smacc::ISmaccClientBehavior

- stateMachine_
- currentState
- currentOrthogonal

+ ISmaccClientBehavior()
+ ~ISmaccClientBehavior()
+ getStateMachine()
+ getName()
+ requiresClient()
+ requiresComponent()
# runtimeConfigure()
# onEntry()
# onExit()
# postEvent()
# postEvent()
# getCurrentState()
# executeOnEntry()
# executeOnExit()
# dispose()
- onOrthogonalAllocation()

smacc::SmaccAsyncClientBehavior

- onEntryThread_
- onExitThread_
- postFinishEventFn_
- postSuccessEventFn_
- postFailureEventFn_
- onFinished_
- onSuccess_
- onFailure_

+ onOrthogonalAllocation()
+ ~SmaccAsyncClientBehavior()
+ onSuccess()
+ onFinished()
+ onFailure()
# executeOnEntry()
# executeOnExit()
# postSuccessEvent()
# postFailureEvent()
# dispose()

smacc::ISmaccUpdatable

- periodDuration_
- lastUpdate_

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

cl_move_group_interface ::CbMoveEndEffectorTrajectory

+ group_
+ tipLink_
+ allowInitialTrajectoryState
JointDiscontinuity_
endEffectorTrajectory_
movegroupClient_
beahiorMarkers_
- markersPub_
- markersInitialized_
- iksrv_
- m_mutex_
- postJointDiscontinuityEvent
- postIncorrectInitialState
Event
- postMotionExecutionFailure
Events

+ CbMoveEndEffectorTrajectory()
+ CbMoveEndEffectorTrajectory()
+ onOrthogonalAllocation()
+ onEntry()
+ onExit()
+ update()
# computeJointSpaceTrajectory()
# executeJointSpaceTrajectory()
# generateTrajectory()
# createMarkers()
- initializeROS()

cl_move_group_interface ::CbCircularPivotMotion

+ angularSpeed_rad_s_
+ linearSpeed_m_s_
+ relativeInitialPose_
# planePivotPose_
# deltaRadians_

+ CbCircularPivotMotion()
+ CbCircularPivotMotion()
+ CbCircularPivotMotion()
+ generateTrajectory()
+ createMarkers()
- computeCurrentEndEffector
PoseRelativeToPivot()

cl_move_group_interface ::CbCircularPouringMotion

+ angularSpeed_rad_s_
+ linearSpeed_m_s_
# pivotPoint_
# deltaHeight_

+ CbCircularPouringMotion()
+ generateTrajectory()
+ createMarkers()
+ getCurrentEndEffectorPose()
- computeCurrentEndEffector
PoseRelativeToPivot()

cl_move_group_interface ::CbExecuteLastTrajectory

+ CbExecuteLastTrajectory()
+ ~CbExecuteLastTrajectory()
+ onEntry()

cl_move_group_interface ::CbEndEffectorRotate

+ CbEndEffectorRotate()
+ ~CbEndEffectorRotate()
+ onEntry()