Online_v2—Servo test with actual hardware in SSL lab.

Date : 22/12/2014 Time : 11.40 AM to 12.30 PM

Test done by : Mr. Thiyagu & Mr. Raju

PC104 Card with servo program kept in SSL lab with actual hardware connected.

PC104 card IP : 192.168.8.42

Online_v2 server IP : 192.168.8.45

############### SERVER WANTING FOR CLIENT CONNECTION #####
 ACCEPTED CONNECTION C00 Servo System 192.168.8.42
SERVO thread opened succesfully=> 0

C00 servo hold

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => hold
Command for C00 ANTENNA
ANTENNA C00 C00
System servo
OP NAME hold
********* hold
 ###### Element in Command Queue servo
we wrote on the socket 12 servo hold
ax B
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 12 22-Dec-2014 12:03:03 servo hold
ax B
 Size of Struct is ######## 1126
 Size of Response Struct is ######## 2192
SEQ number is 12
Timestamp is 22-Dec-2014 12:03:03
System name is servo
Response code is 1
Response type is 1

Command Received

Command Received

 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL

 Size of Response Struct is ######## 2192

SEQ number is 12

Timestamp is 22-Dec-2014 12:03:03

System name is servo

Response code is 2

Response type is 1

Servo Final Resp: Command SUCCESS

Servo Final Resp: Command SUCCESS

 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo track

 CMD[0] => C00

 CMD[1] => servo

 CMD[2] => track

Command for C00 ANTENNA

ANTENNA C00 C00

System servo

OP NAME track

********* track

 ###### Element in Command Queue servo

we wrote on the socket 11 servo track

ax B

time 15:30:00

ang1 180:00:00

ang2 19:00:00

 Size of Struct is ######## 1126

 INSERTING in Command Queue servo

 >> we wrote on the socket 11 22-Dec-2014 12:03:12 servo track

ax B

time 15:30:00

ang1 180:00:00

ang2 19:00:00

 Size of Struct is ######## 1126

 Size of Response Struct is ######## 2192

SEQ number is 11

Timestamp is 22-Dec-2014 12:03:12

System name is servo

Response code is 1
Response type is 1
Command Received
Command Received
 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
 Size of Response Struct is ######## 2192
SEQ number is 11
Timestamp is 22-Dec-2014 12:03:12
System name is servo
Response code is 2
Response type is 2
Servo Final Resp: Command IRREVELENT *// As elevation axis was not there*
Servo Final Resp: Command IRREVELENT
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo readanavar

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => readanavar
Command for C00 ANTENNA
ANTENNA C00 C00
System servo
OP NAME readanavar
readanavar
 ###### Element in Command Queue servo
we wrote on the socket 21 servo readanavar
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 21 22-Dec-2014 12:03:41 servo readanavar
 Size of Struct is ######## 1126
 Size of Response Struct is ######## 2192
SEQ number is 21
Timestamp is 22-Dec-2014 12:03:41
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
 Size of Response Struct is ######## 2192

SEQ number is 21
Timestamp is 22-Dec-2014 12:03:41
System name is servo
Response code is 4
Response type is 1
Servo Analog Data
time
14:59:00
az_motor1_current
+0001.2695
az_motor2_current
+0001.2695
az_tacho1
+0001.1484
az_tacho2
+0001.1484
el_motor1_current
+0001.2695
el_motor2_current
+0001.2695
el_tacho1
+0001.1484
el_tacho2
+0001.1484
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo readdigvar

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => readdigvar
Command for C00 ANTENNA
ANTENNA C00 C00
System servo
OP NAME readdigvar
readdigvar
 ###### Element in Command Queue servo
we wrote on the socket 22 servo readdigvar
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 22 22-Dec-2014 12:04:46 servo readdigvar

Size of Struct is ######## 1126
Size of Response Struct is ######## 2192
SEQ number is 22
Timestamp is 22-Dec-2014 12:04:46
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
Size of Response Struct is ######## 2192
SEQ number is 22
Timestamp is 22-Dec-2014 12:04:46
System name is servo
Response code is 4
Response type is 1
Servo Digital Status
time
15:00:05
az_run
1
az_aol
0
az_brk
0
az_ccp
0
az_ccf
0
az_cpl
0
az_cfl
0
az_cwr
1
az_enc
0
az_ac
1
el_run
1
el_aol

