## # components stateMachine\_ - orthogonal\_ + ISmaccClient() + ~ISmaccClient() + onInitialize() + getName() + getComponent() + getComponent() + getType() + getStateMachine() + connectSignal() + requiresClient() + getComponents() + postEvent() + postEvent() # onOrthogonalAllocation() # createComponent() # createNamedComponent() # getNode() # getLogger() - initialize() setStateMachine() setOrthogonal() smacc2::client\_bases smacc2::client\_bases ::SmaccSubscriberClient ::SmaccSubscriberClient < MessageType > < MessageType > + topicName + topicName + queueSize + queueSize + onFirstMessageReceived + onFirstMessageReceived\_ + onMessageReceived + onMessageReceived\_ + postMessageEvent + postMessageEvent + postInitialMessageEvent + postInitialMessageEvent - sub - sub firstMessage firstMessage initialized initialized + SmaccSubscriberClient() + SmaccSubscriberClient() + SmaccSubscriberClient() + SmaccSubscriberClient() + ~SmaccSubscriberClient() + ~SmaccSubscriberClient() + onMessageReceived() + onMessageReceived() + onFirstMessageReceived() + onFirstMessageReceived() + onOrthogonalĂllocation() + onOrthogonalAllocation() # onInitialize() # onInitialize() · messageCallback() messageCallback() < sensor\_msgs::msg ::Temperature > smacc2::client bases ::SmaccSubscriberClient < sensor\_msgs::msg::Temperature > cl\_multirole\_sensor + topicName ::CIMultiroleSensor + queueSize < MessageType > + onFirstMessageReceived\_ + onMessageReceived\_ + onMessageTimeout + postMessageEvent + postTimeoutMessageEvent + timeout + postInitialMessageEvent - timeout Timer\_ - sub - firstMessage\_ initialized initialized + CIMultiroleSensor() + SmaccSubscriberClient() + onMessageTimeout() + onOrthogonalAllocation() + SmaccSubscriberClient() + ~SmaccSubscriberClient() + onInitialize() + onMessageReceived() # resetTimer() + onFirstMessageReceived() timeoutCallback() + onOrthogonalAllocation() # onInitialize() messageCallback() < sensor\_msgs::msg ::Temperature > cl multirole sensor ::CIMultiroleSensor < sensor\_msgs::msg::Temperature > + onMessageTimeout + postTimeoutMessageEvent + timeout - timeoutTimer\_ initialized + CIMultiroleSensor() + onMessageTimeout() + onOrthogonalAllocation() + onInitialize() # resetTimer() timeoutCallback() sm\_dance\_bot::cl\_temperature sensor::CITemperatureSensor

+ CITemperatureSensor()

smacc2::ISmaccClient