pumpp Documentation

Release 0.0.0pre

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July 08, 2016

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Pumpp is designed to make it easy to convert pairs of *(audio, jams)* into data that can be easily consumed by statistical algorithms. Some desired features:

- Converting tags to sparse encoding vectors
- Sampling *(start, end, label)* to frame-level annotations at a specific sampling rate
- Extracting first-level features (eg, Mel spectra or CQT) from audio
- Aligning and storing the results in a simple data structure (npz, hdf5)
- Converting between annotation spaces for a given task
- Helper variables for semi-supervised learning

CHAPTER 1

API

1.1 Core functionality

1.2 Feature extractors

1.3 Task transformers

CHAPTER 2

Changes

2.1 Changes

- Not yet released.

CHAPTER 3

Contribute

- Issue Tracker
- Source Code

CHAPTER 4

Indices and tables

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