smacc2::ISmaccClientBehavior stateMachine_ currentState currentOrthogonal + ISmaccClientBehavior() + ~ISmaccClientBehavior() + getStateMachine() + getName() + requiresClient() + requiresComponent() + onEntry() + onExit() + executeOnEntry() + executeOnExit() # runtimeConfigure() # postEvent() # postEvent() # getCurrentState() # dispose() # getNode() # getLogger() onOrthogonalAllocation() smacc2::SmaccAsyncClient Behavior - onEntryThread_ onExitThread_ - postFinishEventFn_ - postSuccessEventFn_ postFailureEventFn onFinished_ onSuccess_ onFailure_ - isShutdownRequested_ + onOrthogonalAllocation() + ~SmaccAsyncClientBehavior() + onSuccess() + onFinished() + onFailure() + requestForceFinish() + executeOnEntry() + executeOnExit() + waitOnEntryThread() + onSuccess() + onFinished() + onFailure() # postSuccessEvent() # postFailureEvent() # dispose() # isShutdownRequested() waitFutureIfNotFinished() smacc2::client_behaviors ::CbServiceCall< ServiceType > resultFuture_ result_ pollRate_ # client_ serviceName_ # # request_ CbServiceCall() CbServiceCall() + onEntry() onServiceResponse() < slam_toolbox::srv ::Pause > smacc2::client_behaviors ::CbServiceCall< slam_toolbox ::srv::Pause > resultFuture_ cl_nav2z::CbSaveSlamMap result_ < nav2_msgs::srv::SaveMap > pollRate_ # client_ CbSaveSlamMap() serviceName_ # onExit() # request_ getRequest() CbServiceCall() CbServiceCall() onEntry() onServiceResponse() # cl_nav2z::CbPauseSlam cl_nav2z::CbResumeSlam # slam_ slam_

CbPauseSlam()

onEntry()

+

CbResumeSlam()

onEntry()

+