sensornode

sensornode::MainSpot

− HOST_PORT : int
− SAMPLE_PERIOD_LISTENING : int
− SAMPLE_PERIOD_MEASURING : int
− ARRAY_LENGTH : int
− SAMPLERATE : double
− THRESHOLD : double

startApp() : void

sensornode::AccelerationSampler

+ getaccelerationArray() : double[]

sensornode::FFT

+ performFFT() : double[]
− bitreverseReference() : int
+ calcMagnitude() : double[]
+ calcFreq() : double[]
+ calcNaturalFreq() : double[]

sensornode::Communication

+ rCon : RadiogramConnection
+ dg : Datagram
+ ourAddress : String

+ EstablishConnection() : void
+ SendMeasurement() : void