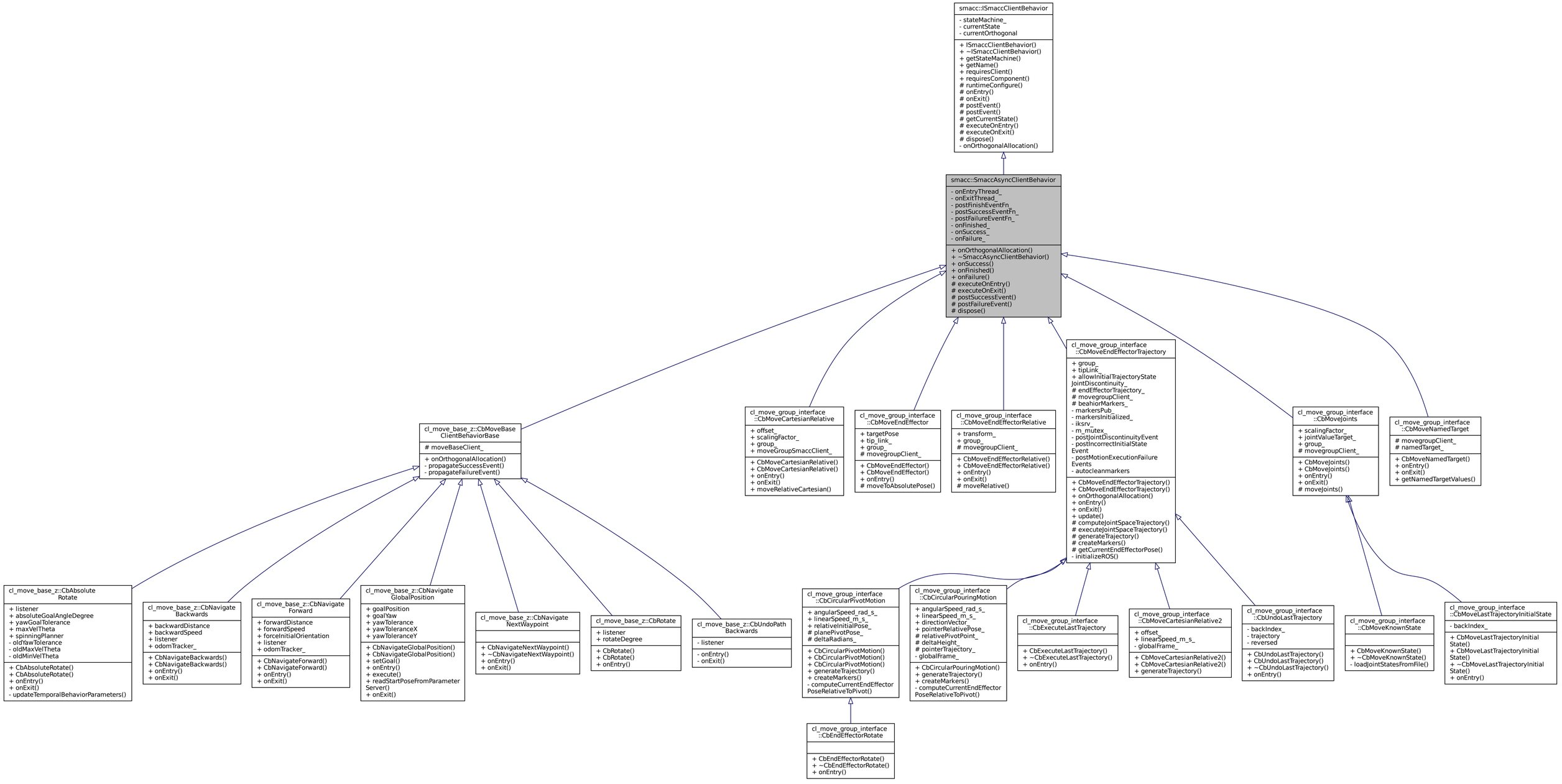
smacc::ISmaccClientBehavior
- stateMachine_
- currentState
- currentOrthogonal
+ ISmaccClientBehavior()
+ ~ISmaccClientBehavior()
+ getStateMachine()
+ getName()
+ requiresClient()
+ requiresComponent()
# runtimeConfigure()
# onEntry()
# onExit()
# postEvent()
# postEvent()
# getCurrentState()
# executeOnEntry()
# executeOnExit()
# dispose()
- onOrthogonalAllocation()
smacc::SmaccAsyncClientBehavior
- onEntryThread_
- onExitThread_
- postFinishEventFn_
- postSuccessEventFn_
- postFailureEventFn_
- onFinished_
- onSuccess_
- onFailure_
+ onOrthogonalAllocation()
+ ~SmaccAsyncClientBehavior()
+ onSuccess()
+ onFinished()
+ onFailure()
# executeOnEntry()
# executeOnExit()
# postSuccessEvent()
# postFailureEvent()
# dispose()
cl_move_base_z::CbMoveBase ClientBehaviorBase
moveBaseClient_
+ onOrthogonalAllocation()
- propagateSuccessEvent()
- propagateFailureEvent()
cl_move_group_interface ::CbMoveCartesianRelative
+ offset_
+ scalingFactor_
+ group_
+ moveGroupSmaccClient_
+ CbMoveCartesianRelative()
+ CbMoveCartesianRelative()
+ onEntry()
+ onExit()
+ moveRelativeCartesian()
cl_move_group_interface ::CbMoveEndEffector
+ targetPose
+ tip_link_
+ group_
# movegroupClient_
+ CbMoveEndEffector()
+ CbMoveEndEffector()
+ onEntry()
# moveToAbsolutePose()
cl_move_group_interface ::CbMoveEndEffectorRelative
+ transform_
+ group_
# movegroupClient_
+ CbMoveEndEffectorRelative()
+ CbMoveEndEffectorRelative()
+ onEntry()
+ onExit()
# moveRelative()
cl_move_group_interface ::CbMoveEndEffectorTrajectory
+ 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_move_group_interface ::CbMoveJoints
+ scalingFactor_
+ jointValueTarget_
+ group_
# movegroupClient_
+ CbMoveJoints()
+ CbMoveJoints()
+ onEntry()
+ onExit()
# moveJoints()
cl_move_group_interface ::CbMoveNamedTarget
movegroupClient_
namedTarget_
+ CbMoveNamedTarget()
+ onEntry()
+ onExit()
+ getNamedTargetValues()
cl_move_base_z::CbAbsolute Rotate
+ listener
+ absoluteGoalAngleDegree
+ yawGoalTolerance
+ maxVelTheta
+ spinningPlanner
- oldYawTolerance
- oldMaxVelTheta
- oldMinVelTheta
+ CbAbsoluteRotate()
+ CbAbsoluteRotate()
