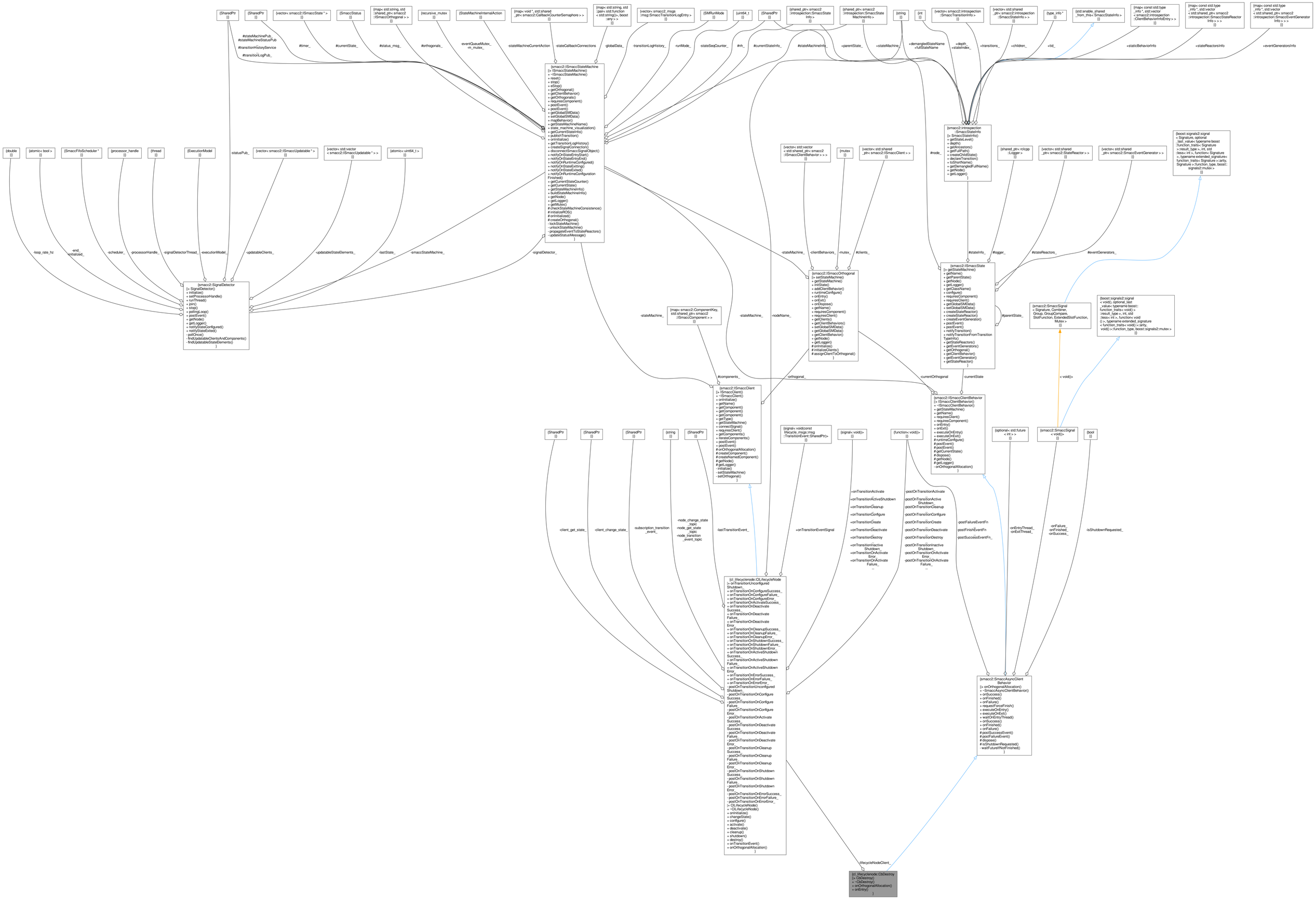
{smacc2::ISmaccStateMachine
|+ ISmaccStateMachine()
+ ~ISmaccStateMachine()
+ reset()
+ stop()
+ eStop()
+ getOrthogonal()
+ getClientBehavior()
+ getOrthogonals()
+ requiresComponent()
+ postEvent()
+ postEvent()
+ getGlobalSMData()
+ setGlobalSMData()
+ mapBehavior()
+ getStateMachineName()
+ state_machine_visualization()
+ getCurrentStateInfo()
+ publishTransition()
+ onInitialize()
+ getTransitionLogHistory()
+ createSignalConnection()
+ disconnectSmaccSignalObject()
+ notifyOnStateStart()
+ notifyOnStateEntryEnd()
+ notifyOnRuntimeConfigured()
+ notifyOnStateExiting()
+ notifyOnStateExited()
+ notifyOnRuntimeConfiguration
Finished()
+ getCurrentStateCounter()
+ getCurrentState()
+ getStateMachineInfo()
+ buildStateMachineInfo()
+ getNode()
+ getLogger()
+ getMutex()
# checkStateMachineConsistence()
# initializeROS()
# onInitialized()
# createOrthogonal()
- lockStateMachine()
- unlockStateMachine()
- propagateEventToStateReactors()
- updateStatusMessage()
}
{smacc2::SignalDetector
|+ SignalDetector()
+ initialize()
+ setProcessorHandle()
+ runThread()
+ join()
+ stop()
+ pollingLoop()
+ postEvent()
+ getNode()
+ getLogger()
+ notifyStateConfigured()
+ notifyStateExited()
- pollOnce()
- findUpdatableClientsAndComponents()
- findUpdatableStateElements()
}
{smacc2::ISmaccOrthogonal
|+ setStateMachine()
+ getStateMachine()
+ initState()
+ addClientBehavior()
+ runtimeConfigure()
+ onEntry()
+ onExit()
+ onDispose()
+ getName()
+ requiresComponent()
+ requiresClient()
+ getClients()
+ getClientBehaviors()
+ setGlobalSMData()
+ getGlobalSMData()
+ getClientBehavior()
+ getNode()
+ getLogger()
# onInitialize()
# initializeClients()
# assignClientToOrthogonal()
}
{smacc2::ISmaccState
|+ getStateMachine()
+ getName()
+ getParentState()
+ getNode()
+ getLogger()
+ getClassName()
+ configure()
+ requiresComponent()
+ requiresClient()
+ getGlobalSMData()
+ setGlobalSMData()
+ createStateReactor()
+ createStateReactor()
+ createEventGenerator()
+ postEvent()
+ postEvent()
+ notifyTransition()
+ notifyTransitionFromTransition
TypeInfo()
+ getStateReactors()
+ getEventGenerators()
+ getOrthogonal()
+ getClientBehavior()
+ getEventGenerator()
+ getStateReactor()
}
{smacc2::ISmaccClient
|+ ISmaccClient()
+ ~ISmaccClient()
+ onInitialize()
+ getName()
+ getComponent()
+ getComponent()
+ getComponent()
+ getComponent()
+ getType()
+ getStateMachine()
+ connectSignal()
+ requiresClient()
+ getComponents()
+ iterateComponents()
+ postEvent()
+ postEvent()
