smacc::ISmaccClientBehavior stateMachine - currentState currentOrthogonal + ISmaccClientBehavior() + ~ISmaccClientBehavior() + getStateMachine() + getName() + requiresClient() + requiresComponent() + getNode() # runtimeConfigure() # onEntry() # onExit() # postEvent() # postEvent() # getCurrentState() # executeOnEntry() # executeOnExit() # dispose() - onOrthogonalAllocation() Δ smacc::SmaccAsyncClientBehavior onEntryThread_ onExitThread postFinishEventFn_ postSuccessEventFn smacc::ISmaccUpdatable postFailureEventFn onFinished periodDuration_ - onSuccess - lastUpdate - onFailure + ISmaccUpdatable() + onOrthogonalAllocation() + ISmaccUpdatable() + ~SmaccAsyncClientBehavior() + executeUpdate() + onSuccess() + setUpdatePeriod() + onFinished() # update() + onFailure() # executeOnEntry() # executeOnExit() # postSuccessEvent() # postFailureEvent() # dispose() cl_move_group_interface ::CbMoveEndEffectorTrajectory + group + tipLink + allowInitialTrajectoryState JointDiscontinuity # endEffectorTrajectory_ # movegroupClient # beahiorMarkers markersPub markersInitialized iksrv - m_mutex - postJointDiscontinuityEvent - postIncorrectInitialState **Event** - postMotionExecutionFailure Events - autocleanmarkers + CbMoveEndEffectorTrajectory() + CbMoveEndEffectorTrajectory() + onOrthogonalAllocation() + onEntry() + onExit() + update() # computeJointSpaceTrajectory() # executeJointSpaceTrajectory() # generateTrajectory() # createMarkers() # getCurrentEndEffectorPose() - initializeROS() cl_move_group_interface ::CbExecuteLastTrajectory + CbExecuteLastTrajectory() + ~CbExecuteLastTrajectory()

+ onEntry()