

# Fix/remove obsolete lidar kf contour track

## #1842

New issue

❌ Closed

esteve wants to merge 1 commit into autowarefoundation:develop from esteve:fix/remove\_obsolete\_lidar\_kf\_contour\_track

Conversation 7

Commits 1

Checks 0

Files changed



esteve commented on Jan 8, 2019

Contributor

### Status

PRODUCTION / DEVELOPMENT

### Description

Obsolete according to <https://docs.google.com/spreadsheets/d/1wcMiQJFr3SwHAS9H21UbcnmMMDvq04Jpa7uGmlOMdl/edit>

Connects to [autowarefoundation/autoware\\_ai#475](#)

#### Reviewers

- sgermanserrano
- amc-nu
- kfunaoka
- k0suke-murakami

#### Assignees

No one assigned

#### Labels

version:autoware-ai

#### Projects

None yet

#### Milestone

No milestone

#### Development

Successfully merging this pull request may close these issues.

#### 5 participants



Remove obsolete lidar\_kf\_contour\_track 6171064

esteve changed the base branch from master to develop 6 years ago

kfunaoka mentioned this pull request on Mar 14, 2023

Delete obsolete packages and nodes autowarefoundation/autoware\_ai#475

esteve requested review from amc-nu, kfunaoka and sgermanserrano 6 years ago

sgermanserrano suggested changes on Jan 8, 2019

View reviewed changes



sgermanserrano left a comment

[@hatem-darweesh](#) mentioned this one is not obsolete



**kfunaoka** mentioned this pull request on Jan 8, 2019

**Remove obsolete obj\_reproj #1846**

Merged



**kfunaoka** commented on Jan 8, 2019

[#1846 \(comment\)](#)

lidar\_kf\_contour\_track is very important for OpenPlanner.  
it follows the same object tracking node interface.  
same as (lidar\_imm\_ukf) with similar performance according to kitti evaluation

[@hatem-darweesh](#) Would you explain why lidar\_kf\_contour\_track is important for OpenPlanner? In my understanding, OpenPlanner is independent from tracking algorithms, and can use other tracking algorithms.

@cirpue49 Do lidar\_kf\_contour\_track and lidar\_imm\_ukf show similar tracking performance?



**hatem-darweesh** commented on Jan 9, 2019

[@kfunaoka](#) it is different approach to track detected objects,

- I evaluated this tracking node using KITTI , and I got close results as imm\_ukf.
- Two important features that I added to this node:
  1. It supports the simulated (Ego, Other) vehicles I can track with specific ID's
  2. I can do frame by frame debugging in simulation mode

Sorry I didn't saw the nodes list earlier !



**kfunaoka** requested a review from **k0suke-murakami**

6 years ago



**kfunaoka** commented on Jan 9, 2019 • edited ▼

**@hatem-darweesh** It seems we can brush up the design between OpenPlanner and Tracking not to be locked in `lidar_kf_contour_track`. Adding the two features into every tracking algorithm might reduce the maintainability. For now, let's keep as-is regarding `lidar_kf_contour_track` until the design is brushed up :)



**esteve** commented on Jan 9, 2019

Contributor

Author

**@hatem-darweesh** sorry about that, I took a look at the packages that depend on `jsk_recognition_msgs` (because that's one of the dependencies that prevent us to migrate to ROS Melodic) and are declared as obsolete. Should any of the other `lidar_*` packages be removed?



**hatem-darweesh** commented on Jan 10, 2019

**@esteve** don't know about other `lidar_*` nodes, will `lidar_kf_contour_track` be a problem to leave?



**esteve** commented on Jan 10, 2019

Contributor

Author

**@hatem-darweesh** no problem at all keeping it :-). Thanks for checking, I'm closing this PR.



**esteve** closed this on Jan 10, 2019



**esteve** deleted the

`fix/remove_obsolete_lidar_kf_contour_track` branch

6 years ago



**mitsudome-r** added the `version:autoware-ai` label on Jun 14, 2022