BaseLocalPlanner cl move base z::backward local planner::BackwardLocalPlanner paramServer backwardsPlanPath costmapRos goalMarkerPublisher - k rho - k alpha - k betta 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 currentPoseIndex - waiting waitingTimeout - waitingStamp + BackwardLocalPlanner() + ~BackwardLocalPlanner() + computeVelocityCommands() + isGoalReached() + setPlan() + initialize() + initialize() + initialize() reconfigCB() createCarrotGoal() pureSpinningCmd() defaultBackwardCmd() publishGoalMarker() generateTrajectory()

computeNewPositions()