

```
boost::statechart::  
event< EventC< TSource,  
        TState > >
```

```
classDiagram
    class boost_statechart_event["boost::statechart::event< EventC< TSource, TState > >"]
    class smacc_state_reactors_eventc["smacc::state_reactors::EventC< TSource, TState >"]
    smacc_state_reactors_eventc --|> boost_statechart_event
```

The diagram illustrates an inheritance relationship between two C++ classes. The base class, `boost::statechart::event< EventC< TSource, TState > >`, is represented by a white rectangular box with a black border, divided into three horizontal sections. The top section contains the class name, while the middle and bottom sections are empty. The derived class, `smacc::state_reactors::EventC< TSource, TState >`, is represented by a gray rectangular box with a black border, also divided into three horizontal sections. The top section contains the class name, while the middle and bottom sections are empty. A blue arrow with an open triangular head points from the top section of the derived class box to the bottom section of the base class box, indicating that `smacc::state_reactors::EventC` inherits from `boost::statechart::event`.

```
smacc::state_reactors  
::EventC< TSource, TState >
```