```
smacc::ISmaccClient
   # components

    stateMachine

    orthogonal

   + ISmaccClient()
   +
      ~ISmaccClient()
   + initialize()
   + getName()
   + postEvent()
   + postEvent()
   + getComponent()
   + getComponent()
   + configureEventSourceTypes()
   + getType()
   + getStateMachine()
   + connectSignal()
   + requiresClient()
   + getComponents()
   # createComponent()
   # createNamedComponent()
   # setStateMachine()
   # setOrthogonal()
                         D
                   smacc::client_bases
                   ::SmaccSubscriberClient
                         < MessageType >
                   + topicName
                   + queueSize
                   + onFirstMessageReceived_
                   + onMessageReceived_
                   + postMessageEvent
                   + postInitialMessageEvent
                   # nh
                   - sub
                   - firstMessage_
                   initialized_
                   + SmaccSubscriberClient()
                   + SmaccSubscriberClient()
                   + ~SmaccSubscriberClient()
                   + onMessageReceived()
                   + onFirstMessageReceived()
                   + configureEventSourceTypes()
                   + initialize()
                   - messageCallback()
                         < std_msgs::UInt16 >
smacc::client_bases
::SmaccSubscriberClient
    < std_msgs::UInt16 >
+ topicName
+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
# nh
- sub

    firstMessage_

- initialized
+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
```

## cl\_keyboard::ClKeyboard

- + OnKeyPress\_
- + postEventKeyPress

+ onMessageReceived()+ onFirstMessageReceived()+ configureEventSourceTypes()

messageCallback()

- initialized\_

+ initialize()

- + OnKeyPress()
- + ClKeyboard() + ~ClKeyboard()
- + initialize()
- + configureEventSourceTypes()
- + onKeyboardMessage()
- + postKeyEvent()