## # components stateMachine\_ - orthogonal\_ + ISmaccClient() + ~ISmaccClient() + initialize() + getName() + postEvent() + postEvent() + getComponent() + getComponent() + getType() + getStateMachine() + connectSignal() + requiresClient() + getComponents() # onOrthogonalAllocation() # createComponent() # createNamedComponent() # setStateMachine() # setOrthogonal() Д smacc::client bases smacc::client bases ::SmaccSubscriberClient ::SmaccSubscriberClient < MessageType > < MessageType > + topicName + topicName + queueSize + queueSize + onFirstMessageReceived\_ + onFirstMessageReceived\_ + onMessageReceived\_ + onMessageReceived\_ + postMessageEvent + postMessageEvent + postInitialMessageEvent + postInitialMessageEvent # nh # nh - sub - sub - firstMessage\_ - firstMessage\_ - initialized\_ - initialized\_ + SmaccSubscriberClient() + SmaccSubscriberClient() + SmaccSubscriberClient() + SmaccSubscriberClient() + ~SmaccSubscriberClient() + ~SmaccSubscriberClient() + onMessageReceived() + onMessageReceived() + onFirstMessageReceived() + onFirstMessageReceived() + onOrthogonalAllocation() + onOrthogonalAllocation() + initialize() + initialize() messageCallback() - messageCallback() < sensor\_msgs::LaserScan > smacc::client\_bases ::SmaccSubscriberClient < sensor\_msgs::LaserScan > cl\_multirole\_sensor + topicName ::CIMultiroleSensor + queueSize < MessageType > + onFirstMessageReceived\_ + onMessageReceived\_ + onMessageTimeout + postMessageEvent + postTimeoutMessageEvent + postInitialMessageEvent + timeout # nh - timeoutTimer - sub initialized - firstMessage\_ initialized + CIMultiroleSensor() + onMessageTimeout() + SmaccSubscriberClient() + onOrthogonalAllocation() + SmaccSubscriberClient() + initialize() + ~SmaccSubscriberClient() # resetTimer() + onMessageReceived() timeoutCallback() + onFirstMessageReceived() + onOrthogonalAllocation() + initialize() - messageCallback() < sensor msgs::LaserScan > cl multirole sensor ::CIMultiroleSensor < sensor\_msgs::LaserScan > + onMessageTimeout\_ + postTimeoutMessageEvent + timeout - timeoutTimer\_ initialized + ClMultiroleSensor() + onMessageTimeout() + onOrthogonalAllocation() + initialize() # resetTimer() - timeoutCallback() sm\_dance\_bot\_strikes \_back::cl\_lidar::ClLidarSensor

+ CILidarSensor()

smacc::ISmaccClient