

Content of AnnotatedDataBosch.zip

There are two main folders ('1206' and '0120') in the zipped file, they belong to two different trips. The name is related to the date of the trips.

In each trip, there are six different scans. They are in different folders, their names are SceneXX where XX is the index, coded by one or two digits of the scene.

For each scene, the file structure is the same. The folders consist of the following subfolders and files:

1. SceneXX.xyz: The LiDAR scan of the last frame. It contains a 3D point cloud, scanned by the LiDAR. Note that the intensity value is removed. Coordinates are written into a plain text file.
2. SavedResult.ply: The annotated bounding boxes represented by a 3D point cloud. It can be visualized by e.g., Meshlab. (The tool can be freely downloaded from meshlab.net. Note that the file should be imported and not loaded into Meshlab.)
3. Folder 'images': The original input images for the last frame.
4. Folder 'images_bbox': The input images for the last frame, the bounding boxes are drawn as a 3D box. The height is not considered.
5. Folder 'AnnotatedFiles': The coordinates of the annotated bounding boxes written into text files. The file format is the same as that is required for the submission. There are separate files for the three cameras and the lidar. Visibility is not checked, the 2D coordinates can be outside the window.

Special cases:

- There are no parking cars between 3m and 15m in Scene8. Therefore, there are not any annotated bounding boxes.
- Unfortunately, in Scenes #5 and #6, the right camera (dev2) numbering is shifted. In that case the previous frames are applied. See the numbering in folder 'images' which contains original image files.