#### Chiptune: a short 8-bit story

ALL DOLDORD

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No Gilling

11100

## Cracktro: a dive into the past



#### Chiptune: one word, lot of sounds and lot of faces...



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#### The Demoscene



Assembly 2004

fr-021: D (Stands For) - Farbrauch

Mooncheese - Shingebis

# How do we make chiptune?

→ creativity

→ creativity

→ good ear for music
 ♦ bonus points if you know music theory

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# ANYTHING IS FINE, JUST START

 $\rightarrow$  creativity







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#### ANYTHING IS FINE, JUST START (yes, even and especially emulators)

# "Creativity is Just Connecting Things"

#### - Steve Jobs

## Different approaches



#### Different approaches - Pros & Cons

	Tracker	VST
MIDI support	(S)	
Learning Curve	×	**
Effects		
Sounds come from chips		×
Samples support	🔽 (😒)	
Backwards compatible		🗙 (😒)
Hardware availability		

#### Take-home lesson

- → Chiptune: music generated from chip-based audio hardware. From "chip" (microchip) and "tune" (melody). Usually made with trackers.
- → Cracktro: a brief introduction presented before a cracked program, typically highlighting the pirate group's name along with key details
- → Demoscene: a form of digital art where audiovisual productions are crafted by specialized groups, pushing the limits of the hardware.

## Thanks for your attention!



https://dag7.it with all my contacts

Email, Mastodon, Instagram, Youtube, Twitch... WHATEVER! Pretty much everything's there in the left sidebar!

#### This is a list of useful links, feel free to fiddle with:

- LSDJ (GB) <u>https://www.littlesounddj.com/</u> probably the best way to get started with a tracker. Limited by 4 channel, you probably don't want to fiddle too much
- <u>modarchive.org</u> cracktro and chiptune music, you can open these files using furnace or milkytracker and carefully study the track. It's like a track's source code.
- Pouet.net <u>https://pouet.net</u> most of the demoscene and cracktro scene has passed here
- THE Chiptune Forum chipmusic.org
- Furnace tracker: <u>furnace: a multi-system chiptune tracker</u> an awesome modern tracker, with MIDI support and multi-chip emulation
- Protracker 2 (Win/Linux/Mac): ProTracker 2 clone 16-bits.org probably the most classic and icon tracker ever
- Micromusic Italy: <u>Micromusic Italy YouTube</u> they also have a Twitch channel with live streaming of perfomances

For everything else or know more, just throw me an email or message me in some way!