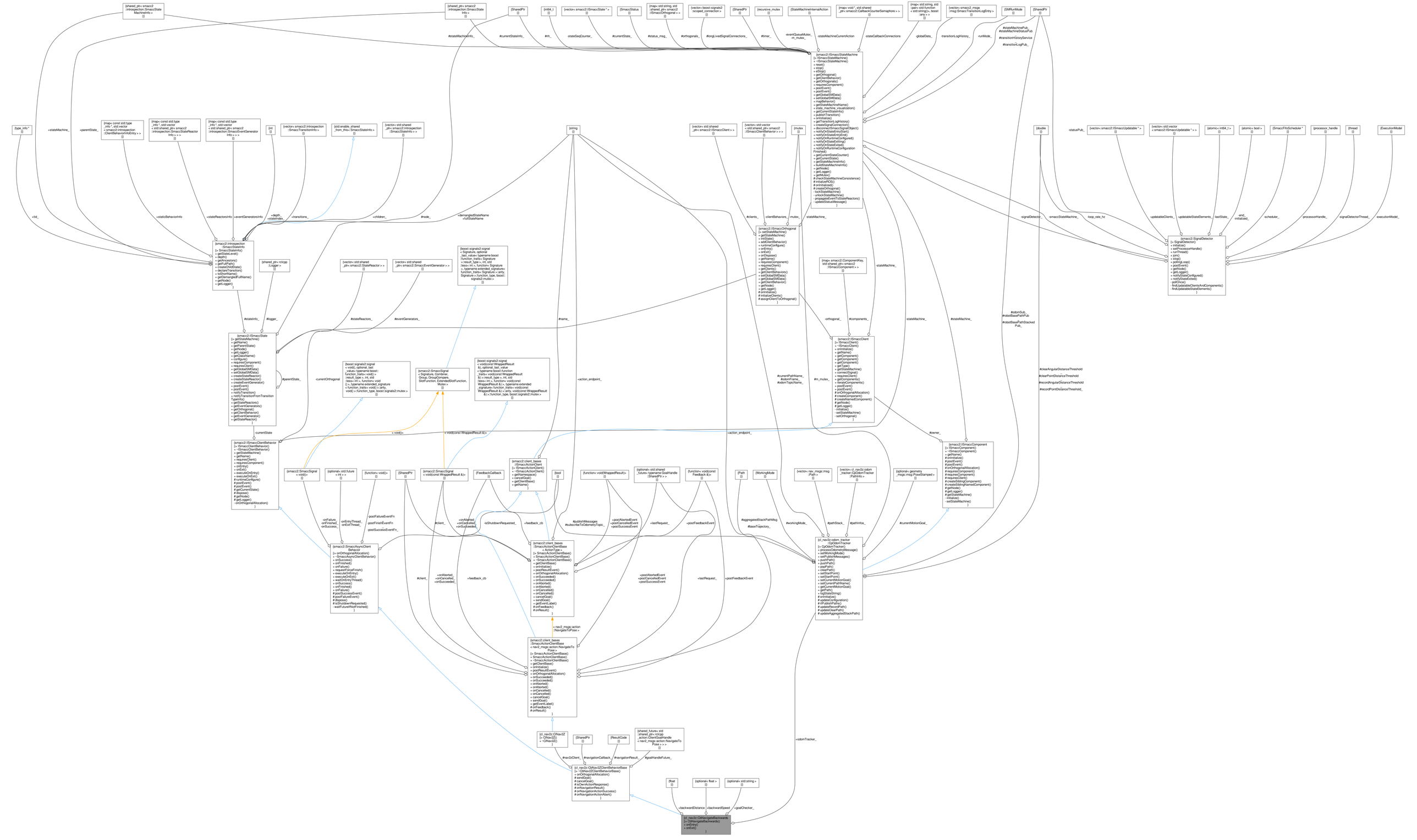
[smacc2::ISmaccStateMachine
[> ISmaccStateMachine)
+ ~ISmaccStateMachine()
+ reset()
+ stop()
+ eStop()
+ getOrthogonal()
+ getOrthogonalBehavior()
+ getOrthogonals()
+ requiresComponent()
+ postEvent()
+ postEvents()
+ getGlobalSMData()
+ setGlobalSMData()
+ getStateMachine()
+ getStateMachineName()
+ state_machine_visualization()
+ getCurrentStateInfo()
+ publishTransition()
+ onInitialize()
+ getTransitionLogHistory()
+ createSignalConnection()
+ disconnectSmaccSignalObject()
+ notifyOnStateBeginEntry()
+ notifyOnStateBeginExit()
+ notifyOnRuntimeConfigured()
+ notifyOnStateExiting()
+ notifyOnStateExited()
+ notifyOnRuntimeConfigurationFinished()
+ getCurrentStateCounter()
+ getCurrentState()
+ getStateMachineInfo()
+ buildStateMachineInfo()
+ getNode()
+ getLogger()
+ getMutex()
+ checkStateMachineConsistence()
# initializeROS()
# onInitialized()
# createOrthogonal()
- lockStateMachine()
- unlockStateMachine()
- propagateEventToStateReactors()
- updateStatusMessage()
}
[smacc2::ISmaccOrthogonal
[> setStateMachine()
+ getStateMachine()
+ initState()
+ addClientBehavior()
+ runtimeConfigure()
+ onEntry()
+ onExit()
+ getPurpose()
+ getName()
+ requiresComponents()
+ requiresClient()
+ getClients()
+ getClientBehaviors()
+ setGlobalSMData()
+ getGlobalSMData()
+ getClientBehavior()
+ getNode()
+ getLogger()
# onInitialize()
# initializeClients()
# assignClientToOrthogonal()
}
[smacc2::ISmaccInspection
[> SmaccStateInfo)
+ getStateLevel()
+ depth()
+ getAncestors()
+ getFullPath()
+ createChildState()
+ getStateMachineName()
+ toStringFullName()
+ getDemangledFullName()
+ getNode()
+ getLogger()
}
[smacc2::ISmaccState
[> getStateMachine()
+ getName()
+ getParentState()
+ getNode()
+ getLogger()
+ getStateName()
+ getPurpose()
+ requiresComponent()
+ requiresClient()
+ getGlobalSMData()
+ setGlobalSMData()
+ createStateReactor()
+ createStateReactor()
+ createEventGenerator()
+ onEntry()
+ postEvent()
+ notifyTransition()
+ notifyTransitionFromTransitionTypeInfo()
+ getStateReactors()
+ getEventGenerators()
+ getClients()
+ getClientBehavior()
+ getEventGenerator()
+ getStateReactor()
}
[smacc2::ISmaccClient
[> ISmaccClient)
+ ~ISmaccClient()
+ oninitialize()
+ getName()
+ getComponent()
+ getComponent()
+ getComponent()
+ getType()
+ getStateMachine()
+ connectSignal()
+ requiresClient()
+ getComponents()
+ iterateComponents()
+ postEvent()
+ postEvent()
# onOrthogonalAllocation()
# createComponent()
# createNamedComponent()
# getNode()
# getLogger()
- setup()
- setStateMachine()
- setOrthogonal()
}
[smacc2::ISmaccComponent
[> ISmaccComponent)
+ ~ISmaccComponent()
+ getName()
# oninitialize()
# postEvent()
# postEvent()
# onOrthogonalAllocation()
# requiresComponent()
# requiresClient()
# requiresComponent()
# getNode()
# createSibling()
# createSiblingNamedComponent()
# getNode()
# getLogger()
# getStateMachine()
- initialize()
