



cl_move_base_z::backward
_local_planner::BackwardLocalPlanner

- paramServer_
- f
- backwardsPlanPath_
- costmapRos_
- goalMarkerPublisher_
- k_rho_
- k_alpha_
- k_betta_
- pure_spinning_allowed
- betta_error
- linear_mode_rho_error
- threshold
- goalReached_
- initialPureSpinningStage_
- pureSpinningMode_
- enable_obstacle_checking_
- alpha_offset_
- betta_offset_
- yaw_goal_tolerance_
- xy_goal_tolerance_
- carrot_distance_
- carrot_angular_distance_
- max_linear_x_speed_
- max_angular_z_speed_
- currentCarrotPoseIndex_
- waiting_
- waitingTimeout_
- waitingStamp_

- + BackwardLocalPlanner()
- + ~BackwardLocalPlanner()
- + computeVelocityCommands()
- + isGoalReached()
- + setPlan()
- + initialize()
- + initialize()
- + initialize()
- reconfigCB()
- createCarrotGoal()
- pureSpinningCmd()
- defaultBackwardCmd()
- publishGoalMarker()
- computeCurrentEuclideanAndAngularErrors()
- generateTrajectory()
- computeNewPositions()