

```
boost::statechart::  
simple_state< ToolSubstate,  
ToolOrthogonalLine, mpl  
::list<>, sc::has_no_history >
```

```
smacc::SmaccState<  
ToolSubstate, ToolOrthogonal  
Line >
```

```
NavigateToEvenWaypoint  
::ToolSubstate
```

```
graph RL; A[smacc::SmaccState< ToolSubstate, ToolOrthogonalLine >] --> B[boost::statechart::simple_state< ToolSubstate, ToolOrthogonalLine, mpl::list<>, sc::has_no_history >]; C[NavigateToEvenWaypoint::ToolSubstate] --> A;
```

The diagram illustrates the inheritance hierarchy of a state machine. It consists of three rectangular boxes arranged horizontally from left to right. The leftmost box, with a thin grey border, contains the code for `boost::statechart::simple_state`. The middle box, with a black border, contains the code for `smacc::SmaccState`. The rightmost box, with a black border and a light grey fill, contains the code for `NavigateToEvenWaypoint::ToolSubstate`. A dark blue arrow points from the middle box to the left box, and another dark blue arrow points from the right box to the middle box, indicating that `smacc::SmaccState` inherits from `boost::statechart::simple_state` and `NavigateToEvenWaypoint::ToolSubstate` inherits from `smacc::SmaccState`.