BEV Fusion with PointPainting for 3D Object Detection

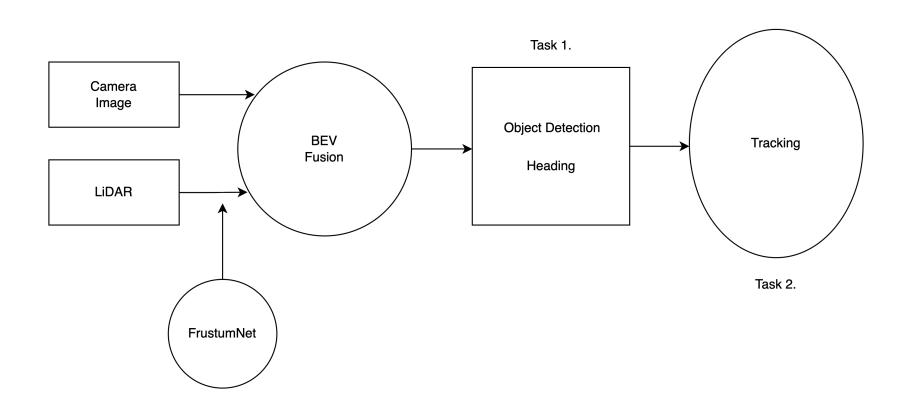
Team. JoJo

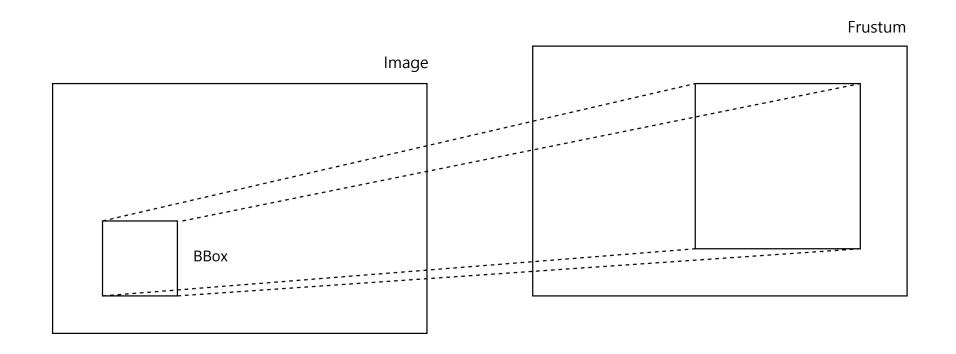
김민지 김정민 임지연 허정은

강사 사지원

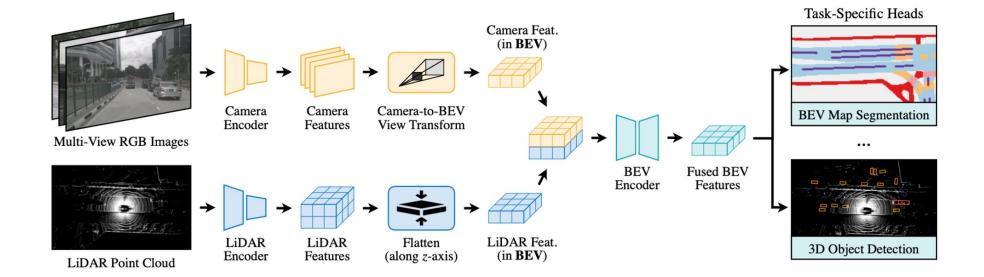
목차

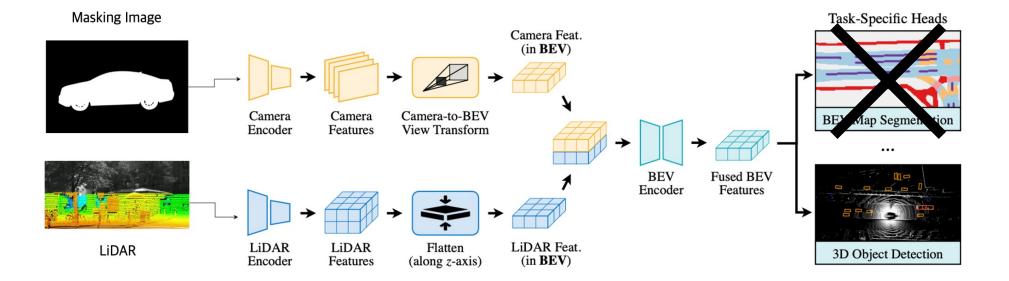
- 1. BEV Fusion과 FrustumNet
 - 2. PointPainting
- 3. BEV Fusion과 PointPainting
- 4. 2D Bounding Box Heading



