smacc2::ISmaccState

```
# node_
# logger_
# stateReactors_
# eventGenerators_
# parentState_
# stateInfo_
```

```
+ 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()
```

boost::statechart:: simple_state< MostDerived, Context, mpl::list<>, sc ::has_deep_history >

smacc2::SmaccState < MostDerived, Context, InnerInitial, historyMode >

```
+ finishStateThrown
+ smacc_inner_type
```

```
+ SmaccState()
+ SmaccState()
+ ~SmaccState()
+ getStateInfo()
+ getName()
+ getFullName()
+ getShortName()
+ getParentState()
+ exit()
+ runtimeConfigure()
+ onEntry()
+ onExit()
+ getGlobalSMData()
+ setGlobalSMData()
+ requiresComponent()
+ getStateMachine()
+ checkWhileLoopConditionAnd
ThrowEvent()
+ throwSequenceFinishedEvent()
+ configure_orthogonal
_runtime()
+ configure_orthogonal
_runtime()
+ configure_orthogonal()
+ static_createStateReactor()
+ static_createEventGenerator()
+ static_createStateReactor
_aux()
+ initial_deep_construct()
+ deep_construct()
+ shallow_construct()
- entryStateInternal()
- configure_orthogonal
_internal()
```

< MsHolding, DsRun, HoldingStObserve >

boost::statechart:: simple_state< MsHolding, DsRun, HoldingStObserve, sc::has_deep_history >

smacc2::SmaccState < MsHolding, DsRun, HoldingStObserve >

```
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_internal()
```

sm_pack_ml::MsHolding

```
+ ziteration_count
+ yiteration_count
```

```
+ runtimeConfigure()
+ staticConfigure()
+ ztotal_iterations()
+ ytotal_iterations()
```