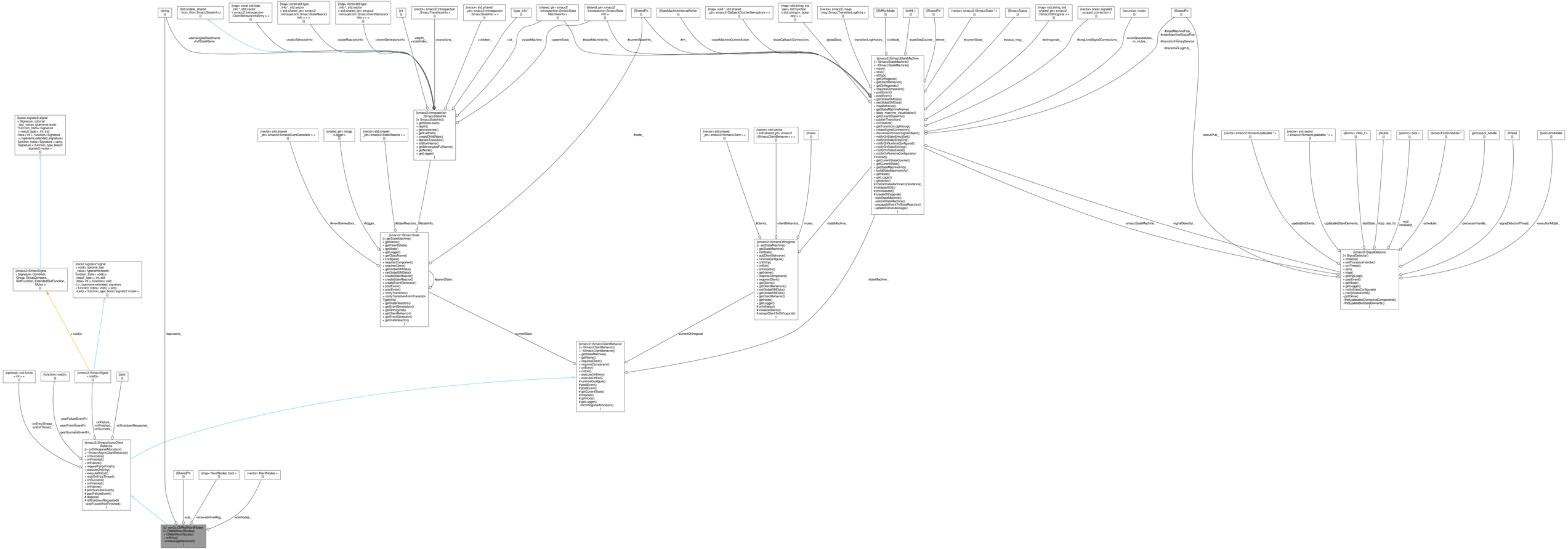
[std::string ]
[std::enable_shared_from_this< SmaccStateInfo >]
[map< const std::type_info *, std::vector< smacc2::introspection::ClientBehaviorInfoEntry > ]
[map< const std::type_info *, std::vector< smacc2::introspection::SmaccStateReactorInfo > ]
[map< const std::type_info *, std::vector< std::shared_ptr< smacc2::introspection::SmaccEventGeneratorInfo > ]
[int]
[vector< smacc2::introspection::SmaccTransitionInfo ]
[vector< std::shared_ptr< smacc2::introspection::SmaccStateInfo > ]
[type_info *]
[shared_ptr< smacc2::introspection::SmaccStateMachineInfo ]
[shared_ptr< smacc2::introspection::SmaccStateInfo ]
[SharedPtr]
[StateMachineInternalAction]
[map< void *, std::shared_ptr< smacc2::CallbackCounterSemaphore ]
[map< std::string, std::pair< std::function< std::string()>, boost::any ]
[vector< smacc2::msgs::msg::SmaccTransitionLogEntry ]
[SMRunMode]
[int64_t]
[SharedPtr]
[vector< smacc2::ISmaccState * ]
[ISmaccStatus]
[map< std::string, std::shared_ptr< smacc2::ISmaccOrthogonal ]
[vector< boost::signals2::scoped_connection ]
[recursive_mutex]
[SharedPtr]
+demangleStateName
+fullStateName
+staticBehaviorInfo
+staticReactorsInfo
+eventGeneratorsInfo
+depth
+stateIndex_
+transitions_
+children_
+id_
+stateMachine_
+parentState_
#stateMachineInfo_
#currentStateInfo_
#n_
-stateMachineCurrentAction
-stateCallbackConnections
-globalData_
-transitionLogHistory_
-runMode_
-stateSeqCounter_
#mer_
#currentState_
#status_msg_
#orthogonals_
#longLivedSignalConnections_
-eventQueueMutex_
-m_mutex_
#stateMachinePub_
#staticMachineStatusPub
#transitionHistoryService
#transitionLogPub_
[boost::signals2::signal< Signature, optional _last_value= typename boost::function_traits< Signature >::result_type, int[0], int= int >, function< Signature >, typename extended_signature< function_traits< Signature >::arity, Signature >::function_type, boost::signals2::mutex >]
[smacc2::introspection::SmaccStateInfo
|+ SmaccStateInfo()
+ getLevel()
+ depth()
+ getAncestors()
+ getFullPath()
+ createChildState()
+ getStateMachine()
+ toShortName()
+ getDemangledFullName()
+ getNode()
+ getLogger()]
[vector< std::shared_ptr< smacc2::SmaccEventGenerator > >]
[shared_ptr< rclcpp::Logger ]
[vector< std::shared_ptr< smacc2::StateReactor > ]
#node_
[vector< std::shared_ptr< smacc2::ISmaccClient > ]
[vector< std::vector< std::shared_ptr< smacc2::ISmaccClientBehavior > > ]
[mutex]
[smacc2::ISmaccStateMachine
|+ ISmaccStateMachine()
+ ~ISmaccStateMachine()
+ reset()
+ stop()
+ eStop()
+ getClientBehavior()
