

```

    {smacc::ISmaccClient
    |# components_
    - stateMachine_
    - orthogonal_
    |+ ISmaccClient()
    + ~ISmaccClient()
    + initialize()
    + getName()
    + postEvent()
    + postEvent()
    + getComponent()
    + getComponent()
    + getType()
    + getStateMachine()
    + connectSignal()
    + requiresClient()
    + getComponents()
    # onOrthogonalAllocation()
    # createComponent()
    # createNamedComponent()
    # setStateMachine()
    # setOrthogonal()
    }

```

```

{smacc::client_bases
::SmaccSubscriberClient
  < MessageType >
|+ topicName
+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
# nh_
- sub_
- firstMessage_
- initialized_
|+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
+ onMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
+ initialize()
- messageCallback()
}

```

< sensor\_msgs::BatteryState >

```

{smacc::client_bases
::SmaccSubscriberClient
< sensor_msgs::BatteryState >
|+ topicName
+ queueSize
+ onFirstMessageReceived_
+ onMessageReceived_
+ postMessageEvent
+ postInitialMessageEvent
# nh_
- sub_
- firstMessage_
- initialized_
|+ SmaccSubscriberClient()
+ SmaccSubscriberClient()
+ ~SmaccSubscriberClient()
+ onMessageReceived()
+ onFirstMessageReceived()
+ onOrthogonalAllocation()
+ initialize()
- messageCallback()
}

```

```

{cl_battery_monitor
::ClBatteryMonitor
||+ ClBatteryMonitor()
+ ClBatteryMonitor()
+ ~ClBatteryMonitor()
+ onOrthogonalAllocation()
}

```