

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()  
+ static\_createStateReactor()  
+ initial\_deep\_construct()  
+ deep\_construct()  
+ shallow\_construct()  
- entryStateInternal()

boost::statechart::  
simple\_state< StProcessRecharge  
Command, MsRecharge, mpl::  
list<>, sc::has\_deep\_history >

smacc::SmaccState<  
StProcessRechargeCommand,  
MsRecharge >

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sm\_pr2\_plugs::StProcessRecharge  
Command

+ runtimeConfigure()  
+ onTimerClientTickCallback()  
+ onSingleBehaviorTickCallback()  
+ staticConfigure()

< StProcessRechargeCommand,  
MsRecharge >