

# Prefix packages with autoware\_ prefix and keep code in autoware namespace #4569

New issue

Open

estevé opened this issue on Mar 27 · 35 comments



estevé commented on Mar 27 · edited

Contributor

## Checklist

- ☒ I've read the [contribution guidelines](#).
- ☒ I've searched other issues and no duplicate issues were found.
- ☒ I've agreed with the maintainers that I can plan this task.

## Description

See

<https://github.com/orgs/autowarefoundation/discussions/4097>

## Purpose

Keep Autoware code clearly separate from other projects by adding appropriate namespacing and prefixes

## Possible approaches

Add autoware namespace and autoware\_ prefix for package names

## Definition of done

All packages are prefixed and the code is in the autoware namespace

List of packages in reverse topological order:

- ☐ tier4\_planning\_launch
- ☒ static\_centerline\_generator
  - [build\(static\\_centerline\\_generator\): prefix package and namespace with autoware\\_ autoware.universe#6817](#)

## Assignees

estevé

## Labels

component:system

## Projects

Software Working Group ▼  
Status: In Progress +1 more

## Milestone


No milestone

## Development

No branches or pull requests

## 7 participants



- [!\[\]\(694fcb4611893e9db5249daba48abfc1\_img.jpg\) fix\(autoware\\_static\\_centerline\\_generator\): remove prefix from topics and node names](#) [autoware.universe#7028](#)
- ☒ behavior\_velocity\_planner
  - [!\[\]\(8ec8d5dc48934930a762fecf6ecbe179\_img.jpg\) refactor\(behavior\\_velocity\\_planner\)!: prefix package and namespace with autoware\\_](#) [autoware.universe#6693](#)
- ☒ behavior\_velocity\_walkway\_module
  - [!\[\]\(c34a15e67573dae8fbb88f4cbfb0f2e9\_img.jpg\) refactor\(autoware\\_velocity\\_walkway\\_module\): prefix package with autoware\\_ and move code to the autoware namespace](#) [autoware.universe#7153](#)
- ☒ behavior\_velocity\_run\_out\_module
  - [!\[\]\(41f06fdeabb4e5a71d06fe8f32a46127\_img.jpg\) refactor\(autoware\\_velocity\\_run\\_out\\_module\): prefix package with autoware\\_ and move code to the autoware namespace](#) [autoware.universe#7154](#)
- ☒ behavior\_path\_external\_request\_lane\_change\_module
  - [!\[\]\(18eb66208e65404cce5042d73cf0a851\_img.jpg\) build\(behavior\\_path\\_external\\_request\\_lane\\_change\\_module\): prefix package and namespace with autoware\\_](#) [autoware.universe#6636](#)
- ☒ behavior\_path\_avoidance\_by\_lane\_change\_module
  - [!\[\]\(14a9d4de9e6699d41b68e8807e2d5f76\_img.jpg\) refactor\(behavior\\_path\\_avoidance\\_by\\_lane\\_change\\_module\): prefix package and namespace with autoware\\_](#) [autoware.universe#6638](#)
  - Duplicate:
    -  [!\[\]\(fa8e43d6f5da9cf596808674ced6c198\_img.jpg\) refactor\(behavior\\_path\\_avoidance\\_by\\_lane\\_change\\_module\)!: prefix package and namespace with autoware](#) [autoware.universe#7309](#)
- ☐ tier4\_control\_launch
- ☒ behavior\_velocity\_virtual\_traffic\_light\_module
  - [!\[\]\(2b564e327fe9708ac2f9320a9ae84c76\_img.jpg\) refactor\(autoware\\_velocity\\_virtual\\_traffic\\_light\\_module\): prefix package with autoware\\_ and move code to the autoware namespace](#) [autoware.universe#7155](#)
- ☒ behavior\_velocity\_traffic\_light\_module
  - [!\[\]\(484cd33a03c33977d2fcf6bb9cc02435\_img.jpg\) refactor\(behavior\\_velocity\\_traffic\\_light\\_module\): prefix package and namespace with autoware](#) [autoware.universe#7162](#)
- ☒ behavior\_velocity\_template\_module
  - [!\[\]\(c885083f23ac65632c3cf77b16f7a193\_img.jpg\) refactor\(behavior\\_velocity\\_template\\_module\): prefix package and namespace with autoware\\_](#) [autoware.universe#6639](#)
- ☒ behavior\_velocity\_stop\_line\_module
  - [!\[\]\(20f0f5805f0a60636883bdd13c58dc31\_img.jpg\) refactor\(behavior\\_velocity\\_stop\\_line\\_module\): prefix package and namespace with autoware\\_](#) [autoware.universe#7285](#)
- ☒ behavior\_velocity\_speed\_bump\_module

