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for smart digital solutions



Intelligent Transport Systems & Engineering

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vicomtech

OpenLABEL – Labeling

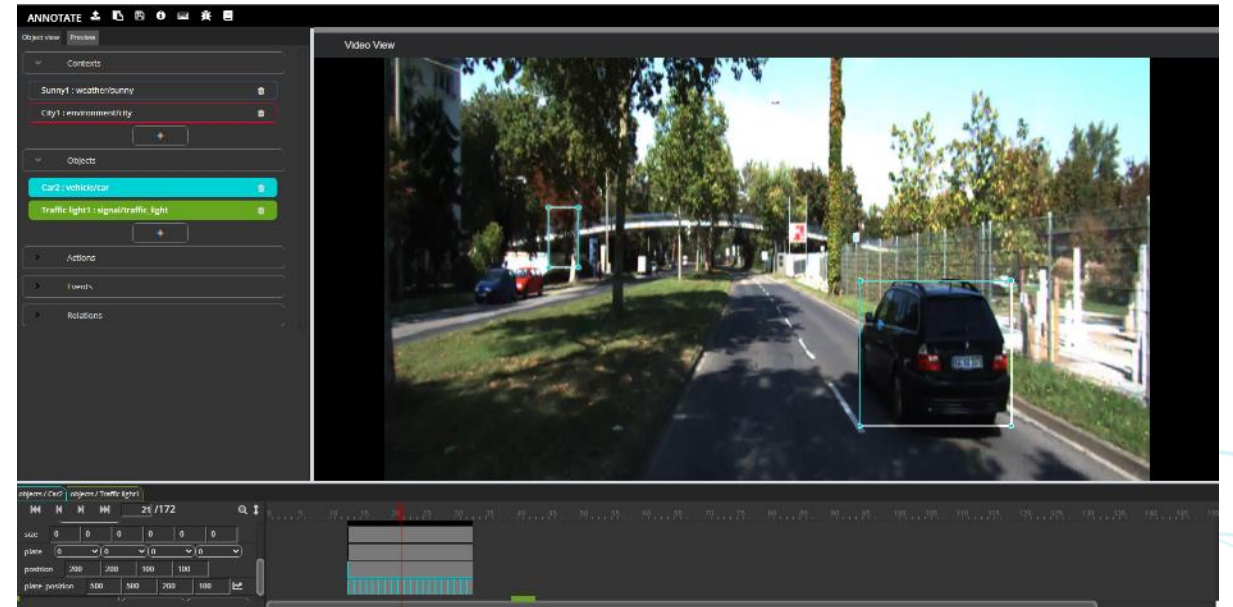
- **2D Objects** – detection & tracking (bboxes)
 - Converter Towncentre dataset
 - Custom labelling tool
- **3D Objects** – detection & tracking (cuboids)
 - Converter KITTI dataset
 - Custom labelling tool
- **Semantic segmentation** – Classes & Instances (poly2d)
 - Converter Mapillary Vistas dataset
 - Custom labelling tool



Github (open source, MIT license)

<https://github.com/Vicomtech/video-content-description-VCD>

Python and Typescript APIs



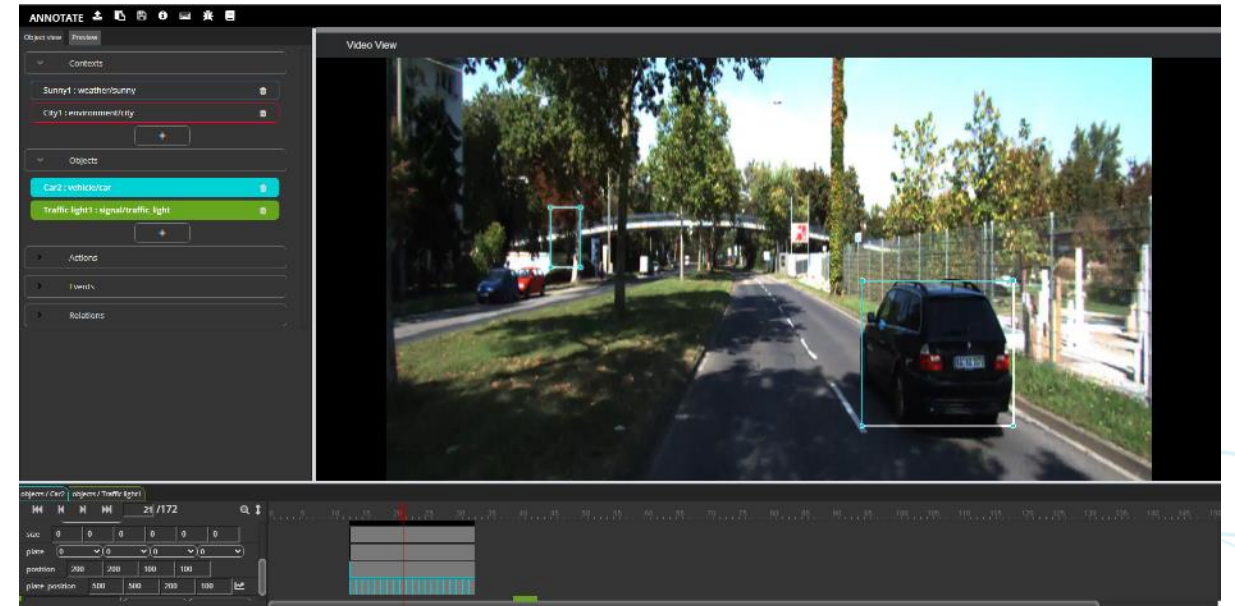
OpenLABEL annotation tool – *under development*

