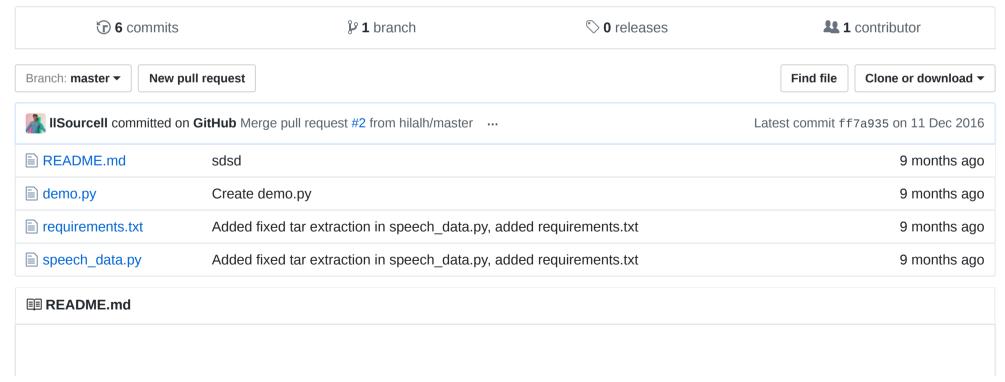
IlSourcell / tensorflow_speech_recognition_demo

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This is the code for 'How to Make a Simple Tensorflow Speech Recognizer' by @Sirajology on Youtube



tensorflow_speech_recognition_demo

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Overview

This is the full code for 'How to Make a Simple Tensorflow Speech Recognizer' by @Sirajology on Youtube. In this demo code we build an LSTM recurrent neural network using the TFLearn high level Tensorflow-based library to train on a labeled dataset of spoken digits. Then we test it on spoken digits.

Dependencies

- tflearn (http://tflearn.org/)
- tensorflow (https://www.tensorflow.org/versions/r0.12/get_started/os_setup.html)
- future

Use pip to install any missing dependencies

Usage

Run the following code in terminal. This will take a couple hours to train fully.

python demo.py

Challenge

The weekly challenge is from the last video, it's still running! Check it out here

Credits

Credit for the vast majority of code here goes to pannouse. I've merely created a wrapper to get people started!