- [🔗 refactor\(autoware\\_behavior\\_velocity\\_speed\\_bump\\_module\): prefix package and namespace with autoware](#) autoware.universe#7467
- ✓ behavior\_velocity\_out\_of\_lane\_module
  - [🔗 refactor\(out\\_of\\_lane\): remove from behavior\\_velocity](#) autoware.universe#7359
- ✓ behavior\_velocity\_occlusion\_spot\_module
  - [🔗 refactor\(occlusion\\_spot\): add autoware prefix](#) autoware.universe#7357
  - [🔗 fix\(occlusion\\_spot\\_module\): fix dependencies, docs, codeowners](#) autoware.universe#7393
- ✓ behavior\_velocity\_no\_stopping\_area\_module
  - [🔗 refactor\(no\\_stopping\\_area\)!: add autoware prefix](#) autoware.universe#7425
- ✓ behavior\_velocity\_no\_drivable\_lane\_module
  - [🔗 refactor\(behavior\\_velocity\\_no\\_drivable\\_lane\\_module\): prefix package and namespace with autoware](#) autoware.universe#7469
- ✓ behavior\_velocity\_intersection\_module
  - [🔗 refactor\(behavior velocity intersection\)!: prefix package and namespace with autoware\\_](#) autoware.universe#7315
- ✓ behavior\_velocity\_dynamic\_obstacle\_stop\_module
  - [🔗 refactor\(behavior\\_velocity\\_dynamic\\_obstacle\\_stop\\_module\): prefix package and namespace with autoware](#) autoware.universe#7470
- ✓ behavior\_velocity\_detection\_area\_module
  - [🔗 refactor\(autoware\\_behavior\\_velocity\\_detection\\_area\\_module\): prefix package and namespace with autoware](#) autoware.universe#7466
- ✓ behavior\_velocity\_crosswalk\_module
  - [🔗 refactor\(crosswalk\)!: add autoware\\_ prefix](#) autoware.universe#7407
- ✓ behavior\_velocity\_blind\_spot\_module
  - [🔗 refactor\(behavior\\_velocity\\_blind\\_spot\\_module\): prefix package and namespace with autoware](#) autoware.universe#7380
- ✓ behavior\_path\_start\_planner\_module
  - [🔗 refactor\(behavior\\_path\\_start\\_planner\\_module\): prefix package and namespace with autoware](#) autoware.universe#7352
- ✓ behavior\_path\_side\_shift\_module
  - [🔗 refactor\(behavior\\_path\\_side\\_shift\\_module\)!: prefix package and namespace with autoware](#) autoware.universe#7326
- ✓ behavior\_path\_lane\_change\_module
  - [🔗 refactor\(behavior\\_path\\_lane\\_change\\_module\): prefix package and namespace with autoware](#) autoware.universe#7370

- ☒ behavior\_path\_goal\_planner\_module
  - [!\[\]\(effbd7993c63c039a58fd3395789cf3f\_img.jpg\) refactor\(goal\\_planner\): add autoware prefix autoware.universe#7420](#)
- ☒ behavior\_path\_static\_obstacle\_avoidance
  - [!\[\]\(144980d038f2541d7b588a8a9132bd70\_img.jpg\) chore\(static\\_obstacle\\_avoidance, dynamic\\_obstacle\\_avoidance\): rename avoidance package autoware.universe#7168](#)
- ☒ behavior\_path\_dynamic\_obstacle\_avoidance\_module
  - [!\[\]\(c4ce2d477989700c971cf3d240ad9283\_img.jpg\) chore\(static\\_obstacle\\_avoidance, dynamic\\_obstacle\\_avoidance\): rename avoidance package autoware.universe#7168](#)
- ☐ trajectory\_follower\_node
- ☐ tier4\_perception\_launch
- ☒ behavior\_velocity\_planner\_common
  - [!\[\]\(5013555a72072875cb154b597e002a46\_img.jpg\) refactor\(behavior\\_velocity\\_planner\\_common\)!: prefix package and namespace with autoware autoware.universe#7314](#)
- ☒ behavior\_path\_sampling\_planner\_module
  - [!\[\]\(bf2038c114ec21ea58ad011774351c98\_img.jpg\) refactor\(behavior\\_path\\_sampling\\_planner\\_module\): add autoware prefix autoware.universe#7392](#)
- ☒ behavior\_path\_planner
  - [!\[\]\(1ad0c3425edfa4762c2f20e33e3e5bbf\_img.jpg\) refactor\(behavior\\_path\\_planner\): prefix autoware\\_ to behavior\\_path\\_planner package autoware.universe#7433](#)
- ☐ traffic\_light\_fine\_detector
- ☐ tier4\_simulator\_launch
- ☐ tier4\_localization\_launch
- ☐ tier4\_autoware\_api\_launch
- ☒ scenario\_selector
  - [!\[\]\(74d2fc5645add84f8511beb934060048\_img.jpg\) refactor\(scenario\\_selector\): prefix package and namespace with autoware\\_ autoware.universe#7379](#)
- ☐ sample\_sensor\_kit\_launch
- ☒ pure\_pursuit
  - [!\[\]\(ddc5533caa0187e636e3d3234e0983a3\_img.jpg\) refactor\(pure\\_pursuit\): prefix package and namespace with autoware\\_ autoware.universe#7301](#)
- ☒ planning\_validator
  - [!\[\]\(7c207f8f59385c6dd11f9d9bdc7a0d1d\_img.jpg\) refactor\(planning\\_validator\)!: prefix package and namespace with autoware autoware.universe#7320](#)
- ☒ pid\_longitudinal\_controller
  - [!\[\]\(57a1bf910af99362b80b3ac4f2eecbac\_img.jpg\) refactor\(pid\\_longitudinal\\_controller\)!: prefix package and namespace with autoware autoware.universe#7383](#)
- ☒ path\_smoother
  - [!\[\]\(6b114000ab07dda576e2920e2dc838fa\_img.jpg\) refactor\(path\\_smoother\)!: prefix package and namespace with autoware autoware.universe#7381](#)

