 , ...)
 - Format MOD (contient song & samples)



Histoire des trackers

- Code Hack
 - Soundtracker 2
 - Routines de lecture Mod rendues publiques

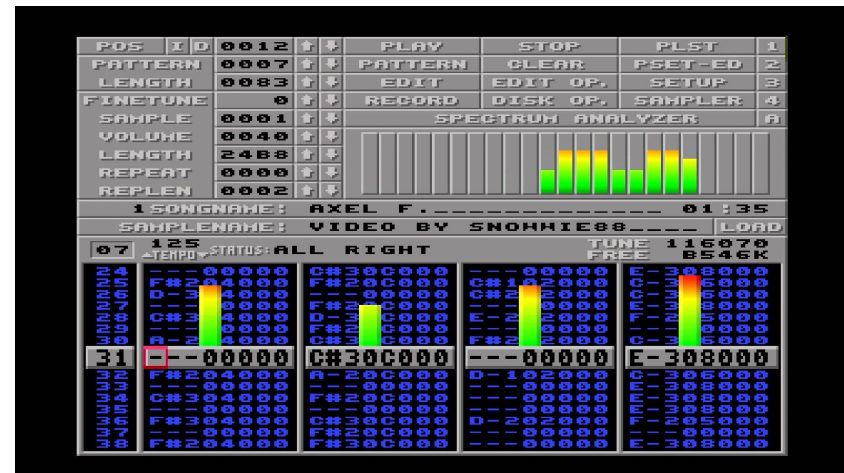
```
; Written by Lars Hanre/Aniga Freelancers 1998  
; NOTE: This version will not pass arguments or VBMs
```

```
      SUB.L  A1,A1  
      MOVE.L 4.W,A6  
      JSR   -294(A6) ; FindTask  
      MOVE.L D0,A4  
      MOVEQ #0,D0  
      TST.L  $0C(A4) ; pr_CLI  
      BNE.S  rb_FronCLI  
      LEA   $5C(A4),A0 ; pr_MsgPort  
      JSR   -384(A6) ; WaitPort  
      LEA   $5C(A4),A0  
      JSR   -372(A6) ; GetMsg  
rb_FronCLI  
      MOVE.L D0,D7 ; D7 = WMsg  
      LEA   rb_DOSname(PC),A1  
      MOVEQ #0,D0  
      JSR   -552(A6) ; OpenLibrary  
      TST.L  D0  
      BEQ.S  rb_dexit  
      MOVE.L D0,A5  
      EXG   A5,A6 ; A6=DOS  
      MOVE.L $98(A4),D1 ; pr_CurrentDir  
      JSR   -96(A6) ; DupLock  
      MOVE.L D0,rb_CurrentDir  
      EXG   A5,A6 ; A6=exec
```

- Le format Mod se repend dans les demos et jeux video

Protracker 2.3

- Clones ameliorees par les demomakers
 - 1989 : Noisetracker
 - 1990 : Startrekker
 - **1991 : Protracker**
- Protracker Features
 - Effets sur les samples
 - Editeur de samples integres
 - CIA Timing : **BPM !**



Trackers / Demo Scene

- Amiga : MC6800, Paula, Agnus, Denise
- Demo Groups : graphistes, coders, musiciens
- Music = Source Code
 - .mod + demo < 500ko
- Demo Parties / BBS / Courier
- Ressources :
 - <http://www.pouet.net>
 - <https://modarchive.org/>

Demo / Cracktro

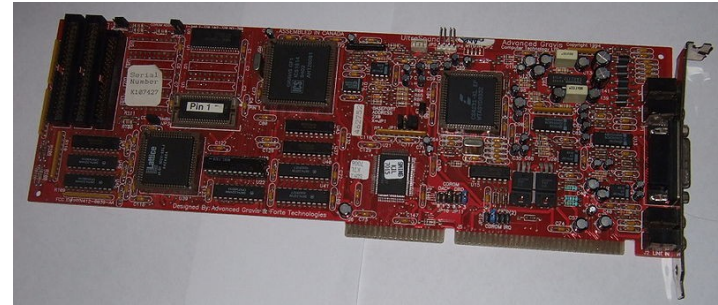
- Crack groups Commodore c64
- Sid Chipset : Synthesis !
- Fairlight : Intro

Techno / Tracker

- Sampler + Sequencer
 - House Music 80's
 - Techno Music 90's
- Techno + Demos :
 - State of The Art : Spaceballs

Trackers 2nd Generation

- Sur PC / DOS :
 - SB16 / ADLib
 - Gravis UltraSound
 - SoundBlaster AWE32

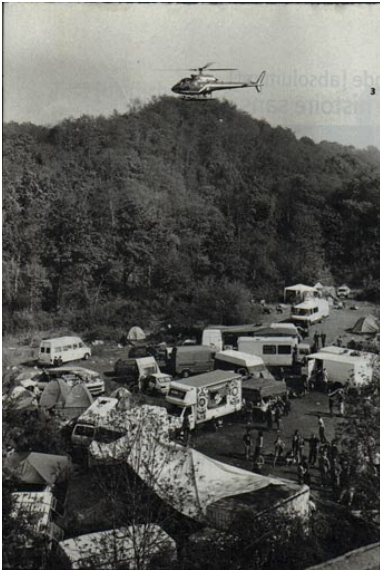


- 1990 : ScreamTracker
- 1995 : Impulse Tracker
- 1993 : Fastracker 2



Trackers / Scene Techno

- Liberte / Partage / Gratuite / D.i.Y
- Sons Electroniques / Visuels
- 1 PC Vs Studio : \$\$\$
- Live Setup = 2 Amiga ou 2 PC



