nav2_core::Controller
cl_move_base_z::backward
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- costmapRos_
- tf_
- goalMarkerPublisher_
- planPub_
- k_rho_
- k_alpha_
- k_betta_
- pure_spinning_allowed
_betta_error_
- linear_mode_rho_error
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- alpha_offset_
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- max_linear_x_speed_
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- yaw_goal_tolerance_
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- carrot_distance_
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- divergenceDetectionLastCarrot
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- initialPureSpinningStage_
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- currentCarrotPoseIndex_
+ BackwardLocalPlanner()
+ ~BackwardLocalPlanner()
+ configure()
+ activate()
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+ cleanup()
+ setPlan()
+ computeVelocityCommands()
+ isGoalReached()
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- updateParameters()
- findInitialCarrotGoal()
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- resamplePrecisePlan()
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- clearMarkers()
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- computeCurrentEuclideanAnd
AngularErrorsToCarrotGoal()
- checkGoalReached()
- checkCurrentPoseInGoalRange()
- resetDivergenceDetection()
- divergenceDetectionUpdate()
- checkCarrotHalfPlainConstraint()
- generateTrajectory()
- computeNewPositions()