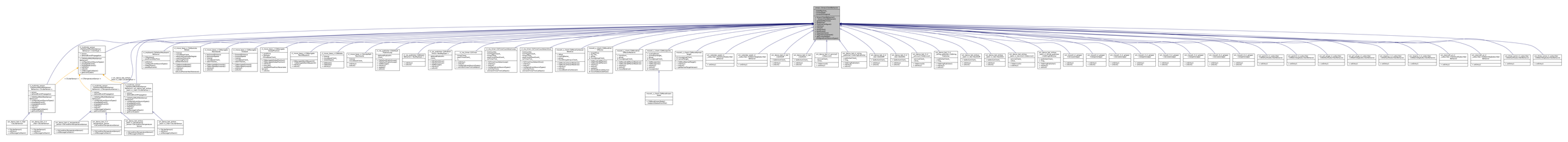

smacc::SmaccClientBehavior

- stateMachine_
- currentState
- currentOrthogonal

+ SmaccClientBehavior()
+ ~SmaccClientBehavior()
+ getStateMachine()
+ getName()
+ runtimeConfigure()
+ onEntry()
+ onExit()
+ postEvent()
+ postEvent()
+ requiresClient()
+ requiresComponent()
+ getCurrentState()
- configureEventSourceTypes()

cl_multirole_sensor
::CbDefaultMultiRoleSensor
Behavior< ClLidarSensor >

+ sensor_
+ deferedEventPropagation

+ CbDefaultMultiRoleSensor
Behavior()
+ configureEventSourceTypes()
+ propagateEvent()
+ propagateEvent2()
+ onEntry()
+ onExit()
+ onMessageCallback()
+ getEventLabel()

cl_multirole_sensor
::CbDefaultMultiRoleSensor
Behavior< ClTemperatureSensor >

+ sensor_
+ deferedEventPropagation

+ CbDefaultMultiRoleSensor
Behavior()
+ configureEventSourceTypes()
+ propagateEvent()
+ propagateEvent2()
+ onEntry()
+ onExit()
+ onMessageCallback()
+ getEventLabel()

cl_multirole_sensor
::CbDefaultMultiRoleSensor
Behavior< sm_dance_bot_strikes
_ back::cl_lidar::ClLidarSensor >

+ sensor_
+ deferedEventPropagation

+ CbDefaultMultiRoleSensor
Behavior()
+ configureEventSourceTypes()
+ propagateEvent()
+ propagateEvent2()
+ onEntry()
+ onExit()
+ onMessageCallback()
+ getEventLabel()

cl_keyboard::CbDefaultKeyboard
Behavior

+ ClKeyboard_
+ postEventKeyPress

+ onEntry()
+ configureEventSourceTypes()
+ OnKeyPress()
+ postKeyEvent()

cl_move_base_z::CbAbsolute
Rotate

+ listener
+ moveBaseClient_
+ absoluteGoalAngleDegree
+ yawGoalTolerance
+ spinningPlanner
- oldYawTolerance

+ CbAbsoluteRotate()
+ CbAbsoluteRotate()
+ onEntry()
+ onExit()
- setLocalPlannerYawTolerance()

cl_move_base_z::CbNavigate
Backwards

+ backwardDistance
+ backwardSpeed
+ listener
+ moveBaseClient_
+ odomTracker_

+ CbNavigateBackwards()
+ CbNavigateBackwards()
+ onEntry()
+ onExit()

cl_move_base_z::CbNavigate
Forward

+ forwardDistance
+ forwardSpeed
+ listener
+ moveBaseClient_
+ odomTracker_

+ CbNavigateForward()
+ CbNavigateForward()
+ onEntry()
+ onExit()

cl_move_base_z::CbNavigate
GlobalPosition

+ goalPoint
+ goalYaw
- moveBaseClient_

+ CbNavigateGlobalPosition()
+ CbNavigateGlobalPosition()
+ onEntry()
+ execute()
+ readStartPoseFromParameter
Server()
+ onExit()