+ onEntry()
+ onExit()
- updateTemporalBehaviorParameters()
cl_move_base_z::CbNavigate Backwards
+ backwardDistance
+ backwardSpeed
+ listener
+ odomTracker_
+ CbNavigateBackwards()
+ CbNavigateBackwards()
+ onEntry()
+ onExit()
cl_move_base_z::CbNavigate Forward
+ forwardDistance
+ forwardSpeed
+ forceInitialOrientation
+ listener
+ odomTracker_
+ CbNavigateForward()
+ CbNavigateForward()
+ onEntry()
+ onExit()
cl_move_base_z::CbNavigate GlobalPosition
+ goalPosition
+ goalYaw
+ yawTolerance
+ yawToleranceX
+ yawToleranceY
+ CbNavigateGlobalPosition()
+ CbNavigateGlobalPosition()
+ setGoal()
+ onEntry()
+ execute()
+ readStartPoseFromParameter
Server()
+ onExit()
cl_move_base_z::CbNavigate NextWaypoint
+ CbNavigateNextWaypoint()
+ ~CbNavigateNextWaypoint()
+ onEntry()
+ onExit()
cl_move_base_z::CbRotate
+ listener
+ rotateDegree
+ CbRotate()
+ CbRotate()
+ onEntry()
cl_move_base_z::CbUndoPath Backwards
- listener
- onEntry()
- onExit()
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_
+ directionVector_
+ pointerRelativePose_
# relativePivotPoint_
# deltaHeight_
# pointerTrajectory_
- globalFrame_
+ CbCircularPouringMotion()
+ generateTrajectory()
+ createMarkers()
- computeCurrentEndEffector
PoseRelativeToPivot()
cl_move_group_interface ::CbExecuteLastTrajectory
+ CbExecuteLastTrajectory()
+ ~CbExecuteLastTrajectory()
+ onEntry()
cl_move_group_interface ::CbMoveCartesianRelative2
+ offset_
+ linearSpeed_m_s_
- globalFrame_
+ CbMoveCartesianRelative2()
+ CbMoveCartesianRelative2()
+ generateTrajectory()
cl_move_group_interface ::CbUndoLastTrajectory
- backIndex_
- trajectory_
- reversed
+ CbUndoLastTrajectory()
+ CbUndoLastTrajectory()
+ ~CbUndoLastTrajectory()
+ onEntry()
cl_move_group_interface ::CbMoveKnownState
+ CbMoveKnownState()
+ ~CbMoveKnownState()
- loadJointStatesFromFile()
cl_move_group_interface ::CbMoveLastTrajectoryInitialState
- backIndex_
+ CbMoveLastTrajectoryInitial State()
+ CbMoveLastTrajectoryInitial State()
+ ~CbMoveLastTrajectoryInitial State()
+ onEntry()
cl_move_group_interface ::CbEndEffectorRotate
+ CbEndEffectorRotate()
+ ~CbEndEffectorRotate()
+ onEntry()