Online_v2– FPS system testing over rabbit serial link in C06 antenna

Date : 20/03/2015 Time : 11.45 Am to 13.10 PM

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Rabbit card with Device IP 192.168.21.107 connected to FPS system over serial link

Online_v2 machine IP : 192.168.8.45

```
[teleset@tellab2 Online]$ ./online_v2
HIGHUSER thread CREATED=> 0
SERVO thread CREATED=> 0
GUI INTERFACE thread CREATED=> 0
PYTHON INTERFACE thread CREATED=> 0
MCM SYSTEM thread CREATED=> 0

msgget: Calling msgget(0xc9,01600)
msgget: msgget succeeded: msqid = 0
Sucessfully Created MESSAGE QUEUE ID=0
$$$ SERVER WANTING FOR PYTHON ENVIRONMENT CLIENT TO CONNECT $$$$

 >>  ACCEPTED CONNECTION FROM FPS MCM DEVICE 192.168.21.107
FPS thread opened succesfully=> 0
############### SERVER WANTING FOR CLIENT CONNECTION ######
```

C06 fps reboot // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => reboot
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  reboot
we wrote on the socket 35  fps reboot
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 35 20-Mar-2015 12:16:35 fps reboot
 Size of Struct is ######### 1638
```

Size of Response Struct => 4698
 MCM => 1
 35
 20-Mar-2015 12:16:35
 fps
  ####### NUmber of RESPONSE MSG is 1
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Reboot
 Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps run_to_cal // Command from Online_V2 terminal

 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => run_to_cal
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME run_to_cal
we wrote on the socket 30 fps run_to_cal
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 30 20-Mar-2015 12:16:51 fps run_to_cal
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 30
 20-Mar-2015 12:16:51
 fps
  ####### NUmber of RESPONSE MSG is 1
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Run to calibrate

Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps run_to_preset // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => run_to_preset
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME run_to_preset

Enter target encoder value:
15000
we wrote on the socket 32 fps run_to_preset
tar_encr_v 76 29
Size of Struct is ######### 1638
####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 32 20-Mar-2015 12:19:07 fps run_to_preset
tar_encr_v 76 29
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
32
20-Mar-2015 12:19:07
fps
####### NUmber of RESPONSE MSG is 1
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Run to Reset
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps free_run_tow // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => free_run_tow

Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME free_run_tow
Enter 0-towards 270deg / 1-towards -10deg::
1
we wrote on the socket 31 fps free_run_tow
 1 0
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 31 20-Mar-2015 12:21:40 fps free_run_tow
 1 0
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 31
 20-Mar-2015 12:21:40
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
 Run Free
 Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps fpsnull   // Command from Online_V2 terminal

 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => fpsnull
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME fpsnull
we wrote on the socket 10 fps null
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps

INSERTING in Command Queue fps

>> we wrote on the socket 10 20-Mar-2015 12:25:15 fps null
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
10
20-Mar-2015 12:25:15
fps
NUmber of RESPONSE MSG is 4
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Feed Calibrated and Idle
EncCount = 1508
Rpm = 0
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps read_version   // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => read_version
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME read_version
we wrote on the socket 25 fps read_version
Size of Struct is ######### 1638
Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 25 20-Mar-2015 12:25:58 fps read_version
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
25
20-Mar-2015 12:25:58
fps

####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Read Version: 8.5
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps read_Max_angle // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => read_Max_angle
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME read_Max_angle
we wrote on the socket 28 fps read_Max_angle
Size of Struct is ######### 1638
####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 28 20-Mar-2015 12:26:22 fps read_Max_angle
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
28
20-Mar-2015 12:26:22
fps
####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Read Max Angle, 17284
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps read_Min_angle // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => read_Min_angle
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  read_Min_angle
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 29 20-Mar-2015 12:27:05 fps read_Min_angle
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 29
 20-Mar-2015 12:27:05
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Read Min Angle, 1468
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps read_Brake_dd // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => read_Brake_dd
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  read_Brake_dd
we wrote on the socket 23  fps read_Brake_dd
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps
```

```
 >> we wrote on the socket 23 20-Mar-2015 12:27:54 fps read_Brake_dd
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 23
 20-Mar-2015 12:27:54
 fps
  ###### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Read Break Count Diff, 4
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps read_tpoint   // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => read_tpoint
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  read_tpoint
we wrote on the socket 20  fps read_tpoint
 Size of Struct is ######### 1638
 ###### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 20 20-Mar-2015 12:28:22 fps read_tpoint
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 20
 20-Mar-2015 12:28:22
 fps
  ###### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
```