OpenLABEL – Labeling

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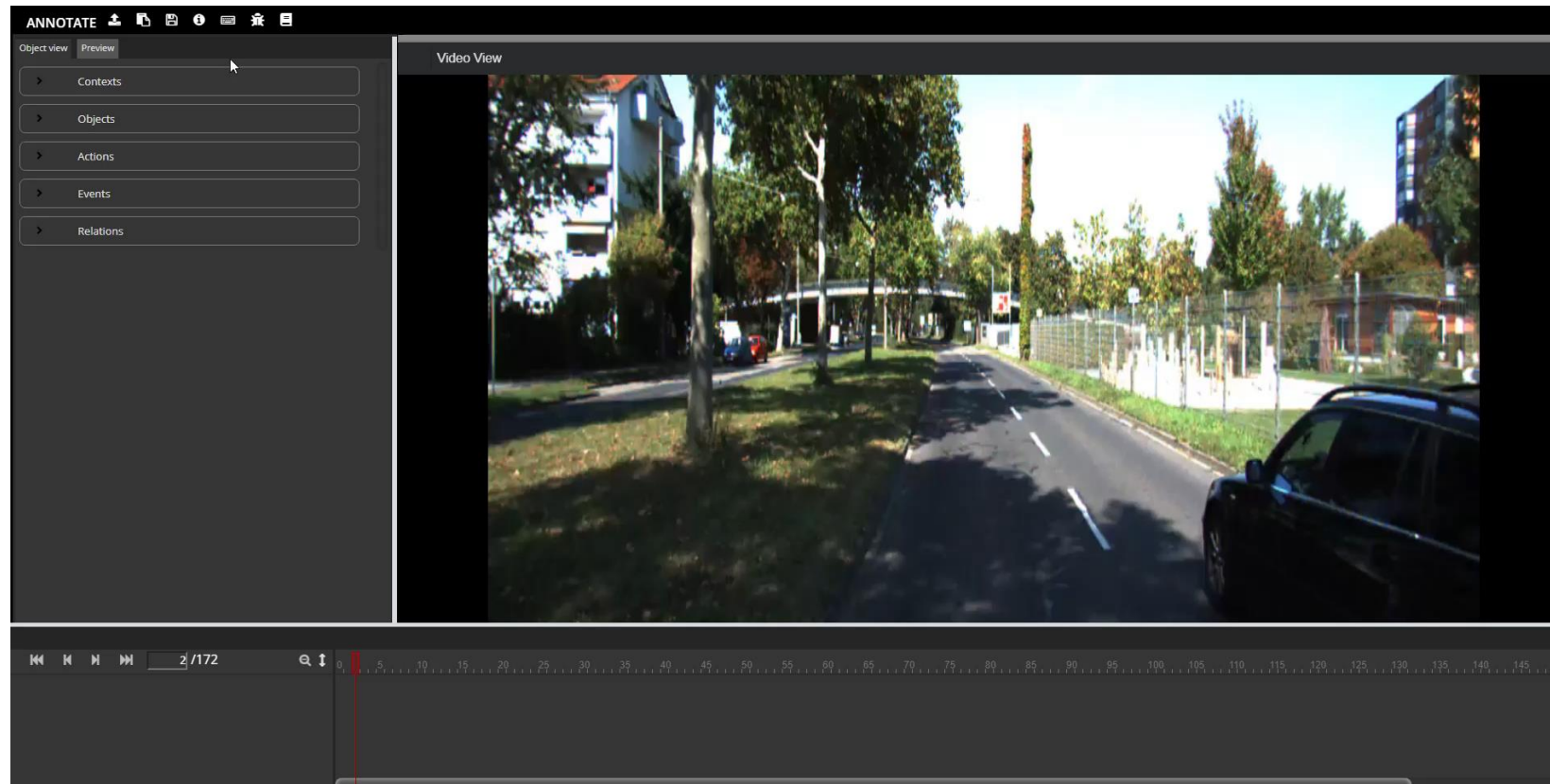