cl_move_base_z::CbNavigate
NextWaypoint

+ CbNavigateNextWaypoint()
+ ~CbNavigateNextWaypoint()
+ onEntry()
+ onExit()

cl_move_base_z::CbRotate

+ listener
+ moveBaseClient_
+ rotateDegree

+ CbRotate()
+ CbRotate()
+ onEntry()

cl_move_base_z::CbUndoPath
Backwards

- listener
- moveBaseClient_

- onEntry()
- onExit()

cl_multirole_sensor
::CbDefaultMultiRoleSensor
Behavior< ClientType >

+ sensor_
+ deferedEventPropagation

+ CbDefaultMultiRoleSensor
Behavior()
+ configureEventSourceTypes()
+ propagateEvent()
+ propagateEvent2()
+ onEntry()
+ onExit()
+ onMessageCallback()
+ getEventLabel()

cl_ros_publisher::CbDefault
PublishLoop

- deferedPublishFn
- client_

+ CbDefaultPublishLoop()
+ CbDefaultPublishLoop()
+ setMessage()
+ onEntry()
+ update()
+ onExit()

cl_ros_publisher::CbMuted
Behavior< RosMsgType >

+ onEntry()
+ onExit()

cl_ros_publisher::CbPublish
Once< RosMsgType >

- deferedPublishFn
- client_

+ CbPublishOnce()
+ CbPublishOnce()
+ setMessage()
+ onEntry()
+ onExit()

cl_ros_timer::CbTimer

- timerClient_
- postTimerEvent_
- c_

+ onEntry()
+ onExit()
+ configureEventSourceTypes()
+ onClientTimerTickCallback()

cl_ros_timer::CbTimerCountdownLoop

- tickCounter_
- tickTriggerCount_
- timerClient_
- postCountDownEvent_
- onTimerTick_

+ CbTimerCountdownLoop()
+ onEntry()
+ onExit()
+ configureEventSourceTypes()
+ onTimerTick()
- onClientTimerTickCallback()

cl_ros_timer::CbTimerCountdownOnce

- tickCounter_
- tickTriggerCount_
- timerClient_
- postCountDownEvent_
- onTimerTick_

+ CbTimerCountdownOnce()
+ onEntry()
+ onExit()
+ configureEventSourceTypes()
+ onTimerTick()
- onClientTimerTickCallback()

moveit_z_client::CbMoveCartesian
Relative

+ offset_
+ scalingFactor_
+ group_
+ moveGroupSmaccClient_

+ CbMoveCartesianRelative()
+ CbMoveCartesianRelative()
+ onEntry()
+ onExit()
+ moveRelativeCartesian()

moveit_z_client::CbMoveEnd
Effector

+ targetPose
+ tip_link_
+ group_
# movegroupClient_

+ CbMoveEndEffector()
+ CbMoveEndEffector()
+ onEntry()
+ onExit()
+ update()
+ planAndExecuteAsync()
# moveToAbsolutePose()

moveit_z_client::CbMoveEnd
EffectorRelative

+ transform_
+ group_
# movegroupClient_

+ CbMoveEndEffectorRelative()
+ CbMoveEndEffectorRelative()
+ onEntry()
+ onExit()
# moveRelative()

moveit_z_client::CbMoveJoints

+ scalingFactor_
+ jointValueTarget_
+ group_
# movegroupClient_

+ CbMoveJoints()
+ CbMoveJoints()
+ onEntry()
+ onExit()
# moveJoints()

moveit_z_client::CbMoveNamed
Target

movegroupClient_
namedTarget_

+ CbMoveNamedTarget()
+ onEntry()
+ onExit()
+ getNamedTargetValues()

sm_calendar_week::cl
_subscriber::CbDefaultSubscriber
Behavior

+ onEntry()

sm_calendar_week::cl
_subscriber::CbWatchdogSubscriber
Behavior

+ onEntry()

sm_dance_bot::cl_led
::CbLEDOff

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot::cl_led
::CbLEDOn

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot::cl_service3
::CbService3

