

```

    {smacc2::ISmaccComponent
    |# stateMachine_
    # owner_
    |+ ISmaccComponent()
    + ~ISmaccComponent()
    + getName()
    # onInitialize()
    # postEvent()
    # postEvent()
    # onOrthogonalAllocation()
    # requiresComponent()
    # requiresClient()
    # createSiblingComponent()
    # createSiblingNamedComponent()
    # getNode()
    # getLogger()
    # getStateMachine()
    - initialize()
    - setStateMachine()
    }

```

```

{smacc2::components
::CpTopicPublisher<
    MessageType >
|+ queueSize
+ durability
+ reliability
- pub_
- initialized_
- topicName_
|+ CpTopicPublisher()
+ ~CpTopicPublisher()
+ publish()
+ onInitialize()
}

```

```

{smacc2::components
::CpTopicSubscriber
    < MessageType >
|+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
- sub_
- firstMessage_
- initialized_
- topicName_
|+ CpTopicSubscriber()
+ CpTopicSubscriber()
+ ~CpTopicSubscriber()
+ onMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
+ onInitialize()
- messageCallback()
}

```

