## stateMachine\_ - orthogonal\_ + ISmaccClient() + ~ISmaccClient() + onInitialize() + getName() + getComponent() + getComponent() + getComponent() + getType() + getStateMachine() + connectSignal() + requiresClient() + getComponents() + iterateComponents() + 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() + onOrthogonalAllocation() + 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 + postInitialMessageEvent + timeout - timeoutTimer\_ - firstMessage\_ initialized\_ initialized + ClMultiroleSensor() + SmaccSubscriberClient() + onMessageTimeout() + SmaccSubscriberClient() + onOrthogonalAllocation() + ~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() Д sm\_dance\_bot\_warehouse ::cl\_temperature\_sensor ::CITemperatureSensor

+ CITemperatureSensor()

smacc2::ISmaccClient

# components