```
smacc::ISmaccState
```
```
# stateReactors_
# eventGenerators_
# nh
# contextNh
# parentState_
# stateInfo_
```
```
+ getStateMachine()
+ getParentState()
+ getROSNode()
+ getClassName()
+ configure()
+ requiresComponent()
+ requiresClient()
+ getGlobalSMData()
+ setGlobalSMData()
+ createStateReactor()
+ createStateReactor()
+ createEventGenerator()
+ postEvent()
+ postEvent()
+ notifyTransition()
+ notifyTransitionFromTransition
TypeInfo()
+ getStateReactors()
+ getEventGenerators()
+ getParam()
+ setParam()
+ param()
+ getOrthogonal()
+ getEventGenerator()
+ getStateReactor()
```

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

```
smacc::SmaccState<
 MostDerived, Context,
   InnerInitial, historyMode >
```
```
+ finishStateThrown
+ smacc_inner_type
```
```
+ SmaccState()
+ SmaccState()
+ ~SmaccState()
+ getStateInfo()
+ 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()
```

```
boost::statechart::
simple_state< StPlaceRetreat,
SS, mpl::list<>, sc::has
   _deep_history >
```

< StPlaceRetreat, SS >

```
smacc::SmaccState<
    StPlaceRetreat, SS >
```
```
+ finishStateThrown
+ smacc_inner_type
```
```
+ SmaccState()
+ SmaccState()
+ ~SmaccState()
+ getStateInfo()
+ 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_fetch_six_table
_pick_n_sort_1::place
_states::StPlaceRetreat
```
```
+ runtimeConfigure()
+ onExit()
+ SmaccState()
+ SmaccState()
+ staticConfigure()
```