

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 >