999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
 Read Turning Point, target: 300
 Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps read_low_rpm // Command from Online_V2 terminal

 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => read_low_rpm
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME read_low_rpm
we wrote on the socket 22 fps read_low_rpm
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 22 20-Mar-2015 12:28:45 fps read_low_rpm
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 22
 20-Mar-2015 12:28:45
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
 Read Lower Ramp Limit, 649 int 325
 Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps read_rampupcnt // Command from Online_V2 terminal

 CMD[0] => C06
 CMD[1] => fps

```
 CMD[2] => read_rampupcnt
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  read_rampupcnt
we wrote on the socket 24  fps read_rampupcnt
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 24 20-Mar-2015 12:29:14 fps read_rampupcnt
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 24
 20-Mar-2015 12:29:14
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Read Ramp up Count, 20
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps read_rampdcnt // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => read_rampdcnt
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  read_rampdcnt
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 21 20-Mar-2015 12:29:47 fps read_rampdcnt
 Size of Struct is ######### 1638
Size of Response Struct => 4698
```

MCM => 1
21
20-Mar-2015 12:29:47
fps
####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Read Ramp Down Count, Slope: 80
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps read_Max_pwm_cnt // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => read_Max_pwm_cnt
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME read_Max_pwm_cnt
####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 27 20-Mar-2015 12:30:21 fps read_Max_pwm_cnt
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
27
20-Mar-2015 12:30:21
fps
####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Read Max PWM Count, 80
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps read_stoptimecnt // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => read_stoptimecnt
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  read_stoptimecnt
we wrote on the socket 26  fps read_stoptimecnt
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 26 20-Mar-2015 12:30:44 fps read_stoptimecnt
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 26
 20-Mar-2015 12:30:44
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Read Stop Count, 20
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps set_tpoint // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => set_tpoint
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  set_tpoint

Enter turning point position difference:
```

200
we wrote on the socket 11 fps set_tpoint
set_tpoint 100 0
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 11 20-Mar-2015 12:31:58 fps set_tpoint
set_tpoint 100 0
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 11
 20-Mar-2015 12:31:58
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
 Set Turning Point, target: 200
 Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps set_Max_pwm_cnt // Command from Online_V2 terminal

 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => set_Max_pwm_cnt
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME set_Max_pwm_cnt
Enter max PWM cnt:
50
we wrote on the socket 17 fps set_Max_pwm_cnt
set_Max_pwm_cnt 50 0
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

