

Bosch-ELTE Contest

Evaluation

For the evaluation, the data and results will be downloaded/uploaded from/to a SCP server. Therefore, we ask you to install an SCP client in your laptop.

In the final evaluation, 17 novel sequences will be given to the competitors. There will be four turns. The sequences will be given in random order, but the starting points will be aligned to the original sequence cutting points (0, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$). The order of the sequences will be different for the turns. The first, second, third, and fourth turns always contain 25% of the data, only the starting point will differ.

In each turn, you will get one ZIP file. The format is the same as that for the published datasets. Therefore, each ZIP contains folders 'BoschX', $X = \{1, 2, \dots, 17\}$, in which the images and LiDAR scans are located. The LiDAR points are named as 'test_fn*.xyz' where * is the image number. Camera images are DevY_Image_w1920_h1200_fn*.jpg for which $Y = \{0, 1, 2, 3\}$ is the camera (device) number.

It is forbidden to view images or visualize lidar point clouds, please use command line implementations. The student will be excluded if he/she breaks this rule. The running of your software will be supervised by the organizers in a classroom. The software shall return the result as a CSV text format right after the processing of the current input is completed, then the organizers will give you the next input. The file name should be 'resultABT.txt' where A and B are your given and family names, $T = \{1, 2, 3, 4\}$ is the turn number. For example, 'resultThomasSmith2.csv' is a valid name for the second turn if Thomas Smith is the name of the competitor.

The resulting file should contain 17 rows. Each row consists of three numbers, separated by commas.

A valid resulting file is as follows:

1,2,6

12,13,1

3,17,11

...