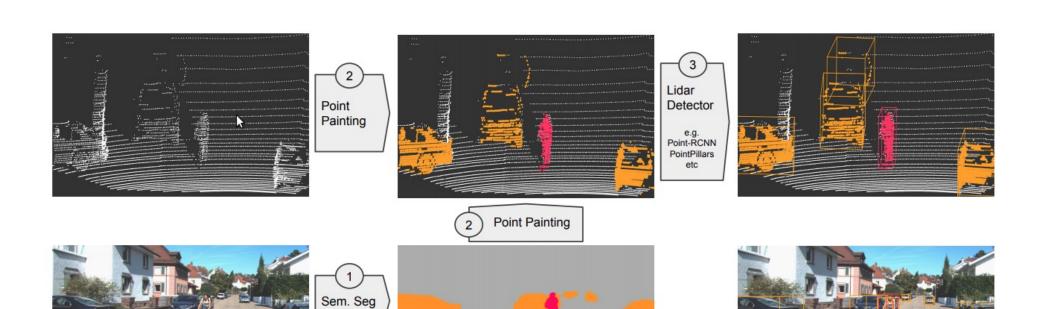


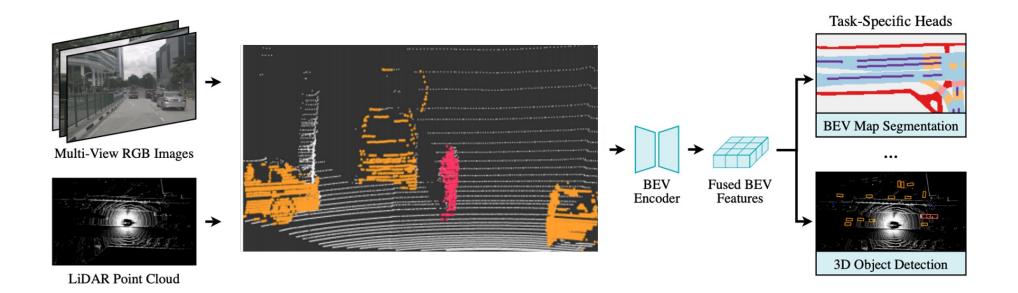
Global Feature Local Feature

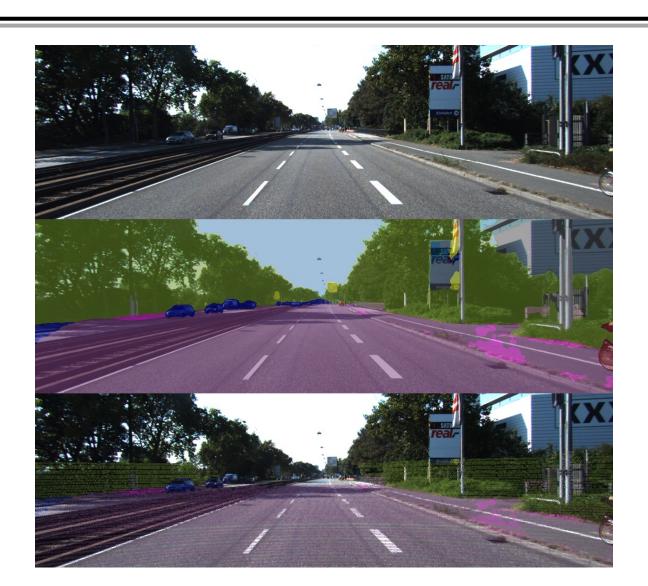


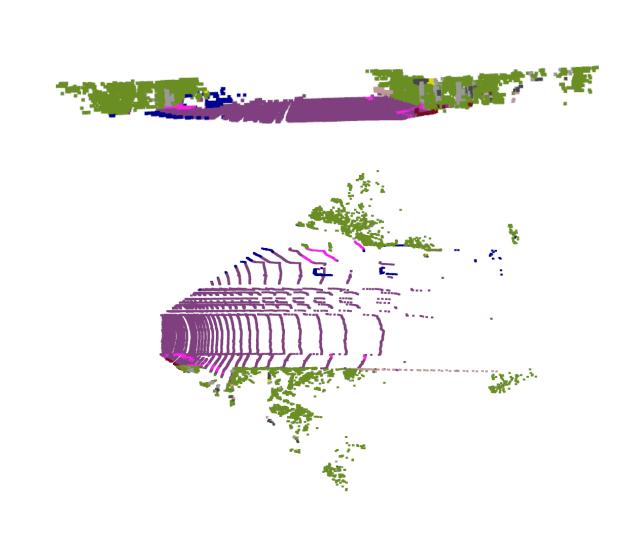


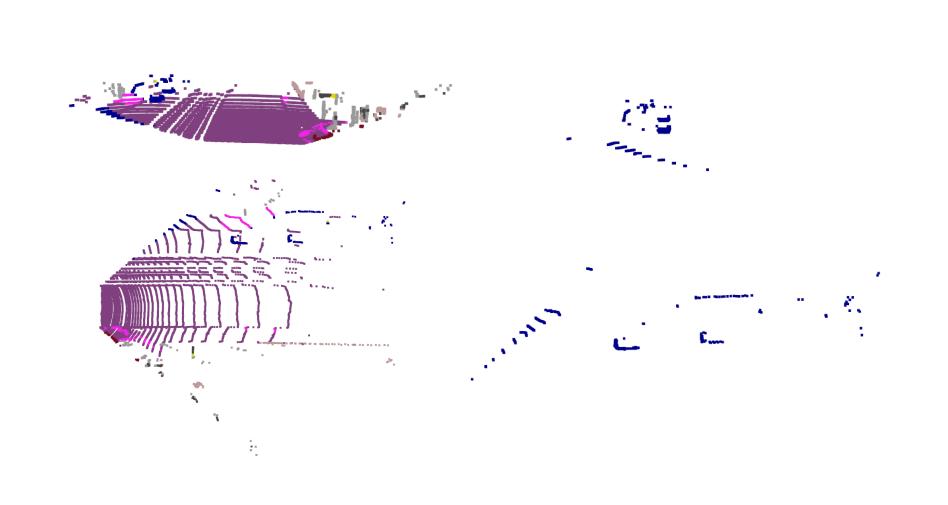
PointPainting