```
 >> we wrote on the socket 17 20-Mar-2015 12:32:46 fps set_Max_pwm_cnt
set_Max_pwm_cnt 50 0
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 17
 20-Mar-2015 12:32:46
 fps
  ###### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Set Max PWM Count, 32
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps set_Max_pwm_cnt   // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => set_Max_pwm_cnt
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  set_Max_pwm_cnt
Enter max PWM cnt:
80
we wrote on the socket 17  fps set_Max_pwm_cnt
set_Max_pwm_cnt 80 0
 Size of Struct is ######### 1638
 ###### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 17 20-Mar-2015 12:34:41 fps set_Max_pwm_cnt
set_Max_pwm_cnt 80 0
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 17
 20-Mar-2015 12:34:41
```

fps
####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Set Max PWM Count, 50
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps set_Max_pwm_cnt // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => set_Max_pwm_cnt
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME set_Max_pwm_cnt
Enter max PWM cnt:
80
we wrote on the socket 17 fps set_Max_pwm_cnt
set_Max_pwm_cnt 80 0
Size of Struct is ######### 1638
####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 17 20-Mar-2015 12:35:14 fps set_Max_pwm_cnt
set_Max_pwm_cnt 80 0
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
17
20-Mar-2015 12:35:14
fps
####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999

999 Exec. OK
 Set Max PWM Count, 50
 Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps set_Max_angle // Command from Online_V2 terminal

 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => set_Max_angle
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME set_Max_angle

Enter angle count:
17300
we wrote on the socket 18 fps set_Max_angle
set_Max_angle 202 33
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 18 20-Mar-2015 12:37:28 fps set_Max_angle
set_Max_angle 202 33
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 18
 20-Mar-2015 12:37:28
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
 Set Max Angle, 17300
 Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps set_min_angle // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => set_min_angle
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  set_min_angle

Enter angle count:
1450
we wrote on the socket 19  fps set_min_angle
set_min_angle 213 2
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 19 20-Mar-2015 12:38:07 fps set_min_angle
set_min_angle 213 2
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 19
 20-Mar-2015 12:38:07
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Set Min Angle, 1450
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps set_Brake_dd // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => set_Brake_dd
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
```

```
OP NAME  set_Brake_dd
Enter Break Cnt difference::
6
we wrote on the socket 14  fps set_Brake_dd
set_Brake_dd 3 0
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 14 20-Mar-2015 12:38:45 fps set_Brake_dd
set_Brake_dd 3 0
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 14
 20-Mar-2015 12:38:45
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Set Break Count Diff, 6
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps set_low_rpm

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => set_low_rpm
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  set_low_rpm
Enter Lower RPM limit:
630
Enter Check-Interval(ms)::
20
we wrote on the socket 13  fps set_low_rpm
set_low_rpm 4 0
 Size of Struct is ######### 1638
```

####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 13 20-Mar-2015 12:39:29 fps set_low_rpm
set_low_rpm 4 0
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
13
20-Mar-2015 12:39:29
fps
####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Set Lower Ramp Limit, 0 int 20
Writing to ONLINE from FPS THREAD SUCCESSFUL
C06 fps set_low_rpm

CMD[0] => C06
CMD[1] => fps
CMD[2] => set_low_rpm
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME set_low_rpm
Enter Lower RPM limit:
300
Enter Check-Interval(ms)::
20
we wrote on the socket 13 fps set_low_rpm
set_low_rpm 4 0
Size of Struct is ######### 1638
####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 13 20-Mar-2015 12:40:22 fps set_low_rpm
set_low_rpm 4 0
Size of Struct is ######### 1638

Size of Response Struct => 4698
 MCM => 1
 13
 20-Mar-2015 12:40:22
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
 Set Lower Ramp Limit, 0 int 20
 Writing to ONLINE from FPS THREAD SUCCESSFUL
C06 fps read_low_rpm

 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => read_low_rpm
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME read_low_rpm
we wrote on the socket 22 fps read_low_rpm
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 22 20-Mar-2015 12:40:41 fps read_low_rpm
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 22
 20-Mar-2015 12:40:41
 fps
  ####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK

Read Lower Ramp Limit, 0 int 20
Writing to ONLINE from FPS THREAD SUCCESSFUL
>> C06 fps reboot

CMD[0] => C06
CMD[1] => fps
CMD[2] => reboot
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME reboot
we wrote on the socket 35 fps reboot
Size of Struct is ######### 1638
Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 35 20-Mar-2015 12:44:41 fps reboot
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
35
20-Mar-2015 12:44:41
fps
NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Reboot
Writing to ONLINE from FPS THREAD SUCCESSFUL
C06 fps read_Max_angle

