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Description

Either use an existing visual slam package or an existing visual odometry package to recover a representation of vehicle movement in the back lot.

Usage

We used the hector slam package. You can install it with:

```
git clone https://github.com/tu-darmstadt-ros-pkg/hector_slam.git
```

Then compile it with `catkin_make` .

Open the 1st terminal, launch hector slam.

```
source devel/setup.bash  
roslaunch hector_slam_launch tutorial.launch
```

Open the 2nd terminal, play the prerecorded rosbag. (We used the data bag provided by TA, you can download it [here](#))

```
source devel/setup.bash
roslaunch SampleRun_2022-10-31 SampleRun_2022-10-31.launch
```

Video Link

<https://youtu.be/0PY2XPh1fyc>