```
{smacc2::ISmaccComponent
# stateMachine
# owner
|+ ISmaccComponent()
+ ~ISmaccComponent()
+ getName()
# onInitialize()
# postEvent()
# postEvent()
# onOrthogonalAllocation()
# requiresComponent()
# requiresComponent()
# requiresClient()
# createSiblingComponent()
# createSiblingNamedComponent()
# getNode()
# getLogger()
# getStateMachine()
- initialize()
setStateMachine()
   {smacc2::components
   ::CpTopicSubscriber
        < MessageType >
   + queueSize
   + onFirstMessageReceived
   + onMessageReceived
   + postMessageEvent

    postInitialMessageEvent

   - sub

    firstMessage

    initialized

    topicName

   |+ CpTopicSubscriber()
   + CpTopicSubscriber()
   + ~CpTopicSubscriber()
   + onMessageReceived()
   + onFirstMessageReceived()
   + onOrthogonalAllocation()
   + onInitialize()
   messageCallback()
```