```
smacc2::SmaccEventGenerator

- ownerState_
- ISmaccStateMachine

+ SmaccEventGenerator()
+ ~SmaccEventGenerator()
+ onStateAllocation()
+ onEntry()
+ onExit()
+ postEvent()
+ postEvent()
+ initialize()
+ onInitialized()
```

```
smacc2::event_generators
  ::EgConditionalGenerator

+ mode_
- postEventTrue
- postEventFalse
- updatePredicate_

+ EgConditionalGenerator()
+ ~EgConditionalGenerator()
+ onEntry()
+ onStateAllocation()
+ update()
+ setPredicateFunction()
- checkPredicateAndPost()
```

```
smacc2::state_reactors
  ::EgRandomGenerator

+ mode_
- postEventA
- postEventB
- postEventC
- evAMin_
- evAMax_
- evBMin_
- evBMax_
- evCMin_
- evCMax_
- minValue
- maxValue

+ EgRandomGenerator()
+ onEntry()
+ onStateAllocation()
+ postRandomEvents()
+ update()
```