OpenAl Whisper (Plan of Attack!)

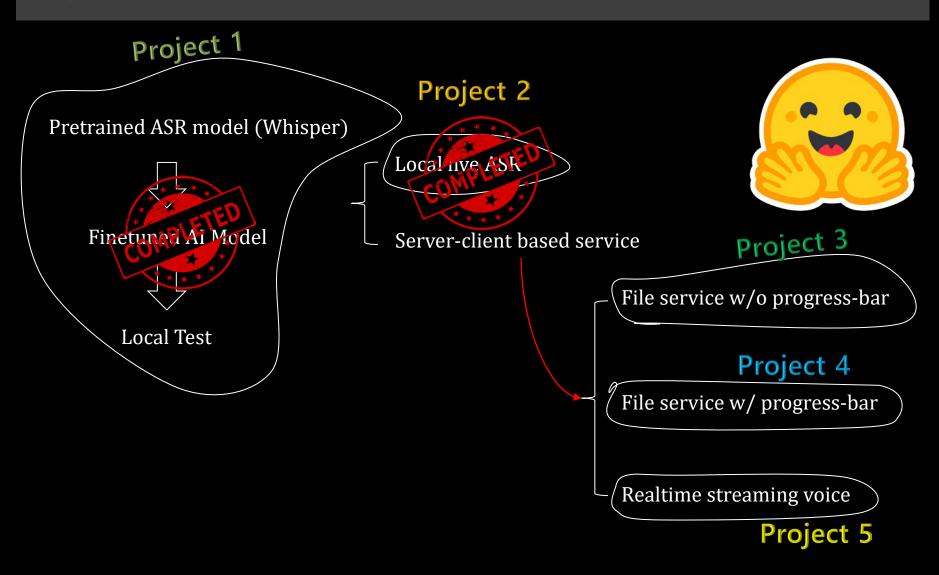
Client-server-based File ASR service

소프트웨어 꼰대 강의

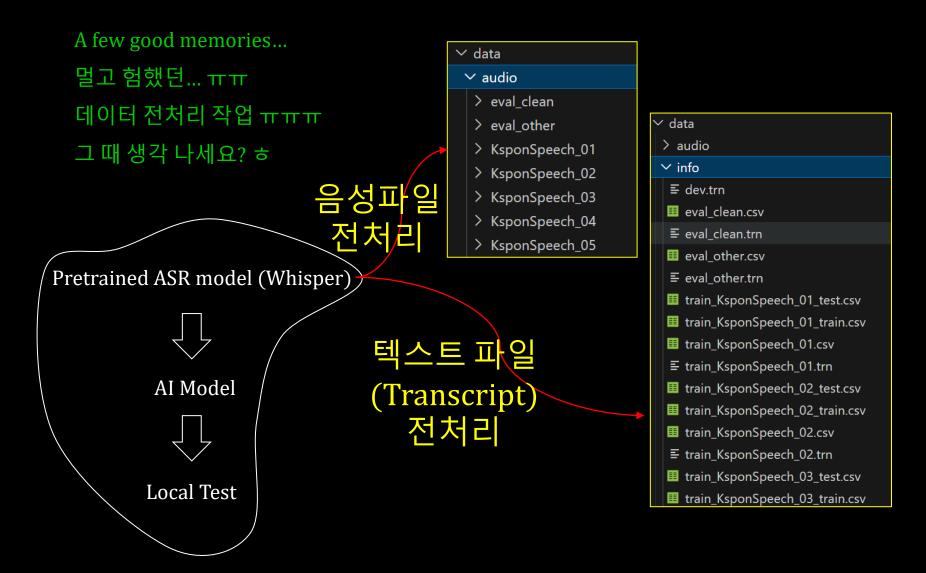
노기섭 교수

(kafa46@cju.ac.kr)

Big Picture



Recap: Finetuning from Pretrained Models



그간의 Finetuning Summary

ACIN Academy

https://github.com/kafa46/acin_academy/tree/master

Whisper ASR Finetuning

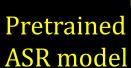
https://github.com/kafa46/acin_academy/tree/master/ 202_fine_tunning

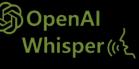
Download for Finetuned Models

https://github.com/kafa46/acin_academy/blob/master/202
_fine_tunning/whisper/model_archive/readme_archive.md

Mini-project #2: Configurations







텍스트 출력 (간단한 코딩)



안녕하세요, 소프트웨어 꼰대 강의 노기섭 교수입니다.