+ getOrthogonal()
+ requireComponent()
+ postEvent()
+ getGlobalSM()
+ setGlobalSMData()
+ getGlobalSMData()
+ setStateMachineName()
+ state_machine_visualization()
+ getCurrentStateInfo()
+ publishTransition()
+ getNode()
+ getTransitionLogHistory()
+ createSignalConnections()
- disconnectSmaccSignalObject()
+ notifyOnStateEntryStart()
+ notifyOnStateEntryEnd()
+ notifyOnRuntimeConfigured()
+ notifyOnStateExiting()
+ notifyOnStateExited()
+ notifyOnRuntimeConfiguration
+ getLogger()
+ getCurrentStateCounter()
+ getCurrentState()
+ getStateMachineInfo()
+ buildStateMachineInfo()
+ getNode()
+ getLogger()
+ getMutex()
#CheckStateMachineConsistence()
#initializeROS()
#initialize()
#createOrthogonal()
-lockStateMachine()
-unlockStateMachine()
-propagateEventToStateReactors()
-updateStatusMessage()]
[smacc2::ISmaccStateMachine
|+ ISmaccStateMachine()
+ ~ISmaccStateMachine()
+ reset()
+ stop()
+ eStop()
+ getClientBehavior()
+ getOrthogonal()
+ requireComponent()
+ postEvent()
+ getGlobalSM()
+ setGlobalSMData()
+ getGlobalSMData()
+ setStateMachineName()
+ state_machine_visualization()
+ getCurrentStateInfo()
+ publishTransition()
+ getNode()
+ getTransitionLogHistory()
+ createSignalConnections()
- disconnectSmaccSignalObject()
+ notifyOnStateEntryStart()
+ notifyOnStateEntryEnd()
+ notifyOnRuntimeConfigured()
+ notifyOnStateExiting()
+ notifyOnStateExited()
+ notifyOnRuntimeConfiguration
+ getLogger()
+ getCurrentStateCounter()
+ getCurrentState()
+ getStateMachineInfo()
+ buildStateMachineInfo()
+ getNode()
+ getLogger()
+ getMutex()
#CheckStateMachineConsistence()
#initializeROS()
#initialize()
#createOrthogonal()
-lockStateMachine()
-unlockStateMachine()
-propagateEventToStateReactors()
-updateStatusMessage()]
-statusPub_
[vector< smacc2::ISmaccUpdatable * ]
[vector< std::vector< smacc2::ISmaccUpdatable * > ]
[atomic< int64_t >]
[double]
[atomic< bool ]
[SmaccFitlsScheduler *]
[processor_handle]
[thread]
[IExecutionModel]
#eventGenerators_
#logger_
#stateReactors_
#stateInfo_
[smacc2::ISmaccState
|+ ~ISmaccState()
+ getStateMachine()
+ getParentState()
+ getNode()
+ getLogger()
+ getClassName()
+ configure()
+ requireComponent()
+ requireClient()
+ getGlobalSMData()
+ setGlobalSMData()
+ createStateReactor()
+ createStateReactor()
+ createEventGenerator()
+ getClient()
+ postEvent()
+ notifyTransition()
+ notifyTransitionFromTransitionType(int)
+ getStateReactors()
+ getEventGenerators()
+ getOrthogonal()
+ getClientBehavior()
+ getEventGenerator()
+ getStateReactor()]
#parentState_
