smacc2::ISmaccClientBehavior stateMachine_ currentState currentOrthogonal + ISmaccClientBehavior() + ~ISmaccClientBehavior() + getStateMachine() + getName() + requiresClient() + requiresComponent() + onEntry() + onExit() + executeOnEntry() + executeOnExit() # runtimeConfigure() # postEvent() # postEvent() # getCurrentState() # dispose() # getNode() # getLogger() onOrthogonalAllocation() smacc2::SmaccAsyncClient Behavior onEntryThread_ onExitThread_ postFinishEventFn_ postSuccessEventFn_ postFailureEventFn_ onFinished_ onSuccess_ onFailure_ isShutdownRequested_ + onOrthogonalAllocation() + ~SmaccAsyncClientBehavior() + onSuccess() + onFinished() + onFailure() + requestForceFinish() + executeOnEntry() + executeOnExit() + waitOnEntryThread() + onSuccess() + onFinished() + onFailure() # postSuccessEvent() # postFailureEvent() # dispose() # isShutdownRequested() waitFutureIfNotFinished() cl_nav2z::CbNav2ZClientBehaviorBase # nav2zClient_ # navigationCallback_ # navigationResult_ # goalHandleFuture_ + ~CbNav2ZClientBehaviorBase() + onOrthogonalAllocation() # sendGoal() # cancelGoal() # isOwnActionResponse() # onNavigationResult() # onNavigationActionSuccess() onNavigationActionAbort() cl_nav2z::CbAbsoluteRotate cl_nav2z::CbNavigateGlobal cl_nav2z::CbNavigateForward + listener Position + absoluteGoalAngleDegree + options + goalYaw cl_nav2z::CbNavigateNext Waypoint + yawGoalTolerance cl_nav2z::CbNavigateBackwards # odomTracker_ cl_nav2z::CbRotate cl_nav2z::CbUndoPathBackwards + options + maxVelTheta backwardDistance # goalPose_ + rotateDegree # waypointsNavigator_ listener + goalPosition + spinningPlanner + backwardSpeed # forwardDistance_ + goalChecker_ # options_ + CbNavigateGlobalPosition() odomTracker oldYawTolerance goalChecker_ + CbNavigateForward() + spinningPlanner # navigationCallback_ + CbNavigateGlobalPosition() options_ oldMaxVelTheta odomTracker_ CbNavigateForward() listener + CbNavigateNextWaypoint() + setGoal() CbUndoPathBackwards() oldMinVelTheta CbNavigateBackwards() CbNavigateForward() + CbRotate() + ~CbNavigateNextWaypoint() onEntry() + onEntry() - CbAbsoluteRotate() + ~CbNavigateForward() + CbRotate() onEntry() + onEntry() + onExit() + onExit() - CbAbsoluteRotate() + onEntry() + onExit() + onEntry() + onExit() + execute() + onEntry() + onExit() readStartPoseFromParameter + onExit() + setForwardDistance() Server() updateTemporalBehaviorParameters() cl_nav2z::CbNavigateNext WaypointUntilReached cl_nav2z::CbNavigateNamed goalWaypointName_ Waypoint cl_nav2z::CbRotateLookAt postEvGoalWaypointReached_ cl_nav2z::CbStopNavigation + waypointsNavigator_ + listener CbNavigateNextWaypointUntil + waypointname_ Reached() + lookAtPose_ + CbStopNavigation() + CbNavigateNamedWaypoint() - ~CbNavigateNextWaypointUntil + CbRotateLookAt() + onEntry() Reached() + ~CbNavigateNamedWaypoint() CbRotateLookAt() onExit() + onOrthogonalAllocation() + onEntry() onEntry() + onEntry() + onExit() + onExit() + onNavigationActionSuccess()