smacc::ISmaccClientBehavior stateMachine currentState - currentOrthogonal + ISmaccClientBehavior() + ~ISmaccClientBehavior() + getStateMachine() + getName() + requiresClient() + requiresComponent() # runtimeConfigure() # onEntry() # onExit() # postEvent() # postEvent() # getCurrentState() # executeOnEntry() # executeOnExit() # dispose() onOrthogonalAllocation() Δ smacc::SmaccAsyncClientBehavior - onEntryThread smacc::ISmaccUpdatable onExitThread postFinishEventFn periodDuration_ - postSuccessEventFn_ lastUpdate postFailureEventFn_ + ISmaccUpdatable() + onOrthogonalAllocation() + ISmaccUpdatable() + ~SmaccAsyncClientBehavior() + executeÚpdate() # executeOnEntry() + setUpdatePeriod() # executeOnExit() # update() # postSuccessEvent() # postFailureEvent() # dispose() _move_group_interface ::CbMoveEndEffectorTrajectory + group + tipLink # endEffectorTrajectory_ # movegroupClient_ # beahiorMarkers - markersPub markersInitialized_ - iksrv - m mutex + CbMoveEndEffectorTrajectory() + CbMoveEndEffectorTrajectory() + onEntry() + onExit() + update() # generateTrajectory() # createMarkers() initializeROS() cl_move_group_interface ::CbCircularPivotMotion + angularSpeed_rad_s_ + linearSpeed_m_s + relativeInitialPose - planePivotPose_ deltaRadians - markersPub CbCircularPivotMotion() + CbCircularPivotMotion() + CbCircularPivotMotion() + generateTrajectory() + createMarkers()