```
I2C
 - const uint8 t i2c bus

    const uint8 ti2c address

    int fd

 + I2C(const uint8 t
  &i2c_bus, const uint8
  t &i2c address)
 + ~I2C()
 + int getFileDescriptor()
 + void i2cInit()
 + void i2cClose()
 and 24 more...
                -i2c
          PiPCA9685

    const uint8 t i2c bus

    const uint8 t i2c address

+ PiPCA9685(uint8 t
i2c bus, uint8 t i2c
address)
+ ~PiPCA9685()
+ void initialize()
+ void setPwmFrequency
(uint16 t frequency)
+ void setPwm(uint8 t
channel, uint16 t on,
uint16 t off)
+ void setAllPwm(uint16
t on, uint16 t off)
+ void move(uint8 t channel,
int dea)
                -servoController
       ControllerLogic
- int yellowServoPosition
int blueServoPosition
+ ControllerLogic()
+ ~ControllerLogic()
+ void setYellowServoPosition
(int angle)
+ void setBlueServoPosition
(int angle)
+ void objectDetected()
+ void dataDetected()
+ void dataTransferred()
```