

```
boost::statechart::  
simple_state< Navigate,  
SimpleStateMachine, mpl  
::list<>, sc::has_no_history >
```

```
smacc::SmaccState<  
Navigate, SimpleStateMachine >
```

Navigate

```
graph LR; subgraph BoostStatechart [boost::statechart::simple_state< Navigate, SimpleStateMachine, mpl::list<>, sc::has_no_history >]; end; subgraph SmaccState [smacc::SmaccState< Navigate, SimpleStateMachine >]; end; subgraph NavigateState [Navigate]; end; BoostStatechart --> SmaccState; SmaccState --> NavigateState; SmaccState --> NavigateState; SmaccState --> NavigateState;
```

The diagram illustrates the relationship between three state-related components. On the left is a box representing a Boost statechart simple state, which is a template specialization of `boost::statechart::simple_state` with parameters `Navigate`, `SimpleStateMachine`, an empty `mpl::list`, and `sc::has_no_history`. In the middle is a box for `smacc::SmaccState`, also templated with `Navigate` and `SimpleStateMachine`. On the right is a gray box labeled `Navigate`, representing the state object. A single blue arrow points from the Boost state to the `smacc::SmaccState` box. Three blue arrows point from the `smacc::SmaccState` box to the `Navigate` box, indicating a many-to-one relationship where the wrapper state manages multiple instances of the underlying state object.