

## Related projects

- RNN music generation article
- Audio LM examples
- <sup>1</sup>[google.com]
- FreeSound Loop Dataset
- Looperman
- MusicVAE
- TransformerVAE
- Melody RNN
- Google Magenta
- NSynth
- Drums RNN
- BitMidi
- MuseNet
- SDMuse
- mLSTM !! For games
- Audiocraft, MusicGen
- V-MusProd (simple way),
- Foley Music - basically my idea
- mubert
- boomy
- ecret music
- soundraw.io
- accordiatron
- Theremin
- Generative.fm
- jukebox
- MusicLM
- PerceiverAR
- MuLan
- LSTM
- MuseGan

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<sup>1</sup>[<sup>2</sup>]

- Midi2array
- Array2piano-roll
- Mubbert
- Effusion
- Marco Pasini and Jan Schlüter. Musika! fast infinite waveform music generation.
- MusicVae
- LMD dataset
- phik library
- GTN-Bailando
- InstructME
- Noise2Music
- Jen-1
- MIDI Degradation Toolkit python MDTK !!!
- Xiaoice band: A melody and arrangement generation framework for pop music.
- Midi ddss
- MIDI - draw
- BandNet
- t2m gen (text to music generation)
- Meta's LLaMA
- MusicCaps [4] and MagnaTagATune
- OpenL3
- musif - python package!! , music21 !!! this is super dooper cool, jSym-buolic, music21 - feature extraction
- musologist

## Comments

- Symbolic music generation
- Mel spectrograms
- Needleman-Wunsch (NW) algorithm
- (diffusion models) [<https://encord.com/blog/diffusion-models/#:~:text=Diffusion%20models%20are%20>]
- RNN
- buzzwords: Symboil music generation · Multi-model multi-task joint learning · Hierarchical conditional architecture, Deep learning