

## Generator

```
# double amplitude  
# uint16_t samples_per  
_cycle  
# double bias  
# uint16_t internal_clock  
  
+ Generator()  
+ virtual double tick()=0  
+ void setAmplitude(double  
amplitude)  
+ void setSamplesPerCycle  
(uint16_t samples_per  
_cycle)  
+ void setBias(double  
bias)  
+ double getAmplitude()  
+ uint16_t getSamplesPerCycle()  
+ double getBias()  
+ void resetClock()  
# double advanceClockAndReturn  
(double)
```



## GeneratorSinusoida

```
+ GeneratorSinusoida()  
+ double tick() override
```