```
{smacc2::ISmaccClientBehavior
|- stateMachine_
- currentState
- currentOrthogonal
|+ ISmaccClientBehavior()
+ ~ISmaccClientBehavior()
+ getStateMachine()
+ getName()
+ requiresClient()
+ requiresComponent()
# runtimeConfigure()
# onEntry()
# onExit()
# postEvent()
# postEvent()
# getCurrentState()
# dispose()
# getNode()
# getLogger()
- executeOnEntry()
- executeOnExit()
- onOrthogonalAllocation()
}
```

```
{smacc2::SmaccAsyncClient
                Behavior
|- onEntryThread_
- onExitThread_
- postFinishEventFn_
- postSuccessEventFn_
- postFailureEventFn_
- onFinished_
- onSuccess_
- onFailure_
- isShutdownRequested_
|+ onOrthogonalAllocation()
+ ~SmaccAsyncClientBehavior()
+ onSuccess()
+ onFinished()
+ onFailure()
# postSuccessEvent()
# postFailureEvent()
# dispose()
# isShutdownRequested()
- waitFutureIfNotFinished()
- executeOnEntry()
- executeOnExit()
}
```

```
{smacc2::client_behaviors
        ::CbRosLaunch
|+ packageName_
+ launchFileName_
# result_
# client_
|+ CbRosLaunch()
+ ~CbRosLaunch()
+ onOrthogonalAllocation()
+ onEntry()
}
```

```
{smacc2::client_behaviors
::CbServiceCall< ServiceType >
|+ result_
# client_
# serviceName_
# request_
|+ CbServiceCall()
+ CbServiceCall()
+ onEntry()
# onServiceResponse()
}
```

```
{smacc2::client_behaviors
        ::CbWaitActionServer
|- client_
- timeout_
|+ CbWaitActionServer()
+ ~CbWaitActionServer()
+ onOrthogonalAllocation()
+ onEntry()
}
```

```
{smacc2::client_behaviors
        ::CbWaitNode
|# nodeName_
# rate_
|+ CbWaitNode()
+ onEntry()
}
```

```
{smacc2::client_behaviors
::CbWaitTopicMessage< TMessage >
|# success
# sub_
# guardFn_
# topicname_
|+ CbWaitTopicMessage()
+ ~CbWaitTopicMessage()
+ onEntry()
+ onMessageReceived()
}
```