

```
function< void(std  
::shared_ptr< smacc2  
::SmaccEventGenerator >)>
```

```
classDiagram
    class Function["function< void(std::shared_ptr< smacc2::SmaccEventGenerator >)>"]
    class Functor["smacc2::introspection::EventGeneratorCallbackFunctor"]
    Function o-- Functor : +fn
```

The diagram illustrates a relationship between two C++ entities. The top entity is a function template, represented by a white rectangular box with three horizontal compartments. The first compartment contains the function signature: `function< void(std::shared_ptr< smacc2::SmaccEventGenerator >)>`. The bottom entity is a functor, represented by a gray rectangular box with three horizontal compartments. The first compartment contains the text: `smacc2::introspection::EventGeneratorCallbackFunctor`. A vertical line connects the bottom of the function box to the top of the functor box. On this line, to the right of the vertical line, is the label `+fn`. At the point where the line meets the functor box, there is a small open diamond, indicating an aggregation relationship.

+fn

```
smacc2::introspection  
::EventGeneratorCallbackFunctor
```