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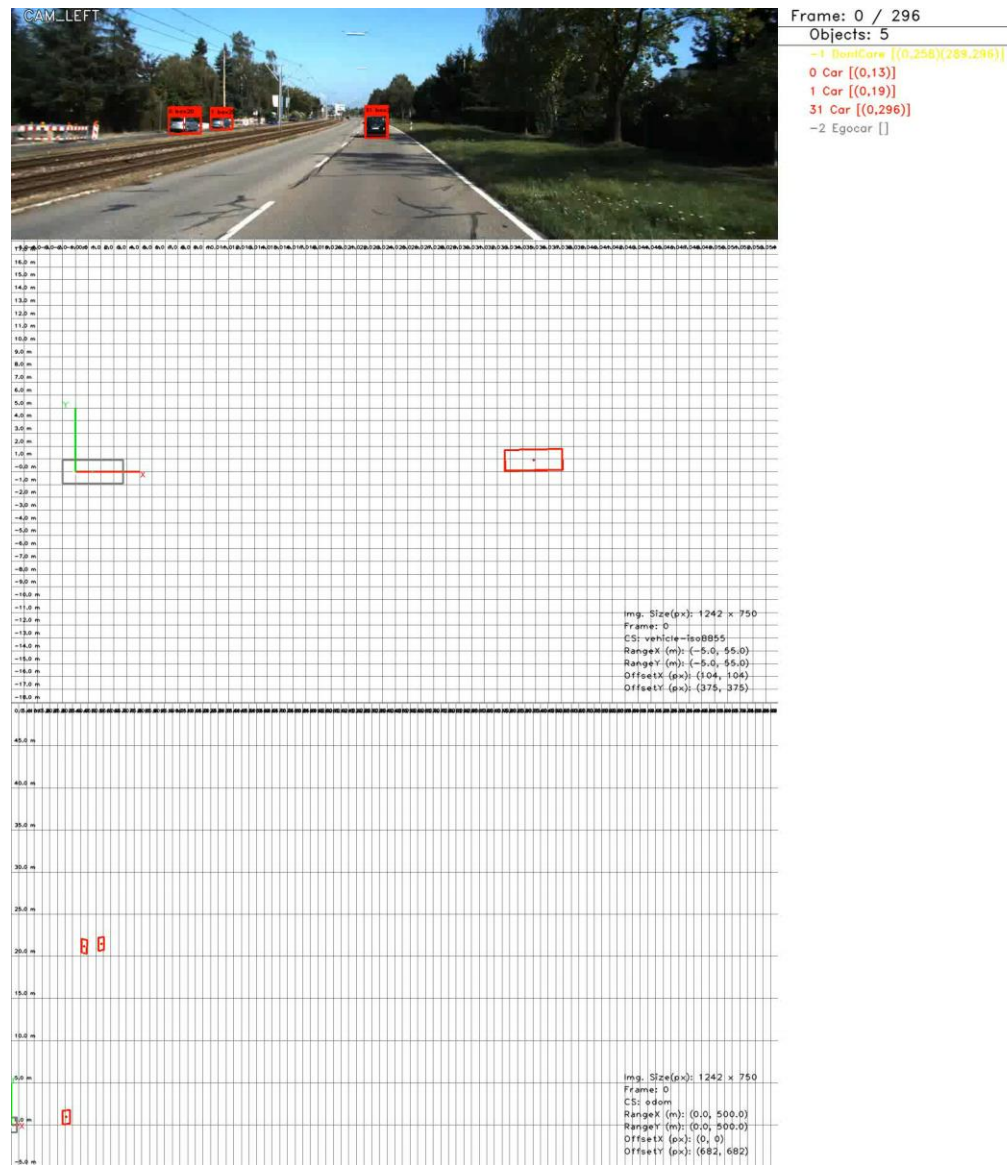
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OpenLABEL – Labeling