- ☒ path\_sampler
- ☒ obstacle\_velocity\_limiter
- ☒ obstacle\_stop\_planner
  - [refactor\(obstacle\\_stop\\_planner\): prefix package and namespace with autoware](#) autoware.universe#7565
- ☒ obstacle\_cruise\_planner
  - [refactor\(obstacle\\_cruise\\_planner\)!: add autoware\\_prefix](#) autoware.universe#7419
- ☒ obstacle\_avoidance\_planner
- ☒ mpc\_lateral\_controller
  - [refactor\(mpc\\_lateral\\_controller, trajectory\\_follower\\_node\)!: prefix package and namespace with autoware](#) autoware.universe#7306
- ☒ motion\_velocity\_smoother
- ☒ image\_projection\_based\_fusion
  - [refactor\(image\\_projection\\_based\\_fusion\)!: add package name prefix of autoware\\_](#) autoware.universe#8162
- ☒ freespace\_planner
  - [refactor\(freespace\\_planner\)!: add autoware prefix](#) autoware.universe#7376
- ☒ detection\_by\_tracker
  - [refactor\(detection\\_by\\_tracker\)!: fix namespace and directory structure](#) autoware.universe#7742
- ☒ behavior\_path\_planner\_common
  - [chore\(bpp\): add prefix autoware](#) autoware.universe#7288
- ☐ awsim\_sensor\_kit\_launch
- ☒ vehicle\_cmd\_gate
  - [chore\(vehicle\\_cmd\\_gate\): add prefix autoware\\_to vehicle\\_cmd\\_gate](#) autoware.universe#7327
- ☐ trajectory\_follower\_base
- ☒ tracking\_object\_merger
  - [refactor\(tracking\\_object\\_merger\)!: fix namespace and directory structure](#) autoware.universe#7663
- ☐ tier4\_planning\_rviz\_plugin
- ☐ tensorrt\_yolox
- ☒ surround\_obstacle\_checker
  - [refactor\(surround\\_obstacle\\_checker\)!: prefix package and namespace with autoware](#) autoware.universe#7298
- ☒ steer\_offset\_estimator
  - [chore\(steer\\_offset\\_estimator\): add prefix autoware\\_to steer\\_offset\\_estimator](#) autoware.universe#7342

- ☐ simple\_planning\_simulator
- ☒ radar\_object\_tracker
  - [refactor\(radar\\_object\\_tracker\)!: fix namespace and directory structure](#) autoware.universe#7658
- ☒ radar\_object\_clustering
  - [refactor\(radar\\_object\\_clustering\)!: fix namespace and directory structure](#) autoware.universe#7654
- ☐ predicted\_path\_checker
- ☒ pose\_initializer
  - [refactor\(pose\\_initializer\)!: prefix package and namespace with autoware](#) autoware.universe#8701
- ☒ planning\_topic\_converter
  - [chore\(autoware\\_planning\\_topic\\_converter\): add prefix autoware](#) autoware.universe#7296
- ☐ planning\_test\_utils
- ☐ planning\_evaluator
- ☐ perception\_online\_evaluator
- ☒ path\_distance\_calculator
  - [refactor\(autoware\\_path\\_distance\\_calculator\): prefix package and namespace with autoware](#) autoware.universe#8085
- ☒ operation\_mode\_transition\_manager
  - [refactor\(operation\\_mode\\_transition\\_manager\): prefix package and namespace with autoware](#) autoware.universe#7291
- ☐ object\_merger
  - [refactor\(object\\_merger\)!: fix namespace and directory structure](#) autoware.universe#7642
- ☐ multi\_object\_tracker
- ☒ mission\_planner
  - [refactor\(mission\\_planner\)!: add autoware prefix and namespace](#) autoware.universe#7414
- ☒ map\_based\_prediction
  - [refactor\(map\\_based\\_prediction\): prefix map based prediction](#) autoware.universe#7391
- ☐ lidar\_centerpoint
- ☒ lane\_departure\_checker
  - [refactor\(lane\\_departure\\_checker\)!: prefix package and namespace with autoware](#) autoware.universe#7325
- ☐ frenet\_planner
- ☒ external\_cmd\_converter
  - [refactor\(external cmd converter\)!: add autoware\\_prefix](#) autoware.universe#7361
- ☐ euclidean\_cluster
- ☐ detected\_object\_validation

- ☐ default\_ad\_api
- ☒ control\_validator
  - [refactor\(control\\_validator\)!: prefix package and namespace with autoware](#) [autoware.universe#7304](#)
- ☐ control\_performance\_analysis
- ☐ common\_sensor\_launch
- ☒ cluster\_merger
  - [refactor\(cluster\\_merger\)!: fix namespace and directory structure](#) [autoware.universe#7738](#)
- ☐ bezier\_sampler
- ☒ autonomous\_emergency\_braking
  - [feat\(autonomous\\_emergency\\_braking\): prefix package and namespace with autoware\\_](#) [autoware.universe#7294](#)
- ☐ ar\_tag\_based\_localizer
- ☒ accel\_brake\_map\_calibrator
  - [refactor\(accel\\_brake\\_map\\_calibrator\)!: add autoware\\_ prefix](#) [autoware.universe#7351](#)
- ☐ tier4\_system\_launch
- ☐ tier4\_sensing\_launch
- ☐ tier4\_perception\_rviz\_plugin
- ☐ tier4\_map\_launch
- ☐ tier4\_localization\_rviz\_plugin
- ☐ sampler\_common
- ☒ raw\_vehicle\_cmd\_converter
  - [refactor\(raw\\_vehicle\\_cmd\\_converter\)!: prefix package and namespace with autoware](#) [autoware.universe#7385](#)
- ☐ pose\_estimator\_arbiter
  - [refactor\(pose\\_estimator\\_arbiter\)!: prefix package and namespace with autoware](#) [autoware.universe#8386](#)
- ☐ pacmod\_interface
- ☒ occupancy\_grid\_map\_outlier\_filter
  - [refactor\(occupancy\\_grid\\_map\\_outlier\\_filter\)!: fix namespace and directory structure](#) [autoware.universe#7748](#)
- ☐ obstacle\_collision\_checker
- ☐ object\_recognition\_utils
  - [refactor\(polar\\_grid\): add autoware prefix to polar\\_grid](#) [autoware.universe#8945](#)
- ☐ nebula\_sensor\_driver
- ☐ ndt\_scan\_matcher
- ☒ motion\_utils
  - [refactor\(universe\\_utils/motion\\_utils\)!: add autoware namespace](#) [autoware.universe#7594](#)