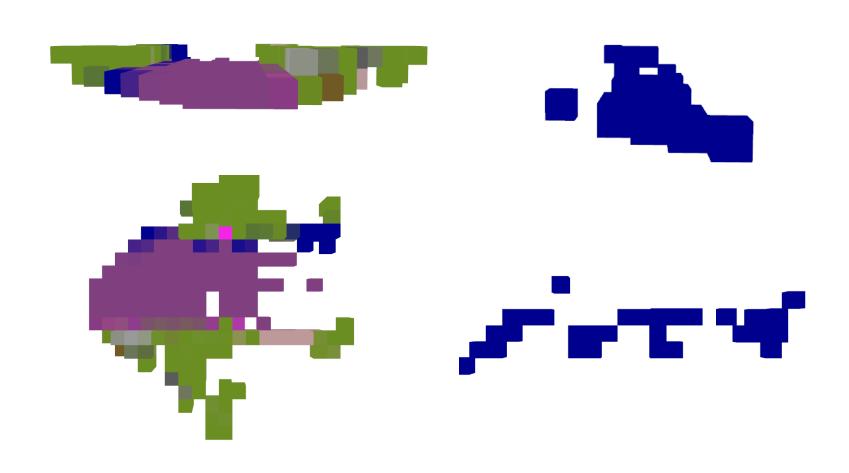




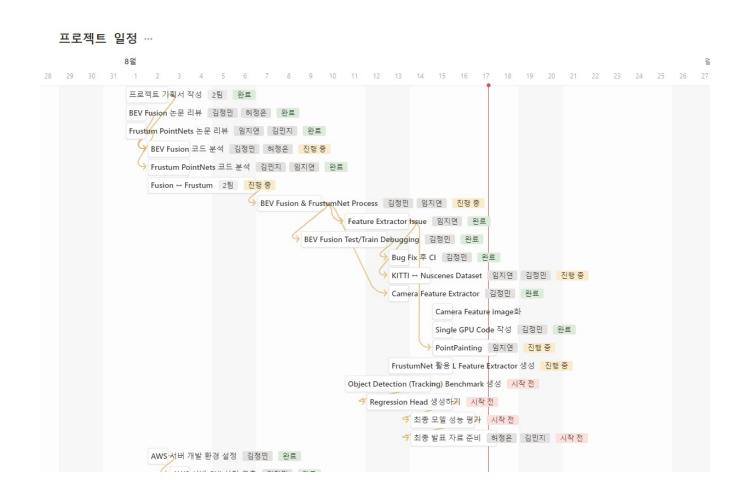








Project Dev Environment 구축

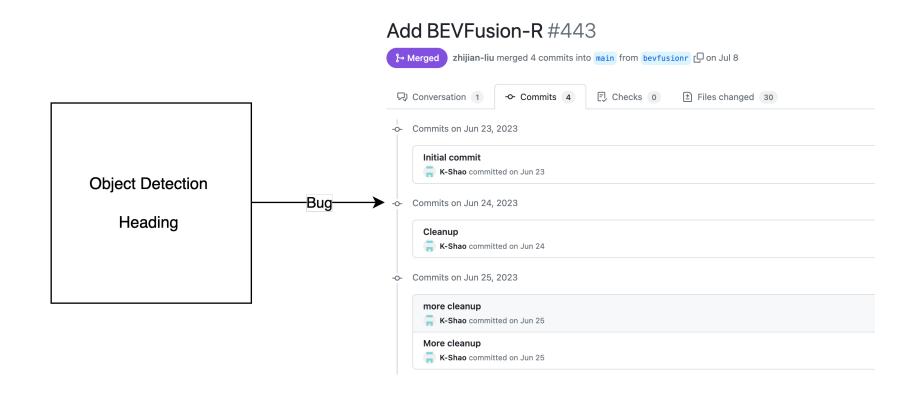


Project Dev Environment 구축



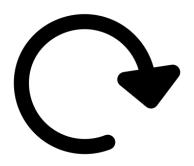