CMD[0] => C06
CMD[1] => fps
CMD[2] => read_Max_angle
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME read_Max_angle
we wrote on the socket 28 fps read_Max_angle

Size of Struct is ######### 1638
####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 28 20-Mar-2015 12:45:05 fps read_Max_angle
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1
28
20-Mar-2015 12:45:05
fps
####### NUmber of RESPONSE MSG is 1
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Read Max Angle, 17284
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps run_fine_tune // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => run_fine_tune
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME run_fine_tune

Enter target encoder value:
1550

Enter PWM cnt:
90
we wrote on the socket 33 fps run_fine_tune
tar_encr_v 7 3
pwm_cnt 90 144
Size of Struct is ######### 1638
####### Element in Command Queue fps
INSERTING in Command Queue fps

```
 >> we wrote on the socket 33 20-Mar-2015 12:45:59 fps run_fine_tune
tar_encr_v 7 3
pwm_cnt 90 144
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 33
 20-Mar-2015 12:45:59
 fps
  ###### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  FPS rejected command
 Read Max Angle, 17284
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps run_to_cal   // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => run_to_cal
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  run_to_cal
we wrote on the socket 30  fps run_to_cal
 Size of Struct is ######### 1638
 ####### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 30 20-Mar-2015 12:46:22 fps run_to_cal
 Size of Struct is ######### 1638
Size of Response Struct => 4698
 MCM => 1
 30
 20-Mar-2015 12:46:22
 fps
  ###### NUmber of RESPONSE MSG is 1
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
```

888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Writing to ONLINE from FPS THREAD SUCCESSFUL

C06 fps run_to_preset // Command from Online_V2 terminal

CMD[0] => C06
CMD[1] => fps
CMD[2] => run_fine_tuneC06
CMD[3] => fps
CMD[4] => run_to_preset
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME run_fine_tuneC06

>> C06 fps run_to_preset

CMD[0] => C06
CMD[1] => fps
CMD[2] => run_to_preset
Command for C06 ANTENNA
ANTENNA C06 C06
System fps
OP NAME run_to_preset

Enter target encoder value:
15000
we wrote on the socket 32 fps run_to_preset
tar_encr_v 76 29
Size of Struct is ######### 1638
####### Element in Command Queue fps
INSERTING in Command Queue fps

>> we wrote on the socket 32 20-Mar-2015 12:48:30 fps run_to_preset
tar_encr_v 76 29
Size of Struct is ######### 1638
Size of Response Struct => 4698
MCM => 1

```
 32
 20-Mar-2015 12:48:30
 fps
  ###### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999  Exec. OK
 Run to Reset
 Writing to ONLINE from FPS THREAD SUCCESSFUL
```

C06 fps run_fine_tune // Command from Online_V2 terminal

```
 CMD[0] => C06
 CMD[1] => fps
 CMD[2] => run_fine_tune
Command for C06 ANTENNA
ANTENNA C06 C06
System  fps
OP NAME  run_fine_tune

 Enter target encoder value:
15050

Enter PWM cnt:
70
we wrote on the socket 33  fps run_fine_tune
tar_encr_v 101 29
pwm_cnt 70 112
 Size of Struct is ######## 1638
 ###### Element in Command Queue fps
 INSERTING in Command Queue fps

 >> we wrote on the socket 33 20-Mar-2015 12:49:54 fps run_fine_tune
tar_encr_v 101 29
pwm_cnt 70 112
 Size of Struct is ######## 1638
Size of Response Struct => 4698
 MCM => 1
 33
```

20-Mar-2015 12:49:54
fps
####### NUmber of RESPONSE MSG is 2
888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888 888
888 888 888 888 888 888 888 888 888 888 888 888 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999 999
999 Exec. OK
Run to Fine Tune
Writing to ONLINE from FPS THREAD SUCCESSFUL