

**Lego NXT**

Motors (Output) A-C

#	Variable	Current Value	Min/Max Limits
A.	gripper	128	50 200
B.	left_m	128	0 255
C.	right_m	128	0 255

Rotations (Input) A-C

#	Variable	Current Value
A.		
B.		
C.		

Sensors (Input) 1-4

#	Sensor Type	Variable	Current Value
1.	None		
2.	None		
3.	None		
4.	None		

Sound (Output)

Frequency: [ ] [ ]

Duration: [ ] [ ]

File: [ ] [ ]

Battery (Input)

Current Value: [ ]

**Messages**

Mailbox #	Variable	Read/Write
1.		<input checked="" type="radio"/> get <input type="radio"/> send
2.		<input checked="" type="radio"/> get <input type="radio"/> send
3.		<input checked="" type="radio"/> get <input type="radio"/> send
4.		<input checked="" type="radio"/> get <input type="radio"/> send
5.		<input checked="" type="radio"/> get <input type="radio"/> send
6.		<input checked="" type="radio"/> get <input type="radio"/> send
7.		<input checked="" type="radio"/> get <input type="radio"/> send
8.		<input checked="" type="radio"/> get <input type="radio"/> send
9.		<input checked="" type="radio"/> get <input type="radio"/> send
10.		<input checked="" type="radio"/> get <input type="radio"/> send

**Options**

Connection: [ ]

Save Open Camera Snap

```

Set gripper = 128, left_m = 128, right_m = 128
Joystick
if joy_y < -500 then
  ..Set left_m = 220, right_m = 220
end if
if joy_y > 500 then
  ..Set left_m = 40, right_m = 40
end if
if joy_x < -500 then
  ..Set right_m = 210
end if
if joy_x > 500 then
  ..Set left_m = 210
end if
if left_m = 220 AND right_m = 210 then
  ..Set left_m = 211, right_m = 220
end if
if left_m = 210 AND right_m = 220 then
  ..Set left_m = 220, right_m = 210
end if
if joy_x < -900 then
  ..Set left_m = 40, right_m = 210
end if
if joy_x > 900 then
  ..Set left_m = 210, right_m = 40
end if
if opt_x < -500 then
  ..Set gripper = 50
end if
if opt_x > 500 then
  ..Set gripper = 200
end if
if stop_l > 500 then
  ..Set left_m = 128
end if
if stop_r > 500 then
  ..Set right_m = 128
end if
Lego_NXT
  
```

**Options**

RoboRealm Ver. 1.8.11.2

Video API Server Web Server Start

Activate RoboRealm Web Server

Port: 8080

Timeout: 0 seconds

Username: [ ]

Password: [ ]

Threads: [ 1 ]

1  
5  
10  
20  
50  
100