- [🔗 refactor\(motion\\_utils\)!: add autoware prefix and include dir](#) [autoware.universe#7539](#)
- ☐ lidar\_apollo\_segmentation\_tvm\_nodes
- ☐ landmark\_manager
- ☐ ground\_segmentation
  - [🔗 refactor\(ground\\_segmentation\)!: fix namespace and directory structure](#) [autoware\\_launch#1044](#)
  - [🔗 refactor\(ground\\_segmentation\)!: fix namespace and directory structure](#) [autoware.universe#7744](#)
- ☐ global\_parameter\_loader
  - [🔗 refactor\(global\\_parameter\\_loader\): prefix package and namespace with autoware](#) [autoware.universe#9303](#)
- ☒ freespace\_planning\_algorithms
  - [🔗 refactor\(freespace\\_planning\\_algorithms\)!: add autoware prefix](#) [autoware.universe#7375](#)
- ☐ elevation\_map\_loader
- ☐ compare\_map\_segmentation
  - [🔗 refactor\(autoware\\_compare\\_map\\_segmentation\): prefix package and namespace with autoware](#) [autoware.universe#7592](#)
- ☐ yabloc\_pose\_initializer
- ☐ yabloc\_particle\_filter
- ☐ yabloc\_image\_processing
- ☐ vehicle\_info\_util
- ☐ traffic\_light\_recognition\_marker\_publisher
  - [🔗 refactor\(traffic\\_light\\_recognition\\_marker\\_publisher\): prefix package and namespace with autoware](#) [autoware.universe#9305](#)
- ☐ traffic\_light\_occlusion\_predictor
- ☐ traffic\_light\_map\_based\_detector
- ☐ tier4\_vehicle\_rviz\_plugin
- ☐ tier4\_system\_rviz\_plugin
- ☐ tier4\_control\_rviz\_plugin
- ☐ tier4\_automatic\_goal\_rviz\_plugin
- ☐ system\_monitor
- ☐ system\_error\_monitor
- ☒ simple\_object\_merger
  - [🔗 refactor\(simple\\_object\\_merger\)!: fix namespace and directory structure](#) [autoware.universe#7700](#)
- ☐ shape\_estimation
- ☐ route\_handler
- ☒ radar\_tracks\_msgs\_converter
  - [🔗 refactor\(radar\\_fusion\\_to\\_detected\\_object\)!: fix namespace and directory](#)



[structure autoware.universe#7650](#)

- ☒ radar\_static\_pointcloud\_filter
  - [refactor\(radar\\_scan\\_to\\_pointcloud2, radar\\_static\\_pointcloud\\_filter, radar\\_threshold\\_filter\)!: add package name prefix of autoware\\_ autoware.universe#8132](#)
- ☒ radar\_fusion\_to\_detected\_object
  - [refactor\(radar\\_fusion\\_to\\_detected\\_object\)!: fix namespace and directory structure autoware.universe#7650](#)
- ☒ radar\_crossing\_objects\_noise\_filter
  - [refactor\(radar\\_crossing\\_objects\\_noise\\_filter\)!: fix namespace and directory structure autoware.universe#7649](#)
- ☒ probabilistic\_occupancy\_grid\_map
  - [refactor\(probabilistic\\_occupancy\\_grid\\_map, occupancy\\_grid\\_map\\_outlier\\_filter\): add autoware\\_ prefix to package name autoware.universe#8183](#)
- ☒ pose\_instability\_detector
  - [refactor\(pose\\_instability\\_detector\)!: prefix package and namespace with autoware autoware.universe#8568](#)
- ☐ pointcloud\_preprocessor
- ☒ objects\_of\_interest\_marker\_interface
  - [refactor\(objects\\_of\\_interest\\_marker\\_interface\)!: prefix package and namespace with autoware autoware.universe#7413](#)
- ☒ object\_velocity\_splitter
  - [refactor\(object\\_velocity\\_splitter\)!: fix namespace and directory structure autoware.universe#7646](#)
- ☐ nebula\_tests
- ☐ nebula\_examples
- ☒ map\_projection\_loader
  - [refactor\(map\\_projection\\_loader\)!: prefix package and namespace with autoware autoware.universe#8420](#)
- ☐ map\_loader
- ☐ localization\_util
- ☐ localization\_evaluator
- ☒ localization\_error\_monitor
  - [refactor\(localization\\_error\\_monitor\)!: prefix package and namespace with autoware autoware.universe#8423](#)
- ☐ lidar\_centerpoint\_tvm
- ☐ lidar\_apollo\_segmentation\_tvm
- ☐ lidar\_apollo\_instance\_segmentation
- ☐ kinematic\_evaluator


