

EoMT evaluation(9)

Suhyeon Lee
Department of Computer Engineering

목표

목표 (~2월)

iOS 환경에서 EoMT 모델 panoptic segmentation 추론 및 최적화

Panoptic segmentation: 어떤 사물인지, 개별 객체인지를 동시에 구분

Related Work:

MobileSAM, EdgeSAM: 경량화된 Encoder를 활용한 on-device 모델 사례

진행사항

- Huggingface의 Autoimageprocessor를 수동 구현하는 과정에서의 성능 개선
 - Ex) RGB 채널 순서와 mean, std 값 변경
- Panoptic Quality, Latency 등의 정량적 메트릭 확인

Todo

더 많은 데이터셋에서의 성능 확인

진행사항

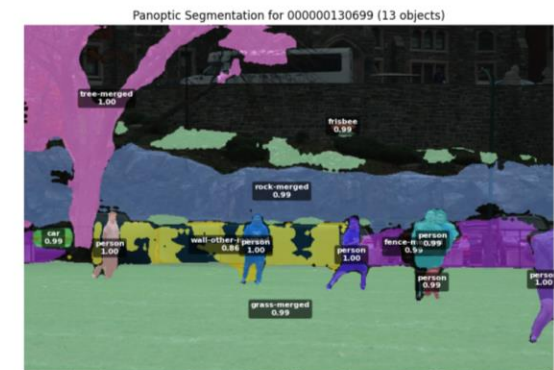
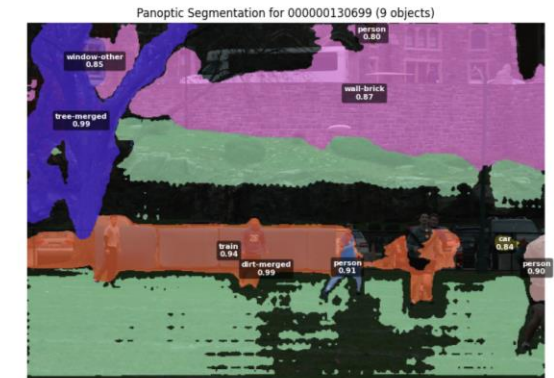
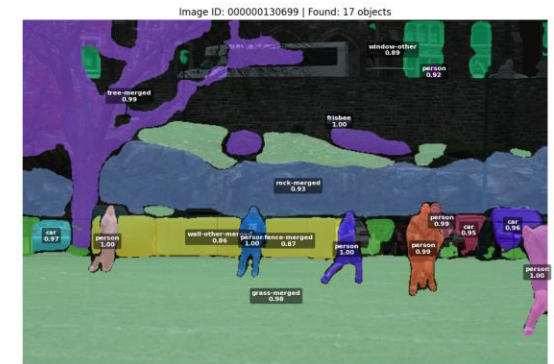
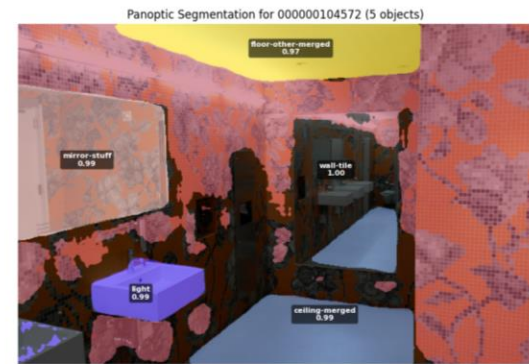
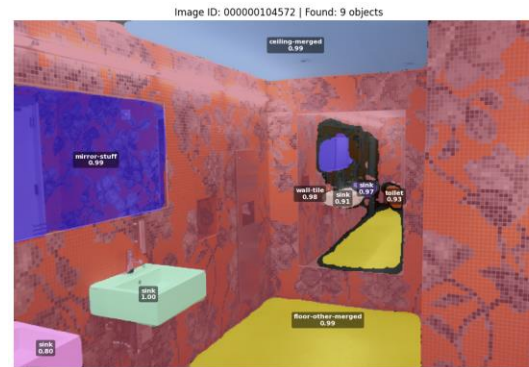
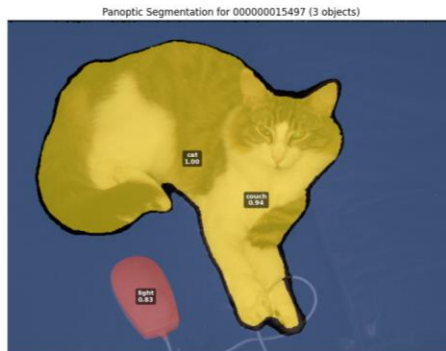
Baseline