BEV Fusion BugFix



BEV Fusion BugFix

Major Release Head (db75150717) Rollback



Git Reset --hard

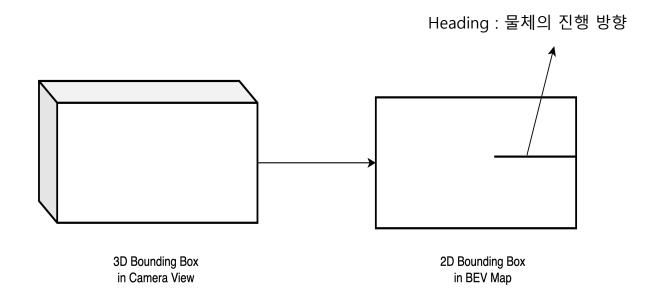
BEV Fusion BugFix

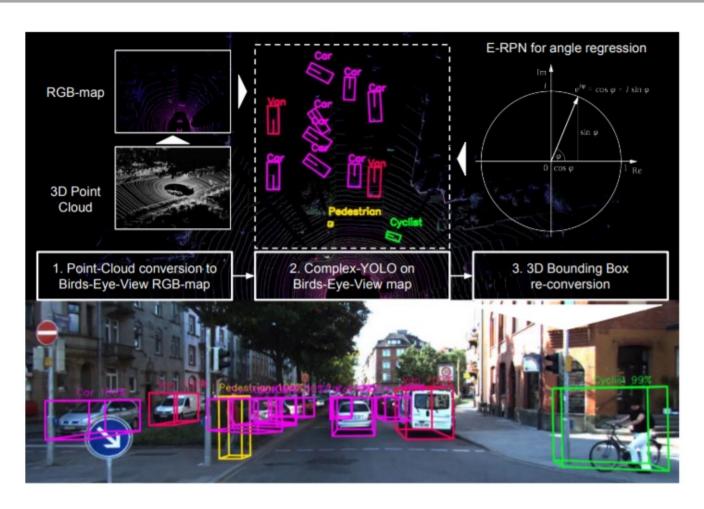
Caution! Data Loss, Package loss

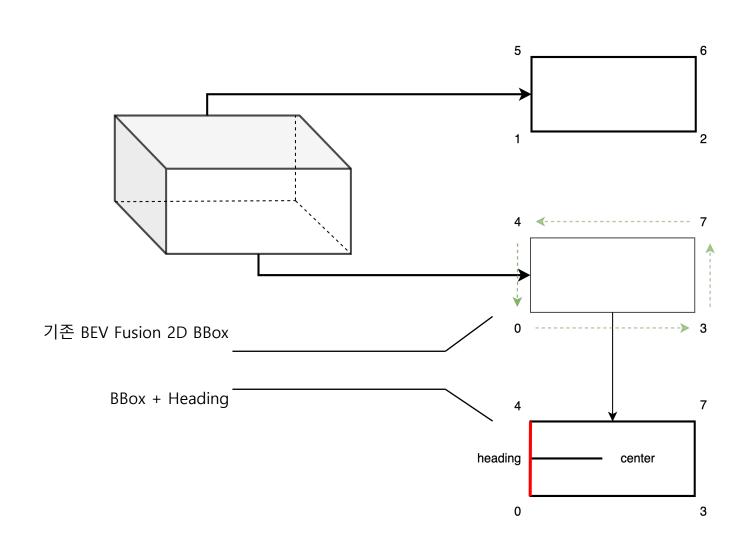


