

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

```
classDiagram
    class Function {
        <<function>>
    }
    class Functor {
        <<functor>>
    }
    Function o-- "1" Functor : +fn
```

The diagram illustrates an aggregation relationship between a function and a functor. The function, located at the top, is a template function that takes a shared pointer to a SmaccEventGenerator and returns void. The functor, located at the bottom, is a struct or class named EventGeneratorCallbackFunctor within the smacc2 namespace. A vertical line connects the two, with an open diamond at the bottom (functor) and the label '+fn' next to it, indicating that the function holds a reference to the functor.

+fn

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