```
smacc2::ISmaccClientBehavior
       stateMachine
       currentState
      currentOrthogonal
    + ISmaccClientBehavior()
      ~ISmaccClientBehavior()
    + getStateMachine()
     getName()
    requiresClient()
      requiresComponent()
    + onEntry()
      onExit()
    + executeOnEntry()
      executeOnExit()
    # runtimeConfigure()
    # postEvent()
    # postEvent()
    #
      getCurrentState()
    # dispose()
    # getNode()
    # getLogger()
       onOrthogonalAllocation()
    smacc2::SmaccAsyncClient
              Behavior

    onEntryThread_

    onExitThread

    postFinishEventFn_

    postSuccessEventFn

    postFailureEventFn_

    onFinished

  - onSuccess
   - onFailure
  - isShutdownRequested
  + onOrthogonalAllocation()
  + ~SmaccAsyncClientBehavior()
  + onSuccess()
  + onFinished()
  + onFailure()
  requestForceFinish()
  + executeOnEntry()
  + executeOnExit()
  + waitOnEntryThread()
  + onSuccess()
  + onFinished()
  + onFailure()
  # postSuccessEvent()
  # postFailureEvent()
  # dispose()
  # isShutdownRequested()

    waitFutureIfNotFinished()

smacc2::client_behaviors
::CbWaitTopic\overline{\mathsf{M}}\mathsf{essage} < \mathsf{TMessage} >
  #
       success
  #
       sub_
  #
       guardFn_
  #
       topicname_
       CbWaitTopicMessage()
  +
       ~CbWaitTopicMessage()
```

+

+

onEntry()

onMessageReceived()