- ☒ interpolation
  - [refactor\(autoware\\_interpolation\): prefix package and namespace with autoware](#) [autoware.universe#8088](#)
- ☐ imu\_corrector
- ☒ image\_diagnostics
  - [refactor\(image\\_diagnostics\): add package name prefix of autoware\\_](#) [autoware.universe#8130](#)
- ☐ gyro\_odometer
  - [refactor\(gyro\\_odometer\)!: prefix package and namespace with autoware](#) [autoware.universe#8340](#)
- ☒ grid\_map\_utils
  - [refactor\(grid\\_map\\_utils\): add autoware prefix and namespace](#) [autoware.universe#7487](#)
- ☐ goal\_distance\_calculator
  - [refactor\(goal\\_distance\\_calculator\): prefix package and namespace with autoware](#) [autoware.universe#9172](#)
- ☒ gnss\_poser
  - [chore\(gnss\\_poser\): add autoware prefix to gnss\\_poser](#) [autoware.universe#8323](#)
- ☐ geo\_pose\_projector
- ☐ fault\_injection
- ☒ external\_cmd\_selector
  - [refactor\(external\\_cmd\\_selector\): prefix package and namespace with au...](#) [autoware.universe#7384](#)
- ☐ ekf\_localizer
- ☐ dummy\_perception\_publisher
- ☐ dummy\_diag\_publisher
- ☒ detected\_object\_feature\_remover
  - [refactor\(detected\\_object\\_feature\\_remover\)!: fix namespace and directory structure](#) [autoware.universe#7739](#)
- ☒ crosswalk\_traffic\_light\_estimator
  - [refactor\(crosswalk\\_traffic\\_light\\_estimator\)!: add autoware\\_ prefix](#) [autoware.universe#7365](#)
- ☐ awapi\_awiv\_adapter
- ☐ ad\_api\_adaptors
- ☐ yabloc\_common
- ☐ vehicle\_velocity\_converter
- ☒ traffic\_light\_visualization
  - [refactor\(traffic\\_light\\_\\*\): add package name prefix of autoware\\_](#) [autoware.universe#8159](#)
- ☒ traffic\_light\_utils
  - [refactor\(traffic\\_light\\_\\*\): add package name prefix of autoware\\_](#) [autoware.universe#8159](#)

- ☒ traffic\_light\_multi\_camera\_fusion
  - [refactor\(traffic\\_light\\_\\*\): add package name prefix of autoware\\_ autoware.universe#8159](#)
- ☒ traffic\_light\_classifier
  - [refactor\(traffic\\_light\\_\\*\): add package name prefix of autoware\\_ autoware.universe#8159](#)
- ☒ traffic\_light\_arbiter
  - [refactor\(traffic\\_light\\_\\*\): add package name prefix of autoware\\_ autoware.universe#8159](#)
- ☐ tier4\_traffic\_light\_rviz\_plugin
- ☐ tier4\_state\_rviz\_plugin
- ☐ tier4\_camera\_view\_rviz\_plugin
- ☐ tier4\_calibration\_rviz\_plugin
- ☒ tier4\_autoware\_utils
  - [feat\(autoware\\_universe\\_utils\): rename from tier4\\_autoware\\_utils autoware.universe#7538](#)
- ☐ tier4\_auto\_msgs\_converter
- ☐ tier4\_adapi\_rviz\_plugin
- ☒ shift\_decider
  - [refactor\(shift\\_decider\): prefix package and namespace with autoware\\_ autoware.universe#7310](#)
- ☐ nebula\_ros
- ☐ mrm\_handler
- ☐ map\_tf\_generator
  - [refactor\(map\\_tf\\_generator\): prefix package and namespace with autoware autoware.universe#8422](#)
- ☐ map\_height\_fitter
  - [refactor\(map\\_projection\\_loader\): prefix package and namespace with autoware autoware.universe#8420](#)
- ☐ lanelet2\_map\_preprocessor
- ☐ lanelet2\_extension\_python
- ☒ joy\_controller
  - [refactor\(joy\\_controller\): prefix package and namespace with autoware autoware.universe#7382](#)
- ☒ geography\_utils
  - [refactor\(geography\\_utils\): prefix package and namespace with autoware autoware.universe#7790](#)
- ☐ emergency\_handler
- ☐ eagleye\_rt
- ☐ eagleye\_gnss\_converter
- ☐ eagleye\_geo\_pose\_converter
- ☐ costmap\_generator
- ☐ component\_interface\_specs

- ☐ bytetrack
- ☐ automatic\_pose\_initializer
- ☒ twist2accel
  - [!\[\]\(effbd7993c63c039a58fd3395789cf3f\_img.jpg\) refactor\(twist2accel\)!: prefix package and namespace with autoware autoware.universe#8299](#)
- ☐ tier4\_vehicle\_msgs
- ☐ tier4\_perception\_msgs
- ☐ tier4\_api\_msgs
- ☐ tensorrt\_classifier
- ☐ rtc\_manager\_rviz\_plugin
- ☒ object\_range\_splitter
  - [!\[\]\(144980d038f2541d7b588a8a9132bd70\_img.jpg\) refactor\(object\\_range\\_splitter\)!: fix namespace and directory structure autoware.universe#7644](#)
- ☐ nebula\_hw\_interfaces
- ☐ mrm\_emergency\_stop\_operator
- ☐ mrm\_comfortable\_stop\_operator
- ☐ mission\_planner\_rviz\_plugin
- ☐ lanelet2\_extension
- ☐ hazard\_status\_converter
- ☐ fake\_test\_node
- ☒ external\_velocity\_limit\_selector
  - [!\[\]\(c4ce2d477989700c971cf3d240ad9283\_img.jpg\) chore\(autoware\\_external\\_velocity\\_limit\\_selector\): add prefix autoware autoware.universe#7295](#)
- ☐ eagleye\_navigation
- ☐ eagleye\_geo\_pose\_fusion
- ☐ eagleye\_fix2kml
- ☐ diagnostic\_graph\_aggregator
- ☐ component\_state\_monitor
- ☐ component\_interface\_utils
- ☐ component\_interface\_tools
- ☐ common\_awsim\_sensor\_launch
- ☐ yabloc\_monitor
- ☐ velodyne\_monitor
- ☐ vehicle\_door\_simulator
- ☐ tvn\_utility
  - [!\[\]\(5013555a72072875cb154b597e002a46\_img.jpg\) refactor\(tvn\\_utility\) prefix package and namespace with autoware autoware.universe#9241](#)
- ☐ tree\_structured\_parzen\_estimator
- ☐ topic\_state\_monitor
- ☐ time\_utils
  - [!\[\]\(bf2038c114ec21ea58ad011774351c98\_img.jpg\) refactor\(time\\_utils\): prefix package and namespace with autoware autoware.universe#9173](#)