전처리
수정 전

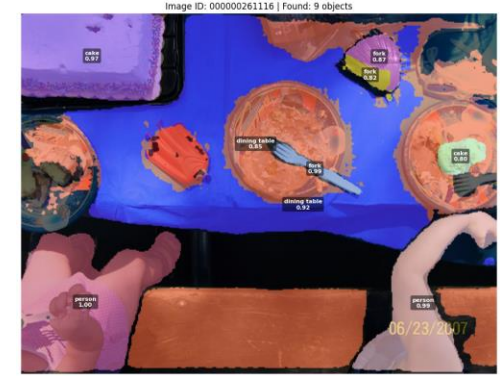
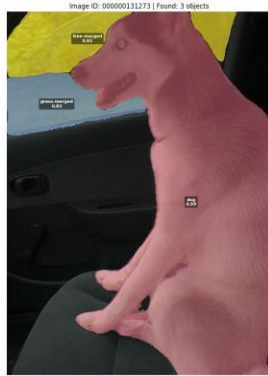


전처리
수정 후

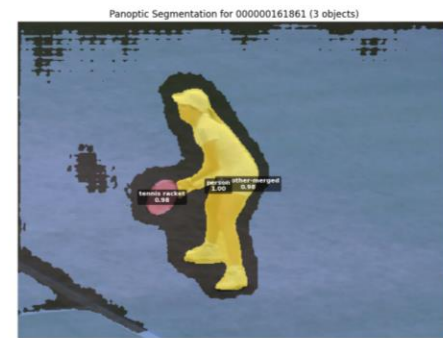


진행사항

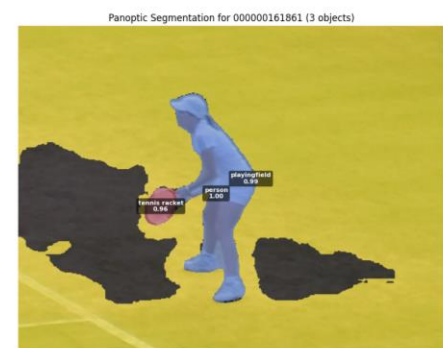
Baseline



전처리
수정 전

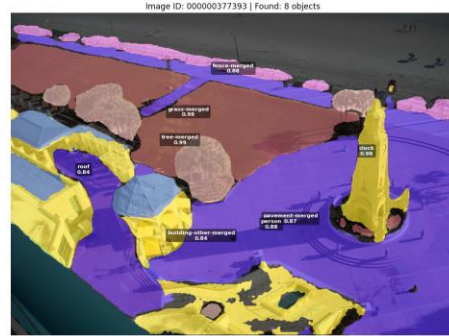


전처리
수정 후

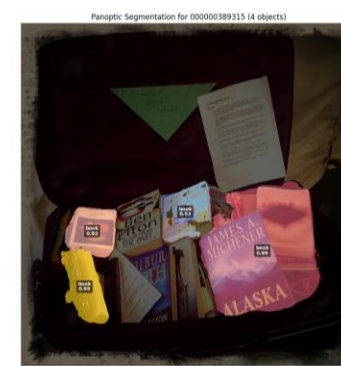


진행사항

Baseline



전처리
수정 전



전처리
수정 후

