```
{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 >
              ||}
```

```
{boost::statechart::
simple_state< State2,
SmCoretestTransitionSpeed1,
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()
                    }
```

< State2, SmCoretestTransition
            Speed1 >

```
{smacc2::SmaccState
< State2, SmCoretestTransition
            Speed1 >
|+ 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()
                    }
```

```
{sm_coretest_transition
    _speed_1::State2
||+ runtimeConfigure()
+ onEntry()
+ onExit()
+ staticConfigure()
              }
```