

```
{smacc2::SmaccEventGenerator
|- ownerState_
- ISmaccStateMachine
|+ SmaccEventGenerator()
+ ~SmaccEventGenerator()
+ onStateAllocation()
+ onEntry()
+ onExit()
+ postEvent()
+ postEvent()
+ initialize()
+ onInitialized()
}
```

```
{smacc2::ISmaccUpdatable
|- periodDuration_
- lastUpdate_
|+ ISmaccUpdatable()
+ ISmaccUpdatable()
+ executeUpdate()
+ setUpdatePeriod()
# update()
}
```

```
{smacc2::event_generators
::EgConditionalGenerator
|+ mode_
- postEventTrue
- postEventFalse
- updatePredicate_
|+ EgConditionalGenerator()
+ ~EgConditionalGenerator()
+ onEntry()
+ onStateAllocation()
+ update()
+ setPredicateFunction()
- checkPredicateAndPost()
}
```

