

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

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

The diagram illustrates a relationship between a function type and a functor class. The function type, located at the top, is defined as `function< void(std::shared_ptr< smacc2::SmaccEventGenerator >)>`. It is represented by a white rectangular box with a black border, divided into three horizontal sections. The top section contains the function signature, while the bottom two sections are empty. The functor class, located at the bottom, is named `smacc2::introspection::EventGeneratorCallbackFunctor`. It 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 bottom two sections are empty. A vertical line connects the bottom of the function type box to the top of the functor class box. This line features an open diamond symbol at the point of connection to the functor class, indicating an aggregation relationship. To the right of this line, the text `+fn` is displayed, identifying the association.

+fn

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