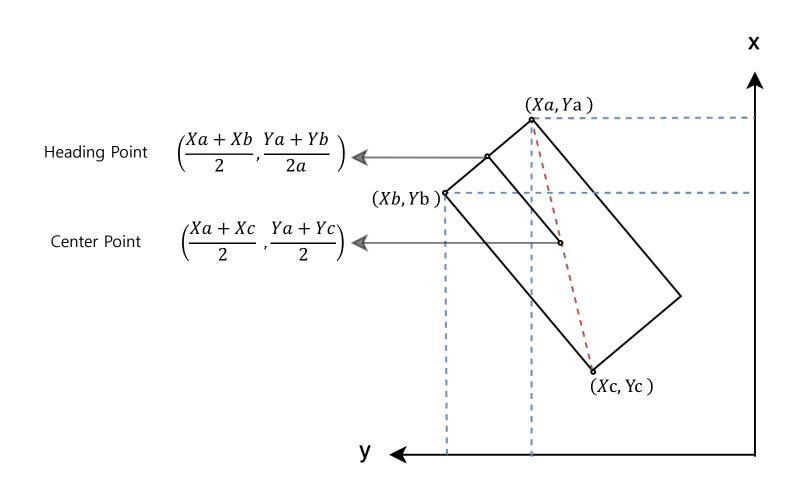
Create_data.py

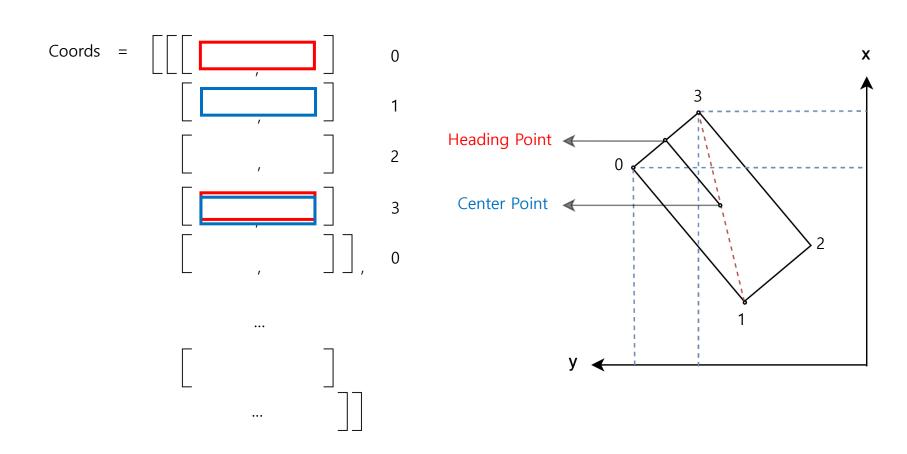
```
mkdir data
cd data && mkdir nusences && nusences
ln -s ../.././BevFusionDataSet/sweeps sweeps
ln -s ../.././BevFusionDataSet/samples samples
