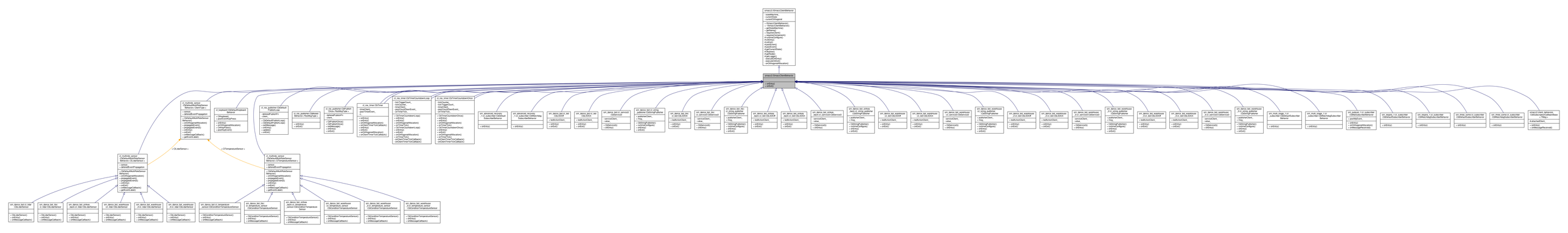

smacc2::SmaccClientBehavior

+ onEntry()
+ onExit()

cl_multirole_sensor
::CbDefaultMultiRoleSensor
Behavior< ClLidarSensor >

+ sensor_

+ deferedEventPropagation

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

cl_multirole_sensor
::CbDefaultMultiRoleSensor
Behavior< ClTemperatureSensor >

+ sensor_

+ deferedEventPropagation

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

cl_keyboard::CbDefaultKeyboard
Behavior

+ ClKeyboard_
+ postEventKeyPress

+ onEntry()
+ onOrthogonalAllocation()
+ OnKeyPress()
+ postKeyEvent()

cl_multirole_sensor
::CbDefaultMultiRoleSensor
Behavior< ClientType >

+ sensor_

+ deferedEventPropagation

+ CbDefaultMultiRoleSensor
Behavior()
+ onOrthogonalAllocation()
+ 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()
+ onEntry()
+ onOrthogonalAllocation()
+ onClientTimerTickCallback()
+ onEntry()
+ onExit()
+ onOrthogonalAllocation()
+ onClientTimerTickCallback()

cl_ros_timer::CbTimerCountdownLoop

- tickTriggerCount_
- tickCounter_
- timerClient_
- postCountDownEvent_
- onTimerTick_

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

cl_ros_timer::CbTimerCountdownOnce

- tickCounter_
- tickTriggerCount_
- timerClient_
- postCountDownEvent_
- onTimerTick_

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

sm_advanced_recovery
_1::cl_subscriber::CbDefault
SubscriberBehavior

+ onEntry()

sm_advanced_recovery
_1::cl_subscriber::CbWatchdog
SubscriberBehavior

+ 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()
+ runtimeConfigure()
+ onEntry()
+ onExit()

sm_dance_bot_lite::
cl_led::CbLEDOn

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_lite::
cl_service3::CbService3

- serviceClient_
- value_

+ CbService3()
+ onEntry()

sm_dance_bot_lite::
cl_string_publisher
::CbStringPublisher

+ publisherClient_
+ msg_

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

sm_dance_bot_warehouse
::cl_led::CbLEDOff

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_warehouse
::cl_led::CbLEDOn

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_warehouse
::cl_service3::CbService3

- serviceClient_
- value_

+ CbService3()
+ onEntry()

sm_dance_bot_warehouse
::cl_string_publisher
::CbStringPublisher

+ publisherClient_
+ msg_

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

sm_dance_bot_warehouse
_2::cl_led::CbLEDOff

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_warehouse
_2::cl_led::CbLEDOn

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_warehouse
_2::cl_service3::CbService3

- serviceClient_
- value_

+ CbService3()
+ onEntry()

sm_dance_bot_warehouse
_2::cl_string_publisher
::CbStringPublisher

+ publisherClient_
+ msg_

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

sm_dance_bot_warehouse
_3::cl_led::CbLEDOff

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_warehouse
_3::cl_led::CbLEDOn

+ ledActionClient_

+ onEntry()
+ onExit()

sm_dance_bot_warehouse
_3::cl_service3::CbService3

- serviceClient_
- value_

+ CbService3()
+ onEntry()

sm_dance_bot_warehouse
_3::cl_string_publisher
::CbStringPublisher

+ publisherClient_
+ msg_

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

sm_multi_stage_1::cl
_subscriber::CbDefaultSubscriber
Behavior

+ onEntry()

sm_multi_stage_1::cl
_subscriber::CbWatchdogSubscriber
Behavior

+ onEntry()

sm_pubsub_1::cl_subscriber
::CbMySubscriberBehavior

+ postMyEvent_

+ onEntry()
+ onOrthogonalAllocation()
+ onMessageReceived()

sm_respira_1::cl_subscriber
::CbDefaultSubscriberBehavior

+ onEntry()

sm_respira_1::cl_subscriber
::CbWatchdogSubscriberBehavior

+ onEntry()

sm_three_some::cl_subscriber
::CbDefaultSubscriberBehavior

+ onEntry()

sm_three_some::cl_subscriber
::CbWatchdogSubscriberBehavior

+ onEntry()

smacc2::client_behaviors
::CbSubscriptionCallbackBase
< TMsg >

# attachedClient_

+ onEntry()
+ onMessageReceived()

smacc2::ISmaccClientBehavior

- stateMachine_
- currentState
- currentOrthogonal

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

sm_dance_bot::cl_lidar
::CbLidarSensor

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

sm_dance_bot_lite::
cl_lidar::CbLidarSensor

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

sm_dance_bot_strikes
_back::cl_lidar::CbLidarSensor

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

sm_dance_bot_warehouse
::cl_lidar::CbLidarSensor

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

sm_dance_bot_warehouse
_2::cl_lidar::CbLidarSensor

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

sm_dance_bot_warehouse
_3::cl_lidar::CbLidarSensor

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

sm_dance_bot::cl_temperature
_sensor::CbConditionTemperatureSensor

+ CbConditionTemperatureSensor()
+ onEntry()
+ onMessageCallback()

sm_dance_bot_lite::
cl_temperature_sensor
::CbConditionTemperatureSensor

+ CbConditionTemperatureSensor()
+ onEntry()
+ onMessageCallback()

sm_dance_bot_strikes
_back::cl_temperature
_sensor::CbConditionTemperature
Sensor

+ CbConditionTemperatureSensor()
+ onEntry()
+ onMessageCallback()

sm_dance_bot_warehouse
::cl_temperature_sensor
::CbConditionTemperatureSensor

+ CbConditionTemperatureSensor()
+ onEntry()
+ onMessageCallback()

sm_dance_bot_warehouse
_2::cl_temperature_sensor
::CbConditionTemperatureSensor

+ CbConditionTemperatureSensor()
+ onEntry()
+ onMessageCallback()

sm_dance_bot_warehouse
_3::cl_temperature_sensor
::CbConditionTemperatureSensor

+ CbConditionTemperatureSensor()
+ onEntry()
+ onMessageCallback()

< ClLidarSensor > < ClTemperatureSensor >