smacc2::ISmaccClientBehavior stateMachine - currentState - currentOrthogonal + ISmaccClientBehavior() + ~ISmaccClientBehavior() + getStateMachine() + getName() + requiresClient() + requiresComponent() # runtimeConfigure() # onEntry() # onExit() # postEvent() # postEvent() # getCurrentState() # dispose() # getNode() # getLogger() - executeOnEntry() executeOnExit() - onOrthogonalAllocation() smacc2::SmaccAsyncClient Behavior - onEntryThread - onExitThread - postFinishEventFn - postSuccessEventFn - postFailureEventFn - onFinished_ - onSuccess - onFailure - isShutdownRequested + onOrthogonalAllocation() + ~SmaccAsyncClientBehavior() + onSuccess() + onFinished() + onFailure() # postSuccessEvent() # postFailureEvent() # dispose() #isShutdownRequested() - waitFutureIfNotFinished() - executeOnEntry() executeOnExit() smacc2::client behaviors smacc2::client behaviors smacc2::client behaviors smacc2::client behaviors ::CbRosLaunch ::CbServiceCall< ServiceType > ::CbWaitTopicMessage < TMessage > smacc2::client behaviors ::CbWaitActionServer + packageName + result # success ::CbWaitNode + launchFileName # client - client #sub # guardFn # result # serviceName # nodeName_ - timeout #request_ # client # topicname # rate + CbWaitActionServer() + CbRosLaunch() + CbServiceCall() + ~CbWaitActionServer() + CbWaitNode() + CbWaitTopicMessage() + ~CbRosLaunch() + CbServiceCall() + onOrthogonalAllocation() + ~CbWaitTopicMessage() + onEntry() + onOrthogonalAllocation() + onEntry() + onEntry() + onEntry() # onServiceResponse() + onEntry() + onMessageReceived()