

Get audio with a fine label of a mosquito into MFCC form from the database.

- 1) Gather the fine labels:
 - a. Get results from the following query:
 - i. Select label.id, label.audio_id, fine_start_time, fine_end_time from label left join mosquito on (label.mosquito_id = mosquito.id) where label.type = 'Fine' and mosquito.sound_type = 'mosquito'
 - b. Save the results as label.csv to inputs/label.csv
- 2) Gather the audio files:
 - a. Get results from the following query:
 - i. Select t.audio_id, t.path from (select * from label left join mosquito on (label.mosquito_id = mosquito.id) left join audio on (label.audio_id = audio.id) where label.type = 'Fine' and mosquito.sound_type = 'mosquito') t
 - b. Copy the files from the paths in the results from a), and rename to 'audio_id.wav' (e.g. 4669.wav)
 - c. Save files to inputs/audio/*
- 3) Run fine_to_mfcc.py with python3, after cd-ing into the project folder
 - a. Dependencies are: librosa, numpy, os, time, glob
- 4) Wait for mfcc conversion. Results are saved to output/train_out and output/test_out