#clients_
-clientBehaviors_
-mutex_
-stateMachine_
[smacc2::ISmaccOrthogonal
|+ setStateMachine()
+ getStateMachine()
+ getClient()
+ addClientBehavior()
+ runtimeConfigure()
+ onEntry()
+ onExit()
+ getClients()
+ getName()
+ requireComponents()
+ requireClient()
+ getClients()
+ getClientBehaviors()
+ setGlobalSMData()
+ getGlobalSMData()
+ getClientBehavior()
+ getNode()
+ getLogger()
# onInitialize()
# initializeClients()
# assignClientToOrthogonal()]
-stateMachine_
-signalDetector_
-updatableClients_
-updatableStateElements_
-lastState_
-loop_rate_hz
-and_initialized_
-scheduler_
-processorHandle_
-signalDetectorThread_
-executionModel_
[smacc2::SignalDetector
|+ SignalDetector()
+ initialize()
+ setProcessorHandle()
+ runThread()
+ run()
+ stop()
+ pollingLoop()
+ postEvent()
+ getNode()
+ getLogger()
+ notifyStateConfigured()
+ notifyStateExited()
- getDoc()
- findUpdatableClientsAndComponents()
- findUpdatableStateElements()]
-currentState
-currentOrthogonal
[smacc2::ISmaccClientBehavior
|+ ISmaccClientBehavior()
+ ~ISmaccClientBehavior()
+ getStateMachine()
+ getName()
+ requireClients()
+ requireComponent()
+ onEntry()
+ onExit()
+ executeOnEntry()
+ executeOnExit()
+ runtimeConfigure()
# postEvent()
# postEvent()
# getCurrentState()
# dispose()
# getNode()
# getLogger()
- onOrthogonalAllocation()]
[boost::signals2::signal< void(), optional _last_value= typename boost::function_traits< void() >::result_type, int[0], int= int >, function< void () >, typename extended_signature< 0, function_traits< void() >::arity, void() >::function_type, boost::signals2::mutex >]
[smacc2::SmaccSignal< Signature, Combiner, Group, Group::operator(), SlotFunction, ExtendedSlotFunction, Mutex >]
+ void()>
[optional< std::future< int8 > ]
[function< void()>]
[smacc2::SmaccSignal< void()>]
[bool]
-onEntryThread_
-onExitThread_
-postFailureEventFn
-postFinishEventFn
-postSuccessEventFn_
-onFailure_
-onFinished_
-onSuccess_
-isShutdownRequested_
[smacc2::SmaccAsyncClientBehaviorMixin
|+ onOrthogonalAllocation()
+ ~SmaccAsyncClientBehavior()
+ onSuccess()
+ onFinished()
+ onFailure()
+ waitForAsyncFinish()
+ executeOnEntry()
+ executeOnExit()
+ waitOnEntryThread()
+ onSuccess()
+ onFinished()
+ onFailure()
# postSuccessEvents()
# postFailureEvent()
# dispose()
# isShutdownRequested()
- waitFutureIfNotFinished()]
topicname_
[SharedPtr]
[map< Nav2Nodes, bool >]
[vector< Nav2Nodes >]
-sub_
-receivedAliveMsg_
-waitNodes_
[ros2::CBWaitNav2Nodes
|+ CBWaitNav2Nodes()
+ CBWaitNav2Nodes()
+ onEntry()
- onMessageReceived()]