- ☐ tier4\_vehicle\_launch
- ☐ tier4\_target\_object\_type\_rviz\_plugin
- ☐ tier4\_system\_msgs
- ☐ tier4\_simulated\_clock\_rviz\_plugin
- ☐ tier4\_screen\_capture\_rviz\_plugin
- ☐ tier4\_planning\_msgs
- ☐ tier4\_pcl\_extensions
- ☐ tier4\_metrics\_rviz\_plugin
- ☐ tier4\_logging\_level\_configure\_rviz\_plugin
- ☐ tier4\_hmi\_msgs
- ☐ tier4\_debug\_rviz\_plugin
- ☐ tier4\_datetime\_rviz\_plugin
- ☐ tier4\_control\_msgs
- ☐ tier4\_api\_utils
- ☒ stop\_filter
  - [refactor\(stop\\_filter\): prefix package and namespace with autoware](#) [autoware.universe#7789](#)
- ☒ signal\_processing
  - [refactor\(signal\\_processing\): prefix package and namespace with autoware](#) [autoware.universe#8541](#)
- ☐ rtklib\_bridge
- ☒ rtc\_replayer
  - [refactor\(rtc\\_replayer\): prefix rtc replayer](#) [autoware\\_tools#37](#)
- ☒ rtc\_interface
  - [refactor\(rtc\\_interface\)!: prefix package and namespace with autoware](#) [autoware.universe#7321](#)
- ☒ radar\_tracks\_noise\_filter
  - [refactor\(radar\\_tracks\\_msgs\\_converter, simple\\_object\\_merger, radar\\_tracks\\_noise\\_filter\)!: add package name prefix of autoware\\_](#) [autoware.universe#8173](#)
- ☒ radar\_threshold\_filter
  - [refactor\(radar\\_scan\\_to\\_pointcloud2, radar\\_static\\_pointcloud\\_filter, radar\\_threshold\\_filter\)!: add package name prefix of autoware\\_](#) [autoware.universe#8132](#)
- ☒ radar\_scan\_to\_pointcloud2
  - [refactor\(radar\\_scan\\_to\\_pointcloud2, radar\\_static\\_pointcloud\\_filter, radar\\_threshold\\_filter\)!: add package name prefix of autoware\\_](#) [autoware.universe#8132](#)
- ☐ qp\_interface
  - [refactor\(qp\\_interface\): prefix package and namespace with autoware](#) [autoware.universe#9236](#)

- ☒ pose2twist
  - [!\[\]\(2dc8cdc0c918df88cde61039ecf68682\_img.jpg\) refactor\(pose2twist\)!: prefix package and namespace with autoware](#) [autoware.universe#8347](#)
- ☐ polar\_grid
  - [!\[\]\(793119bf0d613bd9b598fb8668922511\_img.jpg\) refactor\(polar\\_grid\): add autoware prefix to polar\\_grid](#) [autoware.universe#8945](#)
- ☐ perception\_utils
- ☐ osqp\_interface
  - [!\[\]\(0a4819029e810ca9d2aba79260b63a4d\_img.jpg\) refactor\(osqp\\_interface\): added autoware prefix to osqp\\_interface](#) [autoware.universe#8958](#)
- ☐ nebula\_decoders
- ☒ livox\_tag\_filter
  - [!\[\]\(5b78a2fafd05db5e14d20573d68ef9b3\_img.jpg\) refactor\(livox\\_tag\\_filter\): prefix package and namespace with autoware](#) [autoware.universe#7788](#)
- ☒ kalman\_filter
  - [!\[\]\(25fe2c0d7244c22c84de6bda963b471d\_img.jpg\) refactor\(kalman\\_filter\): prefix package and namespace with autoware](#) [autoware.universe#7787](#)
- ☒ image\_transport\_decompressor
  - [!\[\]\(d4bd0dc972749ad3ba477eac47688a0b\_img.jpg\) refactor: image transport decompressor/autoware prefix](#) [autoware.universe#8197](#)
- ☐ glog\_component
  - [!\[\]\(5eab3de5002abb449199a3fc43c9f414\_img.jpg\) refactor\(glog\\_component\): prefix package and namespace with autoware](#) [autoware.universe#9302](#)
- ☐ eagleye\_msgs
- ☐ duplicated\_node\_checker
- ☐ dummy\_infrastructure
- ☐ diagnostic\_converter
- ☐ cuda\_utils
  - [!\[\]\(3f2384a64e2c0ffe3eae9a8107dd00c7\_img.jpg\) refactor\(cuda\\_utils\): prefix package and namespace with autoware](#) [autoware.universe#9171](#)
- ☐ boost\_udp\_driver
- ☐ boost\_serial\_driver
- ☐ bluetooth\_monitor
- ☐ bag\_time\_manager\_rviz\_plugin
- ☐ ad\_api\_visualizers
- ☐ vls\_description
- ☐ tier4\_v2x\_msgs
- ☐ tier4\_simulation\_msgs
- ☐ tier4\_rtc\_msgs
- ☐ tier4\_map\_msgs
- ☐ tier4\_localization\_msgs
- ☐ tier4\_external\_api\_msgs

