

# API for Fluid Control Board

## Setup:

1. To utilize the API for the fluid control board, first import the FCB module from FCB.py within the same directory. This can be done with including `"from FCB import FCB"` at the beginning of the program.
2. To initialize the API, only two steps is required. First, construction of the Object. Second initialization of the serial connection.
  - a. Constructor: `"board=FCB()"`  
This create an FCB object and could be later reference by "board". To call function within the class one can simply write `"board.some_function()"`
  - b. Serial initialization: `"board.startLink("Serial_port_name")"`  
Serial\_port\_name could be replaced by the string variable. If the initialization is successful, function will return True, and false otherwise To find out the name of the serial port function `"board.listAllSerialPort()"` could be called and print out all existing port connected to the computer.  
Alternatively, Constructor could also be called with the serial name to skip this serial initialization. `"board=FCB ("Serial_port_name")"`

## Usage:

List of available functions are listed in the README. Additionally, three examples code have been provided.