```
                    ┌─────────────────────────────────┐
                    │      smacc2::ISmaccClient       │
                    ├─────────────────────────────────┤
                    │ # components_                   │
                    │ - stateMachine_                 │
                    │ - orthogonal_                   │
                    ├─────────────────────────────────┤
                    │ + ISmaccClient()                │
                    │ + ~ISmaccClient()               │
                    │ + onInitialize()                │
                    │ + getName()                     │
                    │ + getComponent()                │
                    │ + getComponent()                │
                    │ + getType()                     │
                    │ + getStateMachine()             │
                    │ + connectSignal()               │
                    │ + requiresClient()              │
                    │ + getComponents()               │
                    │ + postEvent()                   │
                    │ + postEvent()                   │
                    │ # onOrthogonalAllocation()      │
                    │ # createComponent()             │
                    │ # createNamedComponent()        │
                    │ # getNode()                     │
                    │ # getLogger()                   │
                    │ - initialize()                  │
                    │ - setStateMachine()             │
                    │ - setOrthogonal()               │
                    └─────────────────────────────────┘
```

smacc2::client_bases ::SmaccSubscriberClient < MessageType >

+ topicName
+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
- sub_
- firstMessage_
- initialized_

+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
+ onMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
# onInitialize()
- messageCallback()

smacc2::client_bases ::SmaccSubscriberClient < MessageType >

+ topicName
+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
- sub_
- firstMessage_
- initialized_

+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
+ onMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
# onInitialize()
- messageCallback()

< sensor_msgs::msg ::LaserScan >

smacc2::client_bases ::SmaccSubscriberClient < sensor_msgs::msg::LaserScan >

+ topicName
+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
- sub_
- firstMessage_
- initialized_

+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
+ onMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
# onInitialize()
- messageCallback()

cl_multirole_sensor ::ClMultiroleSensor < MessageType >

+ onMessageTimeout_
+ postTimeoutMessageEvent
+ timeout_
- timeoutTimer_
- initialized_

+ ClMultiroleSensor()
+ onMessageTimeout()
+ onOrthogonalAllocation()
+ onInitialize()
# resetTimer()
- timeoutCallback()

< sensor_msgs::msg ::LaserScan >

cl_multirole_sensor ::ClMultiroleSensor < sensor_msgs::msg::LaserScan >

+ onMessageTimeout_
+ postTimeoutMessageEvent
+ timeout_
- timeoutTimer_
- initialized_

+ ClMultiroleSensor()
+ onMessageTimeout()
+ onOrthogonalAllocation()
+ onInitialize()
# resetTimer()
- timeoutCallback()

sm_dance_bot::cl_lidar ::ClLidarSensor

+ ClLidarSensor()