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 smacc2::ISmaccUpdatable + onOrthogonalAllocation() periodDuration_ + ~SmaccAsyncClientBehavior() lastUpdate_ + onSuccess() + ISmaccUpdatable() + onFinished() + ISmaccUpdatable() + onFailure() + executeUpdate() + requestForceFinish() setUpdatePeriod() + executeOnEntry() update() + executeOnExit() + waitOnEntryThread() + onSuccess() + onFinished() + onFailure() # postSuccessEvent()



cl_moveit2z::CbMoveEndEffector Trajectory

postFailureEvent()

isShutdownRequested() waitFutureIfNotFinished()

dispose()

- allowInitialTrajectoryState
- JointDiscontinuity_ # endEffectorTrajectory_
- # movegroupClient_
- # beahiorMarkers_
- markersPub_
- markersInitialized_
- iksrv_ - m_mutex_
- postJointDiscontinuityEvent
- postIncorrectInitialState Event
- postMotionExecutionFailure **Events**
- autocleanmarkers
- + CbMoveEndEffectorTrajectory()
- + CbMoveEndEffectorTrajectory() + onOrthogonalAllocation()
- + onEntry()
- + onExit()
- + update()
- # computeJointSpaceTrajectory()
- # executeJointSpaceTrajectory()
- # generateTrajectory()
- # createMarkers() # getCurrentEndEffectorPose()
- initializeROS()

cl_moveit2z::CbExecuteLast Trajectory

- + CbExecuteLastTrajectory()
- + ~CbExecuteLastTrajectory()
- + generateTrajectory() + onEntry()