```
smacc2::ISmaccClient
# components
- \mathsf{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()
                         < std_msgs::msg::UInt16 >
smacc2::client_bases
::SmaccSubscriberClient
 < std_msgs::msg::UInt16 >
+ topicName
+ queueSize
+ onFirstMessageReceived_

    onMessageReceived

+ postMessageEvent
+ postInitialMessageEvent
- sub
firstMessage_
- initialized
+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
+ onMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
# onInitialize()
- messageCallback()
```

sm_advanced_recovery

1::cl_subscriber::ClSubscriber