---------- 12.06.2024 ------------

Learning about Llava, a opensource LLM model with vision capabilities.

Now I can send 5 second audio clips to the server, continuously. The recordings are saved both in the local device and in turso.

Now, I can then use these files to get back the transcription.

---------- 11.06.2024 ------------

SSH key successfully set up!

File sending with ssh key to the server works from now.

Learning about langchain.

Using langchain for whisper model.

Question for garage meeting.

How to automate some bash scripts?

Ans.

How do I connect real time audio and video stream with turso cluster?

Ans.

What is the solution with virtual machines with Turso cluster that you mentioned before? Can you tell me where I can know more about it?

Ans. After setting up a ssh connection with Turso, I will just send all the audio and video files to turso to be processed.

What do you know about the cPouta system?

Ans. Giulio needs to make a account for this to work.

Can I use cPouta for hosting server with external IP address?

Ans.

1. How do I automate some bash scripts in turso?
2. How do I connect real time audio and video stream with turso cluster?
3. What is the solution with virtual machines with Turso cluster that you mentioned before? Can you tell me where I can know more about it?
4. What do you know about the cPouta system?
5. Can I use cPouta for hosting server with external IP address?

---------- 07.06.2024 ------------

Tried this code from youtube. <https://www.youtube.com/watch?v=zVttVCQvACQ>.

Found annoying location restriction from EU. It means that it is not possible to use google gemini pro key inside of EU.

---------- 04.06.2024 ------------

Whisper is working on audio files.

It is also pretty fast

Got the Json dumps with the results.

Fix the json files to speaker result. Simple json manipulation should be enough. This I can do easily.

---------- 03.06.2024 ------------

Got Turso working with Modules

Loaded Llamma3 and whisper model using turso and ran preminary example code on both

Try loading bash scripts tomorrow.

Try out the speaker diarization code with the help of whisper using Turso tomorrow.

Check out all the modules in Turso.

-------- 02.06.2024 -----------

Tried Vosk opensource models. But it needs memory.

Access into turso cluster. Running code with the GPUs there.

Encountered problem in changing python version. It is only 3.6.8. I need at 3.11 to run good GPU libraries.

Tried all the different computers in https://vdi.helsinki.fi/portal/webclient/

Trying out Lamma3 models