basestation basestation::MainBase basestation::DatabaseHandler HOST PORT : Integer + dbConn: Connection - DATABASE URL: String + getConnection(): void - DATABASE NAME: String + createTableIfNeeded(): void - DATABASE USER: String + writeMeasurement(): void - DATABASE PASSWORD: String - TABLE NAME: Strina - run(): void sensornode sensornode::MainSpot sensornode::AccelerationSampler - HOST PORT: int - SAMPLE PERIOD LISTENING: int + getaccelerationArray(): double[] - SAMPLE PERIOD MEASURING: int - ARRAY LENGTH: int - SAMPLERATE: double sensornode::FFT - THRESHOLD: double # startApp(): void + performFFT(): double[] - bitreverseReference(): int sensornode::Communication + calcMagnitude(): double[] + calcFreq(): double[] + rCon: RadiogramConnection + calcNaturalFreq(): double[] + dg: Datagram + ourAddress : String + EstablishConnection(): void + SendMeasurement(): void