## 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()

## GeneratorProstokatny

+ GeneratorProstokatny()

+ double tick() override

+ void setDutyCycle(double
duty_cycle)

+ double getDutyCycle()

## GeneratorSinusoida

+ GeneratorSinusoida()

+ double tick() override