

smacc::ISmaccState

# stateReactors\_  
# nh  
# contextNh  
# parentState\_  
# stateInfo\_  
  
+ getStateMachine()  
+ getParentState()  
+ getROSNODE()  
+ getClassName()  
+ configure()  
+ requiresComponent()  
+ requiresClient()  
+ getGlobalSMDData()  
+ setGlobalSMDData()  
+ createStateReactor()  
+ createStateReactor()  
+ postEvent()  
+ postEvent()  
+ notifyTransition()  
+ notifyTransitionFromTransition  
TypeInfo()  
+ getStateReactors()  
+ getParam()  
+ setParam()  
+ param()  
+ getOrthogonal()  
# requestLockStateMachine()  
# requestUnlockStateMachine()

boost::statechart::  
simple\_state< MostDerived,  
Context, InnerInitial,  
historyMode >

smacc::SmaccState<  
MostDerived, Context,  
InnerInitial, historyMode >

+ finishStateThrown  
+ smacc\_inner\_type

+ SmaccState()  
+ SmaccState()  
+ ~SmaccState()  
+ getStateInfo()  
+ getFullName()  
+ getShortName()  
+ getParentState()  
+ exit()  
+ runtimeConfigure()  
+ onEntry()  
+ onExit()  
+ getGlobalSMDData()  
+ setGlobalSMDData()  
+ requiresComponent()  
+ getStateMachine()  
+ checkWhileLoopConditionAnd  
ThrowEvent()  
+ throwSequenceFinishedEvent()  
+ configure\_orthogonal  
\_runtime()  
+ configure\_orthogonal  
\_runtime()  
+ configure\_orthogonal()  
+ static\_createStateReactor()  
+ initial\_deep\_construct()  
+ deep\_construct()  
+ shallow\_construct()  
- entryStateInternal()  
- configure\_orthogonal  
\_internal()

< StiPSCyclePlateau,  
SsPSCycle >

smacc::SmaccState<  
StiPSCyclePlateau,  
SsPSCycle >

+ finishStateThrown  
+ smacc\_inner\_type

+ SmaccState()  
+ SmaccState()  
+ ~SmaccState()  
+ getStateInfo()  
+ getFullName()  
+ getShortName()  
+ getParentState()  
+ exit()  
+ runtimeConfigure()  
+ onEntry()  
+ onExit()  
+ getGlobalSMDData()  
+ setGlobalSMDData()  
+ requiresComponent()  
+ getStateMachine()  
+ checkWhileLoopConditionAnd  
ThrowEvent()  
+ throwSequenceFinishedEvent()  
+ configure\_orthogonal  
\_runtime()  
+ configure\_orthogonal  
\_runtime()  
+ configure\_orthogonal()  
+ static\_createStateReactor()  
+ initial\_deep\_construct()  
+ deep\_construct()  
+ shallow\_construct()  
- entryStateInternal()  
- configure\_orthogonal  
\_internal()

sm\_respira\_1::ps\_cycle  
\_inner\_states::StiPSCyclePlateau

+ runtimeConfigure()  
+ onEntry()  
+ onExit()  
+ staticConfigure()

boost::statechart::  
simple\_state< StiPSCyclePlateau,  
SsPSCycle, mpl::list<>, sc  
::has\_deep\_history >