

STEP 1: `docker pull mariin1415/wake_word_detector_v0.1:latest`

STEP 2: `docker run -it --device /dev/snd --group-add $(getent group audio | cut -d: -f3) -e
PULSE_SERVER=unix:${XDG_RUNTIME_DIR}/pulse/native -v
${XDG_RUNTIME_DIR}/pulse/native:${XDG_RUNTIME_DIR}/pulse/native -v
~/.config/pulse/cookie:/root/.config/pulse/cookie --name image
mariin1415/wake_word_detector_v0.1`

23.5.2024.

Running third version of Wake word detector.

`#docker pull mariin1415/wake_word_detector_v0.3:latest`

`docker run -it --device /dev/snd --group-add $(getent group audio | cut -d: -f3) -e
PULSE_SERVER=unix:${XDG_RUNTIME_DIR}/pulse/native -v
${XDG_RUNTIME_DIR}/pulse/native:${XDG_RUNTIME_DIR}/pulse/native -v
~/.config/pulse/cookie:/root/.config/pulse/cookie --name {select_name}
mariin1415/wake_word_detector_v0.3 python3 Streaming.py`

Core changes: Integration of Kaldi pipeline & Lattice free MMI.

4.6.2024.

Docker image and instructions to run Voice control module.

Prerequisites

- *Make sure that CUDA is properly installed natively on the computer.*
- *Make sure that CUDA can run inside docker*
- *Currently: adam-4-p3m-7ace6b5bafab.json is used to access the Google cloud adam-4-p3m project. Make sure to have the key stored in the local folder /secrets.*
- *In order to run GUI inside the docker, it is required to run the following command natively (i.e. outside of docker): xhost +local:*

Pull the image

```
docker pull mariin1415/adam_4_p3m:v0.1.0
```

Running the image

To run the docker image do the following:

```
docker run --rm -it \  
-e PULSE_SERVER=unix:${XDG_RUNTIME_DIR}/pulse/native \  
-v ${XDG_RUNTIME_DIR}/pulse/native:${XDG_RUNTIME_DIR}/pulse/native \  
-v ~/.config/pulse/cookie:/root/.config/pulse/cookie \  
--group-add $(getent group audio | cut -d: -f3) \  
-v /secrets/adam-4-p3m-7ace6b5bafab.json:/secrets/key.json -e  
GOOGLE_APPLICATION_CREDENTIALS=/secrets/key.json \  
-v ~/.cache/whisper:/root/.cache/whisper \  
--network="host" \  
--gpus all \  
-e DISPLAY=$DISPLAY \  
-v /tmp/.X11-unix:/tmp/.X11-unix \  
mariin1415/adam_4_p3m:v0.1.0
```