Trackers / Scene Techno

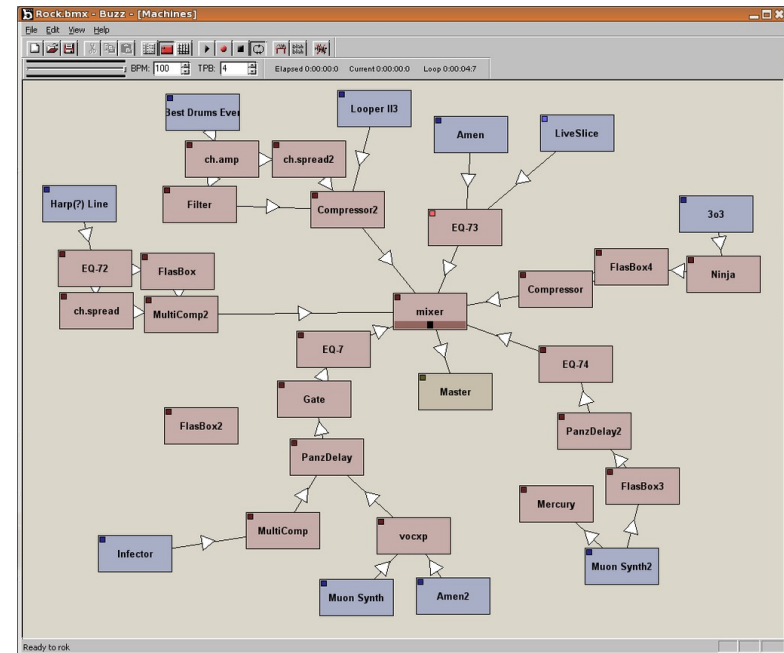
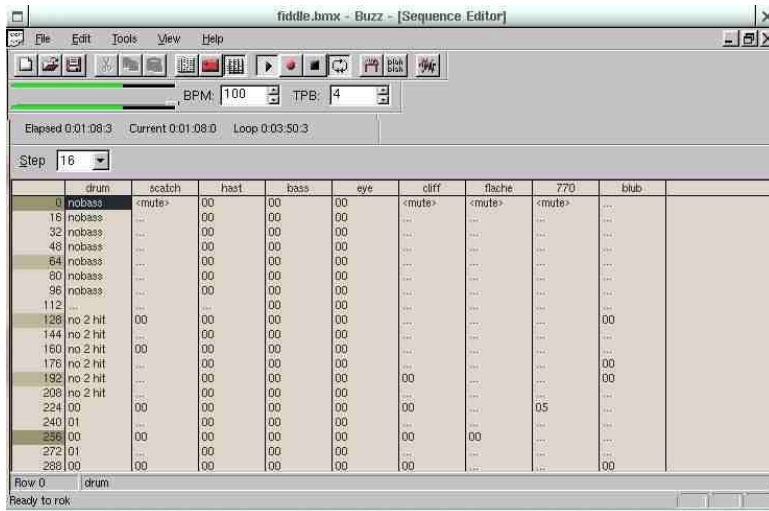
- **Neophyte** : Protracker / Amiga
- **Venetian Snares** : Octamed / Amiga
- **Infected Mushrooms** : Impulse Tracker / PC
- **Deadmau5** : Impulse Tracker / PC
- **NaseBluten** : Protracker / Amiga
- **Sound Systems / Free Party**
 - Atomic Compressor : Protracker / Amiga
 - Nawak / ShortGreyz : Fastracker2 / PC

Video

- Teknival Fontainebleau 1995
 - By defcore.fr

Trackers 3rd generation

- 1998 : Jeskola Buzz
 - Modular | tracker + Vst
 - Code Lost / Hacked



Trackers 3rd generation

- 2002 : Renoise
 - Protracker like
 - Win | Linux
 - LUA Extensions
 - OSC



Demo

- Not Doing Anything Good
 - by Headspasm 2011
 - Renoise 2.8

Trackers Everywhere

- New Oldschool Trackers
 - 1999 : ModPlug Tracker
 - 2008 : Milky Tracker
 - GPL / Multiplatform (xbox,android,...)
- Multiplatform :
 - Nintendo Ds, Gameboy, Sega, ...
 - Sunvox : Android / IOS

Still Alive

- Techno everywhere / Computers everywhere
 - Computers
 - Assembly Gamers & Demos : 4 -8 aout Helsinky
 - Music
 - Teknival / Undergroud / Burning Man / Boom Festival
 - Chiptune / 8bit Music

Bonus

- Farbrausch – Debris
 - 178ko Demo
 - https://github.com/farbrausch/fr_public

Merci:)

- Credits :
 - Wikipedia :
 - https://en.wikipedia.org/wiki/Music_tracker
 - Tracker History :
 - <http://hellabs.org/tracker-history/>
 - Youtube uploaders + ovc.cm
 - Commodore & Amiga Freaks
 - SP23 (teknival 1995 soundtrack)
 - Planet Earth
 - PSEHSF

Atelier Tracker

- Atelier Tracker
 - Samedi 15h00-17h00 a la MPT
 - Milkytracker installe sur votre PC

To be continued...

23

Make some f>>>>> Noise !