```
smacc::ISmaccComponent
               # stateMachine
               # owner
               + ISmaccComponent()
               + ~ISmaccComponent()
               + getName()
               # initialize()
               # setStateMachine()
               # postEvent()
               # postEvent()
               # onOrthogonalAllocation()
               # requiresComponent()
               # requiresClient()
               # on Initialize()
               # createSiblingComponent()
               # createSiblingNamedComponent()
                  smacc::components::
                  CpTopicSubscriber< Message
                             Type >
                 + topicName
                  + queueSize
                  + onFirstMessageReceived_
                  + onMessageReceived_
                  + postMessageEvent
                  + postInitialMessageEvent
                  # nh
                  - sub
                  - firstMessage_
                  - initialized
                  + CpTopicSubscriber()
                  + CpTopicSubscriber()
                  + ~CpTopicSubscriber()
                  + onMessageReceived()
                  + onFirstMessageReceived()
                  + onOrthogonalAllocation()
                  + initialize()
                  messageCallback()
                                               < microstrain mips
                        < sensor msgs::Imu >
                                                 ::status_msg >
smacc::components::
                                   smacc::components::
CpTopicSubscriber< sensor
                                   CpTopicSubscriber< microstrain
       _msgs::lmu >
                                         _mips::status_msg>
+ topicName
                                   + topicName
                                   + queueSize
+ onFirstMessageReceived_
                                   + onFirstMessageReceived_
+ onMessageReceived
                                   + onMessageReceived
+ postMessageEvent
                                   + postMessageEvent
+ postInitialMessageEvent
                                   + postInitialMessageEvent
                                   # nh
                                   - sub

    firstMessage

    firstMessage

    initialized

+ CpTopicSubscriber()
                                   + CpTopicSubscriber()
+ CpTopicSubscriber()
                                   + CpTopicSubscriber()
+ ~CpTopicSubscriber()
                                   + ~CpTopicSubscriber()
+ onMessageReceived()
                                   + onMessageReceived()
                                   + onFirstMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
                                   + onOrthogonalAllocation()
                                   + initialize()
messageCallback()
                                   messageCallback()
```

+ queueSize

nh

- sub

initialized

+ initialize()