components_ stateMachine_ - orthogonal_ + ISmaccClient() + ~ISmaccClient() + onInitialize() + getName() + getComponent() + 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() + 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_ - sub - firstMessage_ initialized initialized_ + CIMultiroleSensor() + onMessageTimeout() + SmaccSubscriberClient() + 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() sm_dance_bot::cl_temperature _sensor::CITemperatureSensor

+ CITemperatureSensor()

smacc2::ISmaccClient