- serviceClient_
- value_

+ CbService3()
+ onEntry()

sm_dance_bot::cl_string
_ publisher::CbStringPublisher

+ publisherClient_
+ msg_

+ CbStringPublisher()
+ onEntry()
+ onExit()

sm_dance_bot_2::cl
_ led::CbLEDOff

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_2::cl
_ led::CbLEDOn

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_2::cl
_service3::CbService3

- serviceClient_
- value_

+ CbService3()
+ onEntry()

sm_dance_bot_2::cl
_string_publisher::CbString
Publisher

+ publisherClient_
+ msg_

+ CbStringPublisher()
+ onEntry()
+ onExit()

sm_dance_bot_strikes
_ back::cl_led::CbLEDOff

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_strikes
_ back::cl_led::CbLEDOn

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_strikes
_ back::cl_service3::CbService3

- serviceClient_
- value_

+ CbService3()
+ onEntry()

sm_dance_bot_strikes
_ back::cl_string_publisher
::CbStringPublisher

+ publisherClient_
+ msg_

+ CbStringPublisher()
+ onEntry()
+ onExit()

sm_moveit::cl_gripper
::CbCloseGripper

+ onEntry()
+ onExit()

sm_moveit::cl_gripper
::CbOpenGripper

+ onEntry()
+ onExit()

sm_moveit_2::cl_gripper
::CbCloseGripper

+ onEntry()
+ onExit()

sm_moveit_2::cl_gripper
::CbOpenGripper

+ onEntry()
+ onExit()

sm_moveit_3::cl_gripper
::CbCloseGripper

+ onEntry()
+ onExit()

sm_moveit_3::cl_gripper
::CbOpenGripper

+ onEntry()
+ onExit()

sm_moveit_4::cl_gripper
::CbCloseGripper

+ onEntry()
+ onExit()

sm_moveit_4::cl_gripper
::CbOpenGripper

+ onEntry()
+ onExit()

sm_packml::cl_subscriber
::CbDefaultSubscriberBehavior

+ onEntry()

sm_packml::cl_subscriber
::CbWatchdogSubscriberBehavior

+ onEntry()

sm_pr2_plugs::cl_subscriber
::CbDefaultSubscriberBehavior

+ onEntry()

sm_pr2_plugs::cl_subscriber
::CbWatchdogSubscriberBehavior

+ onEntry()

sm_respira_1::cl_subscriber
::CbDefaultSubscriberBehavior

+ onEntry()

sm_respira_1::cl_subscriber
::CbWatchdogSubscriberBehavior

+ onEntry()

sm_starcraft_ai::cl
_subscriber::CbDefaultSubscriber
Behavior

+ onEntry()

sm_starcraft_ai::cl
_subscriber::CbWatchdogSubscriber
Behavior

+ onEntry()

sm_three_some::cl_subscriber
::CbDefaultSubscriberBehavior

+ onEntry()

sm_three_some::cl_subscriber
::CbWatchdogSubscriberBehavior

+ onEntry()

sm_dance_bot::cl_lidar
::CbLidarSensor

+ CbLidarSensor()
+ onEntry()
+ onMessageCallback()

sm_dance_bot_2::cl
_ lidar::CbLidarSensor

+ CbLidarSensor()
+ onEntry()
+ onMessageCallback()

sm_dance_bot::cl_temperature
_sensor::CbConditionTemperatureSensor

+ CbConditionTemperatureSensor()
+ onMessageCallback()

sm_dance_bot_2::cl
_temperature_sensor
::CbConditionTemperatureSensor

+ CbConditionTemperatureSensor()
+ onMessageCallback()

sm_dance_bot_strikes
_ back::cl_temperature
_sensor::CbConditionTemperature
Sensor

+ CbConditionTemperatureSensor()
+ onMessageCallback()

sm_dance_bot_strikes
_ back::cl_lidar::CbLidarSensor

+ CbLidarSensor()
+ onEntry()
+ onMessageCallback()

< ClLidarSensor > < ClTemperatureSensor > < sm_dance_bot_strikes

_ back::cl_lidar::ClLidarSensor >

moveit_z_client::CbMoveKnown
State

+ CbMoveKnownState()
- loadJointStatesFromFile()