ln -s ../.././BevFusionDataSet/maps maps
ln -s ../.././BevFusionDataSet/v1.0-mini v1.0-mini
```





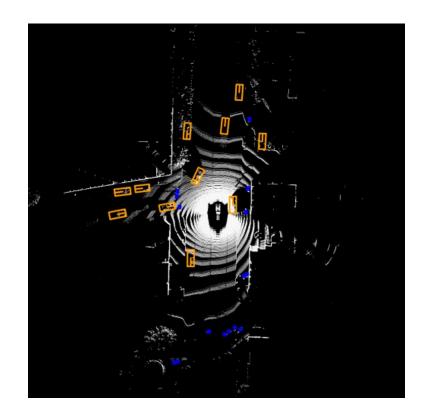




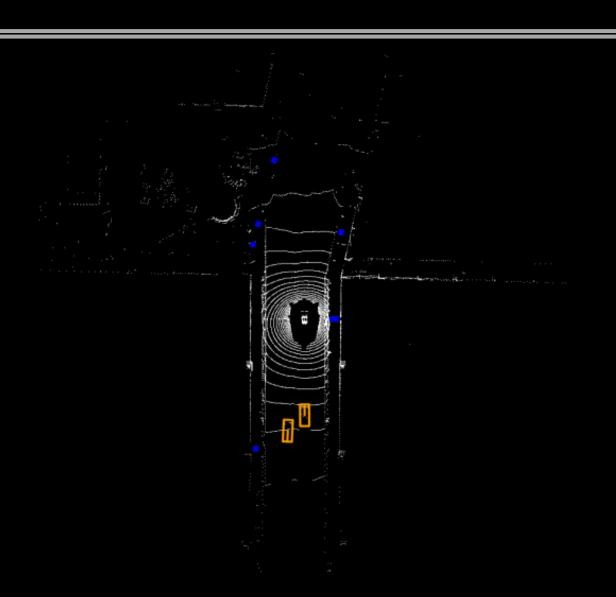




기존 BEV Fusion 2D BBox



BBox + Heading



Q & A