- setStateMachine()
}
[smacc2::SmaccClientBehavior
[> ISmaccClientBehavior)
+ ~ISmaccClientBehavior()
+ getStateMachine()
+ getName()
+ requiresClient()
+ requiresComponent()
+ onEntry()
+ onExit()
+ executeOnEntry()
+ executeOnExit()
# runtimeConfigure()
# postEvent()
# getClients()
# getCurrentState()
# dispose()
# getNode()
# getLogger()
- onOrthogonalAllocation()
}
[smacc2::SmaccAsyncClientBehavior
+ ~SmaccAsyncClientBehavior()
+ onSuccess()
+ onAborted()
+ onFailure()
+ requestForceFinish()
+ executeOnEntry()
+ executeOnExit()
+ waitOnEntryThread()
+ onSuccess()
+ onAborted()
+ onFailure()
# postSuccessEvent()
# postFailureEvent()
# dispose()
# isShutdownRequested()
- waitFutureIfNotFinished()
}
[smacc2::client_bases
::SmaccActionClientBase
[> ISmaccActionClient)
+ ~ISmaccActionClient()
+ getNamespace()
+ getClients()
+ getClientBase()
+ getName()
}
[smacc2::client_bases
::SmaccActionClientBase
< ActionType >
[> SmaccActionClientBase)
+ ~SmaccActionClientBase()
+ ~SmaccActionClientBase()
+ getClients()
+ oninitialize()
+ postResultEvent()
+ onOrthogonalAllocation()
+ onSucceeded()
+ onSucceeded()
+ onAborted()
+ onAborted()
+ onCancelled()
+ onCancelled()
+ cancelGoal()
+ sendGoal()
+ getEventLabel()
# onFeedback()
# onResult()
}
[smacc2::client_bases
::SmaccActionClientBase
< nav2_msgs::action::NavigateToPose >
[> SmaccActionClientBase)
+ ~SmaccActionClientBase()
+ ~SmaccActionClientBase()
+ getClients()
+ oninitialize()
+ postResultEvent()
+ onOrthogonalAllocation()
+ onSucceeded()
+ onSucceeded()
+ onAborted()
+ onAborted()
+ onCancelled()
+ onCancelled()
+ cancelGoal()
+ sendGoal()
+ getEventLabel()
# onFeedback()
# onResult()
}
[cl_nav2z::CNavZ
[> CNavZ)
+ ~CNavZ()
}
[cl_nav2z::CNavZClientBehaviorBase
[> ~CNavZClientBehaviorBase()
+ onOrthogonalAllocation()
# sendGoal()
# cancelGoal()
# isOwnActionResponse()
# onNavigationResult()
# onNavigationSuccess()
# onNavigationActionAbort()
}
[cl_nav2z::CbNavigateBackwards
[> CbNavigateBackwards()
+ onEntry()
+ onExit()
}
[cl_nav2z::odom_tracker
::CpOdomTracker
[> CpOdomTracker)
+ processOdometryMessage()
+ setWorkingMode()
+ setPublishMessages()
+ publishPath()
+ addPoseToPath()
+ popPath()
+ clearPath()
+ setStartPoint()
+ setStartPoint()
+ setCurrentMotionGoal()
+ setCurrentPathName()
+ getCurrentMotionGoal()
+ getPath()
+ toPoseString()
+ oninitialize()
# updateConfiguration()
# nPublishPaths()
# updateRecordPath()
# updateClearPath()
# updateAggregatedStackPath()
}
[smacc2::SignalDetector
[> SignalDetector)
+ initialize()
+ setProcessorHandle()
+ runThread()
+ stop()
+ stop()
+ pollingLoop()
+ postEvent()
+ getNode()
+ getLogger()
+ notifyStateConfigured()
+ notifyStateExited()
+ getDetectorThread()
+ findUpdatableClientsAndComponents()
+ findUpdatableStateElements()
}