- ☐ tier4\_debug\_msgs
- ☐ tamagawa\_imu\_driver
- ☐ sample\_vehicle\_launch
- ☐ sample\_vehicle\_description
- ☐ sample\_sensor\_kit\_description
- ☐ rtklib\_msgs
- ☐ robosense\_msgs
- ☐ radar\_description
- ☐ pointcloud\_to\_laserscan
- ☐ pandar\_msgs
- ☐ pandar\_description
- ☐ nebula\_common
- ☐ ndt\_omp
  -  [refactor\(ndt\\_omp\): prefix with autoware\\_ tier4/ndt\\_omp#68](#)
- ☐ mussp
- ☐ llh\_converter
- ☐ livox\_description
- ☐ individual\_params
- ☐ imu\_description
- ☐ eagleye\_tf
- ☐ eagleye\_coordinate
- ☐ eagleye\_can\_velocity\_converter
- ☐ camera\_description
- ☐ boost\_tcp\_driver
- ☐ boost\_io\_context
- ☐ awsim\_sensor\_kit\_description
- ☐ velodyne\_description
- ☐ tensorrt\_common
- ☐ morai\_msgs
- ☐ heaphook



**esteve** self-assigned this on Mar 27



This was referenced on Mar 27

**C++ code should be in the autoware namespace #4117**

 Closed

**build(behavior\_path\_external\_request\_lane\_change\_module): prefix package and namespace with autoware\_**

 Merged

autowarefoundation/autoware.univers  
e#6636

**build(static\_centerline\_optimizer):**  
**prefix package and namespace with**  
**autoware\_**  
autowarefoundation/autoware.universe  
#6635

 Closed


**refactor(behavior\_velocity\_planner)!**  
**: prefix package and namespace**  
**with autoware\_**  
autowarefoundation/autoware.univers  
e#6693

 Merged



 **idorobotics** added this to **Autoware Labs** on Apr 4



 **idorobotics** added the **component:system** label  
on Apr 4



 **xmfcx** moved this to **In Progress** in **Autoware Labs**  
on Apr 5



 **esteve** mentioned this issue on Apr 15

**build(static\_centerline\_generator):**  
**prefix package and namespace with**  
**autoware\_**  
autowarefoundation/autoware.univers  
e#6817

 Merged

 4 tasks





xmfcx commented on May 2

Contributor

Following up from:

- <https://github.com/orgs/autowarefoundation/discussions/4097#discussioncomment-8384169>
  - `autoware_package_name/include/autoware/package_name`
- [🔗 build\(static\\_centerline\\_generator\): prefix package and namespace with autoware\\_ autoware.universe#6817 \(comment\)](#)

We should prefix the package folder names with `autoware_` too.

The package name in the `package.xml` file should match its parent folder.

I might have missed something too, open to discussion.



esteve commented on May 2

Contributor

Author

@xmfcx I've been waiting for feedback from the TierIV engineers regarding renaming the folders. @mitsudome-r do you have any updates? Thanks.



xmfcx commented on May 2 • edited

Contributor

I would like to change it and see the response in this case. And solve the issues after they arise.

`main` branch is a development branch and this is expected.



mitsudome-r commented on May 7

Member

I think we can move on with changing the package folder name as well.

However, we did have some concerns about the changing the package names & include folder structure for the packages in `autoware_common` repository and also the packages with `tier4_` prefix.

[https://github.com/autowarefoundation/autoware\\_common](https://github.com/autowarefoundation/autoware_common)



This was referenced on May 7

refactor(behavior\_velocity\_template\_module): prefix package and

🔗 Merged

**namespace with autoware\_**

autowarefoundation/autoware.univers  
e#6639

**refactor(behavior\_path\_avoidance\_  
by\_lane\_change\_module): prefix  
package and namespace with  
autoware\_**

autowarefoundation/autoware.univers  
e#6638

Merged



xmfcx mentioned this issue on May 8

**feat: update the naming rules for  
directories and classes**

autowarefoundation/autoware-  
documentation#547

4 tasks

Merged



This was referenced on May 28

**refactor(autoware\_velocity\_walkway\_  
\_module): prefix package with  
autoware\_ and move code to the  
autoware namespace**

autowarefoundation/autoware.univers  
e#7153

Merged

**refactor(autoware\_velocity\_run\_out\_  
\_module): prefix package with  
autoware\_ and move code to the  
autoware namespace**

autowarefoundation/autoware.univers  
e#7154

Merged

**refactor(autoware\_velocity\_virtual\_t  
raffic\_light\_module): prefix package  
with autoware\_ and move code to  
the autoware namespace**

autowarefoundation/autoware.univers  
e#7155

Merged

**refactor(behavior\_velocity\_traffic\_li  
ght\_module): prefix package and  
namespace with autoware**

autowarefoundation/autoware.univers  
e#7162

Merged



This was referenced on May 30

**chore(static\_obstacle\_avoidance, dynamic\_obstacle\_avoidance): rename avoidance package**  
autowarefoundation/autoware.univers  
e#7168


 Merged

**chore(autoware\_velocity\_smoother, autoware\_path\_optimizer): rename packages**  
autowarefoundation/autoware.univers  
e#7202

 Merged



 **esteve** mentioned this issue on Jun 5

**refactor(behavior\_velocity\_stop\_line\_module): prefix package and namespace with autoware\_**  
autowarefoundation/autoware.univers  
e#7285  
 4 tasks

 Merged



This was referenced on Jun 6

**feat(autonomous\_emergency\_braking): prefix package and namespace with autoware\_**  
autowarefoundation/autoware.univers  
e#7294


 Merged

**refactor(control\_validator)!: prefix package and namespace with autoware**  
autowarefoundation/autoware.univers  
e#7304