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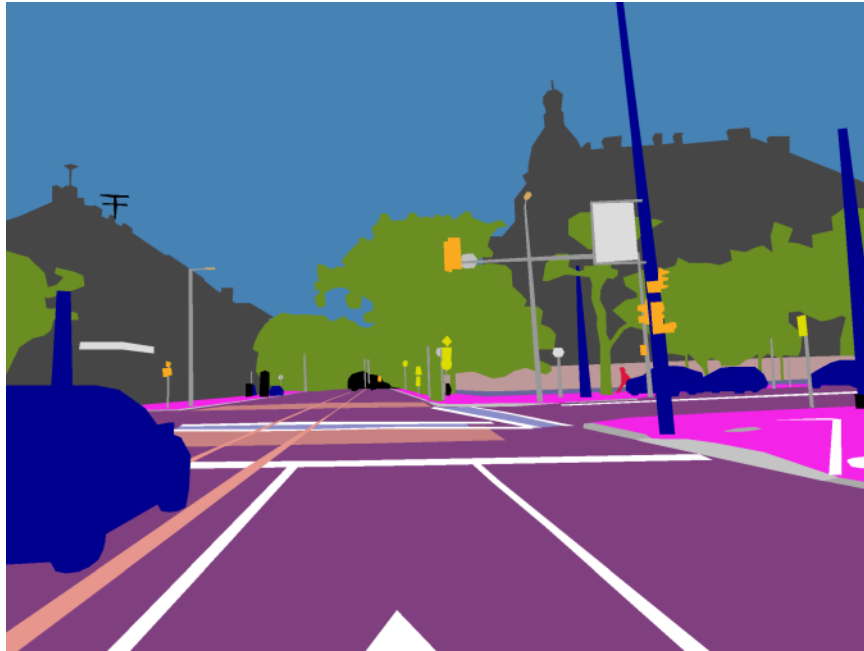
OpenLABEL – Labeling

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 - http://localhost:8000/data/use_cases/videos/manual_video10_annot_process.mp4



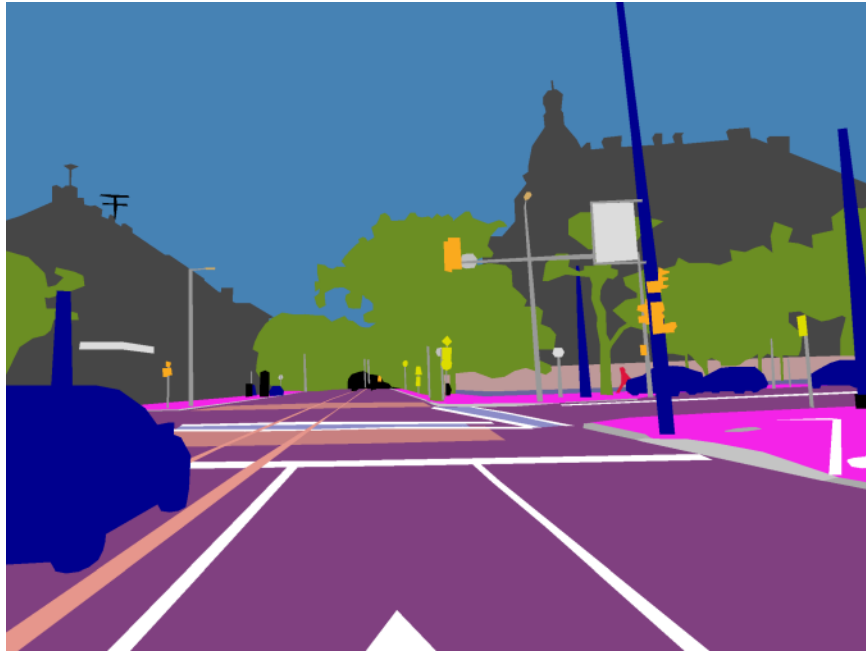
OpenLABEL – Labeling

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PNG image + config file



OpenLABEL JSON – base64



OpenLABEL JSON – poly2d ABSOLUTE



OpenLABEL JSON – poly2d Chain code



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PNG16bits image + config file



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OpenLABEL JSON – poly2d ABSOLUTE



OpenLABEL JSON – poly2d Chain code

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 - http://localhost:8000/data/use_cases/videos/PWD_strategy.mp4





Eskerrik asko
Gracias
Thank You

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