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 nitrosz::CbNav2ZClient **BehaviorBase** # nitroszClient_ # navigationCallback_ # navigationResult # goalHandleFuture + ~CbNav2ZClientBehaviorBase() + onOrthogonalAllocation() # sendGoal() # cancelGoal() # isOwnActionResponse() # onNavigationResult() # onNavigationActionSuccess() # onNavigationActionAbort()

options # navigationCallback_

waypointsNavigator

cl_nitrosz::CbNavigateNext Waypoint

+ CbNavigateNextWaypoint()

- + onEntry()
- + onExit()

+ ~CbNavigateNextWaypoint()

Waypoint + waypointsNavigator_

- cl_nitrosz::CbNavigateNamed
- + waypointname
- + CbNavigateNamedWaypoint()
- + ~CbNavigateNamedWaypoint()
- + onEntry() + onExit()

WaypointUntilReached goalWaypointName - postEvGoalWaypointReached_

cl_nitrosz::CbNavigateNext

- - + CbNavigateNextWaypointUntil
 - Reached()
 - + ~CbNavigateNextWaypointUntil
 - Reached() + onOrthogonalAllocation()
 - + onEntry()
 - + onExit() + onNavigationActionSuccess()