```
{smacc2::ISmaccState
                                       # node
                                       # logger_
                                       # stateReactors
                                       # eventGenerators_
                                       # parentState_
                                       # stateInfo
                                       |+ getStateMachine()
                                       + getName()
                                       + getParentState()
                                       + getNode()
                                       + getLogger()
                                       + getClassName()
                                       + configure()
                                       + requiresComponent()
{sc::simple_state< MostDerived,
                                       + requiresClient()
                                       + getGlobalSMData()
                                       + setGlobalSMData()
                                       + createStateReactor()
                                       + createStateReactor()
                                       + createEventGenerator()
                                       + postEvent()
                                       + postEvent()
                                       + notifyTransition()
                                        + notifyTransitionFromTransition
                                       TypeInfo()
                                       + getStateReactors()
                                       + getEventGenerators()
                                       + getOrthogonal()
                                       + getClientBehavior()
                                       + getEventGenerator()
                                       + getStateReactor()
                   {smacc2::SmaccState
                   < MostDerived, Context,
```

Context, mpl::list<> , sc

::has deep history >

||

```
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()
```