 Merged



 **rej55** mentioned this issue on Jun 6

**refactor(behavior\_velocity\_planner\_common)!: prefix package and namespace with autoware**  
autowarefoundation/autoware.univers  
e#7314  
 7 tasks

 Merged



This was referenced on Jun 6

**refactor(behavior\_velocity\_intersection)!: prefix package and**

 Merged

namespace with autoware\_

autowarefoundation/autoware.univers  
e#7315

**refactor(rtc\_replayer): prefix rtc  
replayer**

autowarefoundation/autoware\_tools#3  
7

 Merged



 rej55 mentioned this issue on Jun 6

**refactor(rtc\_interface)!: prefix  
package and namespace with  
autoware**

autowarefoundation/autoware.univers  
e#7321

 7 tasks

 Merged



 xmfcx mentioned this issue on Jun 6

**refactor(lane\_departure\_checker)!:  
prefix package and namespace with  
autoware**

autowarefoundation/autoware.univers  
e#7325

 4 tasks

 Merged

199 hidden items

[Load more...](#)



 a-maumu mentioned this issue on Sep 26

**refactor(vehicle\_velocity\_converter)!:  
prefix package and namespace with  
autoware**

autowarefoundation/autoware.universe#  
8967

 Open



 xmfcx added this to **Software Working Group**  
on Oct 4



 xmfcx removed this from **Autoware Labs** on Oct 4



 **xmfcx** moved this to **In Progress** in **Software Working Group** on Oct 4



This was referenced on Oct 16

**refactor(component\_interface\_utils)**  
**: prefix package and namespace**  
**with autoware**

autowarefoundation/autoware.univers  
e#9092

 Merged

**refactor(component\_interface\_tools**  
**): prefix package and namespace**  
**with autoware**

autowarefoundation/autoware.univers  
e#9093

 Merged

**refactor(component\_interface\_spec**  
**s): prefix package and namespace**  
**with autoware**

autowarefoundation/autoware.univers  
e#9094

 Merged



This was referenced 3 weeks ago

**refactor(autoware\_point\_types):**  
**prefix namespace with**  
**autoware::point\_types**

autowarefoundation/autoware.univers  
e#9169

 Merged

**refactor(autoware\_grid\_map\_utils):**  
**prefix folder structure with**  
**autoware/**

autowarefoundation/autoware.univers  
e#9170

 Merged

**refactor(cuda\_utils): prefix package**  
**and namespace with autoware**

autowarefoundation/autoware.univers  
e#9171

 Merged

**refactor(goal\_distance\_calculator):**  
**prefix package and namespace with**  
**autoware**

autowarefoundation/autoware.univers  
e#9172

 Merged

**refactor(time\_utils): prefix package**  
**and namespace with autoware**

 Merged

autowarefoundation/autoware.univers  
e#9173



This was referenced 2 weeks ago

**refactor(qp\_interface): prefix  
package and namespace with  
autoware**

Merged

autowarefoundation/autoware.univers  
e#9236

**refactor(tvm\_utility) prefix package  
and namespace with autoware**

Closed

autowarefoundation/autoware.universe  
#9241

**refactor(fake\_test\_node): prefix  
package and namespace with  
autoware**

Merged

autowarefoundation/autoware.univers  
e#9249

**refactor(autoware\_ad\_api\_specs):  
prefix package and namespace with  
autoware**

Merged

autowarefoundation/autoware.univers  
e#9250

**refactor(traffic\_light\_utils): prefix  
package and namespace with  
autoware**

Merged

autowarefoundation/autoware.univers  
e#9251

**refactor(glog\_component): prefix  
package and namespace with  
autoware**

Open

autowarefoundation/autoware.universe#  
9302



This was referenced last week

**refactor(global\_parameter\_loader):  
prefix package and namespace with  
autoware**

Draft

autowarefoundation/autoware.universe#  
9303

**refactor(traffic\_light\_recognition\_mar  
ker\_publisher): prefix package and**

Open

namespace with autoware

autowarefoundation/autoware.universe#

9305



xmfcx commented 3 days ago

Contributor

@esteve recently I've come across this file:

<https://github.com/autowarefoundation/autoware/blob/0dd08838d0ebc154bf698ee1b8d157a456eb044f/docker/Dockerfile>

It is referencing some packages by the names, when prefixing, you might need to create a PR against [autoware](#) repository as well.

It has recently caused an issue here:

- [fix\(docker\): add autoware prefix to map\\_loader #5451](#)



esteve commented 3 days ago

Contributor

Author

@xmfcx thanks, I hadn't seen that file.



2



This was referenced yesterday

**refactor(glog\_component): prefix package and namespace with autoware**

autowarefoundation/autoware\_tools#158

Open

**refactor(glog\_component): prefix package and namespace with autoware**

autowarefoundation/awsim\_labs\_sensor\_kit\_launch#10

Open

**refactor(glog\_component): prefix package and namespace with autoware**

autowarefoundation/sample\_sensor\_kit\_launch#110

Open

**refactor(glog\_component): prefix package and namespace with autoware**

Open

autowarefoundation/single\_lidar\_sensor  
\_kit\_launch#4

**refactor(glog\_component): prefix  
package and namespace with  
autoware**

 Open

autowarefoundation/autoware\_launch#1  
245

**refactor(global\_parameter\_loader):  
prefix package and namespace with  
autoware**

 Open

tier4/pacmod\_interface#87

**refactor(global\_parameter\_loader):  
prefix package and namespace with  
autoware**

 Open

autowarefoundation/autoware\_tools#15  
9

**refactor(global\_parameter\_loader):  
prefix package and namespace with  
autoware**

 Open

autowarefoundation/autoware\_launch#1  
246