**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()

**smacc2::ISmaccUpdatable**

- periodDuration_
- lastUpdate_

- + ISmaccUpdatable()
- + ISmaccUpdatable()
- + executeUpdate()
- + setUpdatePeriod()
- # update()

**cl_moveit2z::CbMoveEndEffector Trajectory**

- + group_
- + tipLink_
- + 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::CbMoveCartesian Relative2**

- + offset_
- + linearSpeed_m_s_
- - globalFrame_

- + CbMoveCartesianRelative2()
- + CbMoveCartesianRelative2()
- + ~CbMoveCartesianRelative2()
- + generateTrajectory()