

## sensornode

### sensornode::AccelerationSampler

+getaccelerationArray() : double[]

### sensornode::FFT

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

### sensornode::Measurement

+address: String  
+frequency: float  
+magnitude: double  
+error: int

### sensornode::MainSpot

-SAMPLE\_PERIOD\_LISTENING: int  
-SAMPLE\_PERIOD\_MEASURING: int  
-ARRAY\_LENGTH: int  
-SAMPLERATE: double  
-THRESHOLD: double  
-BASE\_NAME: String  
-SENSOR\_NAMES: String[]  
-HOST\_PORT: int  
-HOST\_PORT\_BASE: int  
-HIDDEN\_UNITS: Integer  
-TRAINING\_EVENTS: int

#startApp(): void

### sensornode::NetworkTraining

+Train(): void

### sensornode::Communication

+conn: RadiostreamConnection  
+dis: DataInputStream  
+dos: DataOutputStream  
+ourAddress: String  
+ReceiveData(): Measurement  
+StoreData(): void

### SNIFE

+NeuralNetwork: class  
+NeuralNetworkDescriptor: class  
+NeuronBehavior: class  
+MersenneTwisterFast: class  
+Identity: class