## smacc::ISmaccComponent # stateMachine # owner + ISmaccComponent() + ~ISmaccComponent() + getName() # initialize() # setStateMachine() # postEvent() # postEvent() # onOrthogonalAllocation() # requiresComponent() # requiresClient() # onInitialize() # createSiblingComponent() # createSiblingNamedComponent() smacc::components:: CpTopicSubscriber < Message Type > + topicName + queueSize + onFirstMessageReceived\_ + onMessageReceived\_ + postMessageEvent + postInitialMessageEvent # nh - sub - firstMessage\_ - initialized + CpTopicSubscriber() + CpTopicSubscriber() + ~CpTopicSubscriber() + onMessageReceived() + onFirstMessageReceived() + onOrthogonalAllocation() + initialize() - messageCallback() < microstrain mips < sensor msgs::Imu > ::status msg > smacc::components:: smacc::components:: CpTopicSubscriber < sensor CpTopicSubscriber < microstrain \_mips::status\_msg > msgs::lmu > + topicName + topicName + queueSize + queueSize + onFirstMessageReceived + onFirstMessageReceived + onMessageReceived + onMessageReceived + postMessageEvent + postMessageEvent + postInitialMessageEvent + postInitialMessageEvent # nh\_ - sub firstMessage firstMessage initialized initialized + CpTopicSubscriber() + CpTopicSubscriber() + CpTopicSubscriber() + CpTopicSubscriber() + ~CpTopicSubscriber() + ~CpTopicSubscriber() + onMessageReceived() + onMessageReceived() + onFirstMessageReceived() + onFirstMessageReceived() + onOrthogonalAllocation() + onOrthogonalAllocation() + initialize() + initialize() messageCallback() messageCallback()

# nh - sub