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)