RUNNING

pyrow.find() - returns an array of all the ergs currently connected to the computer

pyrow.pyrow(erg) - creates an object for communicating with the erg, erg is obtained from the pyrow.find() function ex: creating a pyrow object from the first erg found ergs = pyrow.find() erg = pyrow.pyrow(ergs[0])

pyrow.pyrow.getStatus() - returns status of machine as a number

0 = 'Error'

1 = 'Ready'

2 = 'Idle'

3 = 'Have ID'

4 = 'N/A'

5 = 'In Use'

6 = 'Pause'

7 = 'Finished'

8 = 'Manual'

9 = 'Offline'

pyrow.pyrow.getMonitor(forceplot=False) - returns data from the monitor in dictionary format, keys listed below with descriptions

|  |  |  |
| --- | --- | --- |
| time |  | Monitor time in seconds |
| distance |  | Monitor distance in meters |
| spm |  | Strokes per Minute |
| power |  | Power in watts |
| pace |  | /500m pace |
| calhr |  | Calories Burned per Hours |
| calories |  | Total Calories Burned |
| heartrate |  | Current Heart Rate |
| status |  | Machine Status If keyvalue forceplot is set to true |
| forceplot |  | Force Plot Data |
| strokestate |  | Stroke State |

pyrow.pyrow.getForcePlot() - returns force plot data and stroke state in dictionary format, keys listed below with descriptions

forceplot Force Plot Data (array varying in length from 0 to 16)

strokestate Stroke State

status Machine status

pyrow.pyrow.getWorkout() - returns data related to the overall workout in dictionary format, keys listed below with descriptions

|  |  |
| --- | --- |
| userid | User ID |
| type | Workout Type |
| state | Workout State |
| inttype | Interval Type |
| intcount | Workout Interval Count |
| status | Machine Status |

pyrow.pyrow.getErg() - returns non workout related data about the erg in dictionary format, keys listed below with descriptions

mfgid = Manufacturing ID

cid = CID

model = Erg Model

hwversion = Hardware Version

swversion = Software Version

serial = Ascii Serial Number

maxrx = Max Rx Frame

maxtx = Max Tx Frame

mininterframe = Min Interframe

status = Machine status

pyrow.pyrow.setClock() - sets the clock on the erg equal to the clock on the computer

pyrow.pyrow.setWorkout() - if machine is in the ready state function will set the workout and display the start workout screen, allowable parameters are listed below (the current PM SDK does not allow for setting interval led workouts)

time

distance

spm

power

pace

calhr

calories

heartrate

status

forceplot

strokestate