.....

Hardware Selection (Choose Microphone)

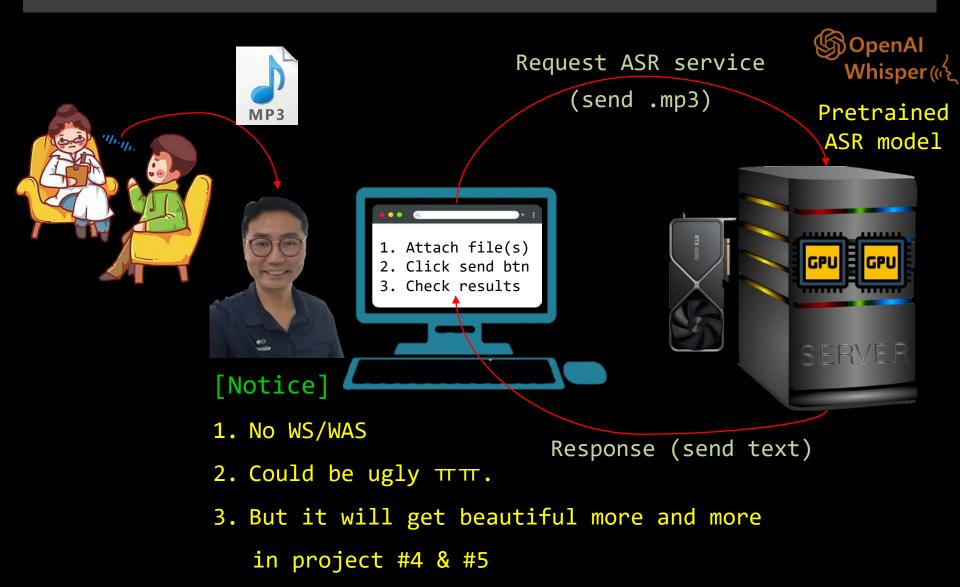
음성 검출 알고리즘 VAD (Voice Activity Detection)

Project #2 강의 자료



https://github.com/kafa46/a
cin_academy/tree/master/201
deployment#local live asr

Mini-project #3: Scenario



Prerequisites |

What you need before we start

- Local Computer (desktop, laptop, etc.)
 - I don't care the computing power.
- Linux server (lab, cloud, company, ...)
 - Recommend Ubuntu OS
 - However, it's up to you.

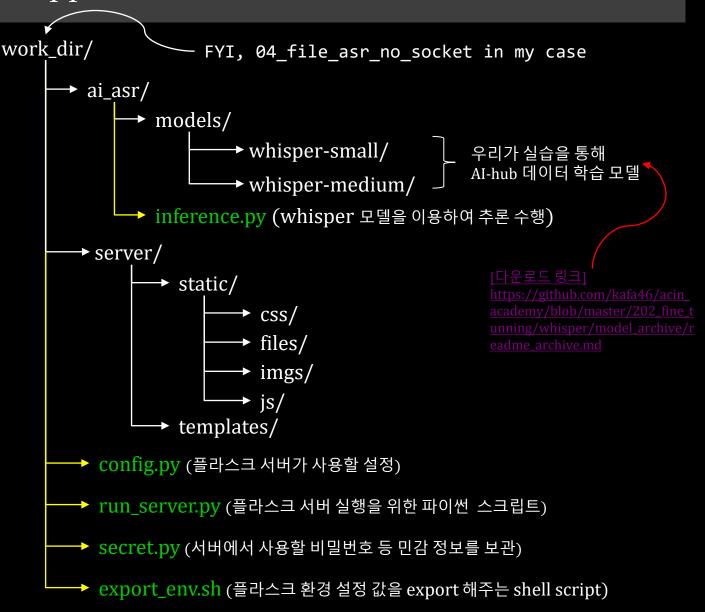


- Virtual environment for dev.
 - Same as Project # 1 & #2
- Dependencies
 - flask, werkzeug, flask_wtf, wtforms,
 - Maybe more (just-in-case)

Implementation Approach



Workspace Structure





수고하셨습니다 ..^^..