```
smacc::ISmaccClient
# components
stateMachine_

    orthogonal

+ ISmaccClient()
+ ~ISmaccClient()
+ initialize()
+ getName()
+ postEvent()
+ postEvent()
+ getComponent()
+ getComponent()
+ getType()
+ getStateMachine()
+ connectSignal()
+ requiresClient()
+ getComponents()
# onOrthogonalAllocation()
# createComponent()
# createNamedComponent()
# setStateMachine()
# setOrthogonal()
                      Q
                   smacc::client_bases
                   ::SmaccSubscriberClient
                        < MessageType >
                   + topicName
                   + queueSize
                   + onFirstMessageReceived
                   + onMessageReceived_
                   + postMessageEvent
                   + postInitialMessageEvent
                   #nh
                   - sub
                   - firstMessage_

    initialized

                   + SmaccSubscriberClient()
                   + SmaccSubscriberClient()
                   + ~SmaccSubscriberClient()
                   + onMessageReceived()
                   + onFirstMessageReceived()
                   + onOrthogonalAllocation()
                   + initialize()
                   messageCallback()
                        < std_msgs::Int32 >
smacc::client_bases
::SmaccSubscriberClient
     < std_msgs::Int32 >
+ topicName
+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
#nh
- sub
firstMessage_
- initialized_
+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
```

sm\_ridgeback\_barrel \_search\_2::cl\_opencv \_perception::ClOpenCVPerception

+ onMessageReceived()+ onFirstMessageReceived()+ onOrthogonalAllocation()

- messageCallback()

+ initialize()

- + ClOpenCVPerception()
- + ~ClOpenCVPerception()
- + onOrthogonalAllocation()