# onOrthogonalAllocation()
# createComponent()
# createNamedComponent()
# getNode()
# getLogger()
- initialize()
- setStateMachine()
- setOrthogonal()
}
{smacc2::ISmaccClientBehavior
|+ ISmaccClientBehavior()
+ ~ISmaccClientBehavior()
+ getStateMachine()
+ getName()
+ requiresClient()
+ requiresComponent()
+ onEntry()
+ onExit()
+ executeOnEntry()
+ executeOnExit()
# runtimeConfigure()
# postEvent()
# postEvent()
# getCurrentState()
# dispose()
# getNode()
# getLogger()
- onOrthogonalAllocation()
}
{cl_lifecyclenode::CbLifecycleNode
|+ onTransitionUnconfigured
Shutdown_
+ onTransitionOnConfigureSuccess_
+ onTransitionOnConfigureFailure_
+ onTransitionOnConfigureError_
+ onTransitionOnActivateSuccess_
+ onTransitionOnDeactivate
Success_
+ onTransitionOnDeactivate
Failure_
+ onTransitionOnDeactivate
Error_
+ onTransitionOnCleanupSuccess_
+ onTransitionOnCleanupFailure_
+ onTransitionOnCleanupError_
+ onTransitionOnShutdownSuccess_
+ onTransitionOnShutdownFailure_
+ onTransitionOnShutdownError_
+ onTransitionOnActiveShutdown
Success_
+ onTransitionOnActiveShutdown
Failure_
+ onTransitionOnActiveShutdown
Error_
+ onTransitionOnErrorSuccess_
+ onTransitionOnErrorFailure_
+ onTransitionOnErrorError_
- postOnTransitionUnconfigured
Shutdown_
- postOnTransitionOnConfigure
Success_
- postOnTransitionOnConfigure
Failure_
- postOnTransitionOnConfigure
Error_
- postOnTransitionOnActivate
Success_
- postOnTransitionOnDeactivate
Success_
- postOnTransitionOnDeactivate
Failure_
- postOnTransitionOnDeactivate
Error_
- postOnTransitionOnCleanup
Success_
- postOnTransitionOnCleanup
Failure_
- postOnTransitionOnCleanup
Error_
- postOnTransitionOnShutdown
Success_
- postOnTransitionOnShutdown
Failure_
- postOnTransitionOnShutdown
Error_
- postOnTransitionOnErrorSuccess_
- postOnTransitionOnErrorFailure_
- postOnTransitionOnErrorError_
|+ CLifecycleNode()
+ ~CLifecycleNode()
+ onInitialize()
+ changeState()
+ configure()
+ activate()
+ deactivate()
+ cleanup()
+ shutdown()
+ destroy()
+ onTransitionEvent()
+ onOrthogonalAllocation()
}
{smacc2::SmaccAsyncClient
Behavior
|+ onOrthogonalAllocation()
+ ~SmaccAsyncClientBehavior()
+ onSuccess()
+ onFinished()
+ onFailure()
+ requestForceFinish()
+ executeOnEntry()
+ executeOnExit()
+ waitOnEntryThread()
+ onSuccess()
+ onFinished()
+ onFailure()
# postSuccessEvent()
# postFailureEvent()
# dispose()
# isShutdownRequested()
- waitFutureIfNotFinished()
}
{cl_lifecyclenode::CbDestroy
|+ CbDestroy()
+ ~CbDestroy()
+ onOrthogonalAllocation()
+ onEntry()
}