nav core::BaseGlobalPlanner backward global planner ::BackwardGlobalPlanner - nh forwardPathSub - planPub - markersPub - lastForwardPathMsq - costmap ros - cmd server - skip straight motion distance - puresSpinningRadStep + BackwardGlobalPlanner() + ~BackwardGlobalPlanner() + makePlan() + makePlan() + createDefaultBackwardPath() + createPureSpiningAndStragiht LineBackwardPath() + initialize() onForwardTrailMsg() publishGoalMarker() commandServiceCall()