

# Data

## PressureControl

- + runMotor()
- + runValve()
- + turnMotorOn(in speed: unsigned short)
- + turnMotorOff()
- + turnValveOn()
- + turnValveOff()

## ExternalMemory

- + initializeSD()
- + generateRandomNumber(): string
- + checkFilesSD(): string
- + writeToSDCard(in textToSD: string)
- + createFileTemplate(in filename: string)
- + getFilename(): string

## InternalMemory

- + writeToEEPROM(in adr: integer, in value: unsigned short)
- + readFromEEPROM(in adr: integer): unsigned short

## PressureSampeling

- + getCuffPressure(): unsigned short
- + runningPeakDetect(in peaks[]: unsigned short, in cuffPressure[]: unsigned short, in peakArrayLenght: unsigned short, in \*totalNumberOfPeaks: unsigned short, in pc: PressureControl, in util: Utilities)