

Mapping of Loudly

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1 Description of tool

Loudly is a multi-pronged service which includes primarily a Music Maker JAM app but additionally a sample store and community platform. Its interface is comparable to a remix studio where the user can explore, modify existing productions and compose original tracks in an online platform [1].

2 AI Algorithm

Loudly uses an GAN [1], which is a well known generative DL model, which is also described in [2]. Since it is possible to identify which algorithm Loudly uses, certain conclusions can be drawn regarding the structure of the algorithm. But no more technical details are shared.

3 Data-set

To train its DL algorithm, GAN, Loudly used a data-set consisting of a library of eight-million music tracks and 100,000 audio loops [1]. More specific information about the data-set could not be found for Loudly.

4 Environment

Loudly is executed as an application.

5 Developer

Loudly is developed by Loudly GmbH.

6 Accessibility

Loudly is classified as closed-source in this project.

References

- [1] Dan Cole. These are the best ai platforms to help you make music, 07 2020. URL: <https://djtechtools.com/2020/07/14/best-ai-platforms-to-help-you-make-music/>.
- [2] Jean-Pierre Briot and François Pachet. Deep learning for music generation: challenges and directions. *Neural computing and applications*, pages 981–983, 2020. doi:<https://doi.org/10.1007/s00521-018-3813-6>.