0
el_brk
0
el_dnp
1
el_dnf
1
el_upp
0
el_upf
0
el_std
0
el_str
1
el_stp
0
el_enc
0
el_ac
1
mode
REMOTE
w50
0
w80
0
pos

trk
TRACKING
slw

ssc
1
dc
0
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo abort

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => abort
Command for C00 ANTENNA
ANTENNA C00 C00
System servo
OP NAME abort
abort
 ###### Element in Command Queue servo
we wrote on the socket 18 servo abort
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 18 22-Dec-2014 12:05:40 servo abort
 Size of Struct is ######## 1126
 Size of Response Struct is ######## 2192
SEQ number is 18
Timestamp is 22-Dec-2014 12:05:40
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
 Size of Response Struct is ######## 2192
SEQ number is 18
Timestamp is 22-Dec-2014 12:05:40
System name is servo
Response code is 2
Response type is 2
Servo Final Resp: Command IRREVELENT
Servo Final Resp: Command IRREVELENT
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo position

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => position
Command for C00 ANTENNA

ANTENNA C00 C00
System servo
OP NAME position
********** position
 ###### Element in Command Queue servo
we wrote on the socket 13 servo position
ax B
ang1 90:00:00
ang2 45:00:00
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 13 22-Dec-2014 12:06:06 servo position
ax B
ang1 90:00:00
ang2 45:00:00
 Size of Struct is ######## 1126
 Size of Response Struct is ######## 2192
SEQ number is 13
Timestamp is 22-Dec-2014 12:06:06
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
 Size of Response Struct is ######## 2192
SEQ number is 13
Timestamp is 22-Dec-2014 12:06:06
System name is servo
Response code is 2
Response type is 2
Servo Final Resp: Command IRREVELENT
Servo Final Resp: Command IRREVELENT
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo readangles

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => readangles
Command for C00 ANTENNA

ANTENNA C00 C00
System servo
OP NAME readangles
readangles
 ###### Element in Command Queue servo
we wrote on the socket 20 servo readangles
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 20 22-Dec-2014 12:07:11 servo readangles
 Size of Struct is ######## 1126
 Size of Response Struct is ######## 2192
SEQ number is 20
Timestamp is 22-Dec-2014 12:07:11
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
 Size of Response Struct is ######## 2192
SEQ number is 20
Timestamp is 22-Dec-2014 12:07:11
System name is servo
Response code is 4
Response type is 1
Servo Angles Data
time
15:02:30
az_cp
+001:58:40
az_tp
+090:00:00
el_cp
-001:58:40
el_tp
-001:58:40
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo stop

CMD[0] => C00
CMD[1] => servo
CMD[2] => stop
Command for C00 ANTENNA
ANTENNA C00 C00
System servo
OP NAME stop
********** stop
Element in Command Queue servo
we wrote on the socket 14 servo stop
ax B
Size of Struct is ######## 1126
INSERTING in Command Queue servo

>> we wrote on the socket 14 22-Dec-2014 12:08:00 servo stop
ax B
Size of Struct is ######## 1126
Size of Response Struct is ######## 2192
SEQ number is 14
Timestamp is 22-Dec-2014 12:08:00
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
Size of Response Struct is ######## 2192
SEQ number is 14
Timestamp is 22-Dec-2014 12:08:00
System name is servo
Response code is 2
Response type is 2
Servo Final Resp: Command IRREVELENT
Servo Final Resp: Command IRREVELENT
Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo readantstatus

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => readantstatus
Command for C00 ANTENNA
ANTENNA C00 C00
System servo
OP NAME readantstatus
readantstatus
 ###### Element in Command Queue servo
we wrote on the socket 24 servo readantstatus
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 24 22-Dec-2014 12:08:29 servo readantstatus
 Size of Struct is ######## 1126
 Size of Response Struct is ######## 2192
SEQ number is 24
Timestamp is 22-Dec-2014 12:08:29
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
 Size of Response Struct is ######## 2192
SEQ number is 24
Timestamp is 22-Dec-2014 12:08:29
System name is servo
Response code is 4
Response type is 1
Servo Anatenna State
time
15:03:48
az_state
StwRlsBkd
el_state
StwRlsBkd
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL

C00 servo readversion

 CMD[0] => C00
 CMD[1] => servo
 CMD[2] => readversion
Command for C00 ANTENNA
ANTENNA C00 C00
System servo
OP NAME readversion
readversion
 ###### Element in Command Queue servo
we wrote on the socket 25 servo readversion
 Size of Struct is ######## 1126
 INSERTING in Command Queue servo

 >> we wrote on the socket 25 22-Dec-2014 12:09:54 servo readversion
 Size of Struct is ######## 1126
 Size of Response Struct is ######## 2192
SEQ number is 25
Timestamp is 22-Dec-2014 12:09:54
System name is servo
Response code is 1
Response type is 1
Command Received
Command Received
 Writing IMMEDIATE to ONLINE from SERVO THREAD SUCCESSFUL
 Size of Response Struct is ######## 2192
SEQ number is 25
Timestamp is 22-Dec-2014 12:09:54
System name is servo
Response code is 4
Response type is 1
Servo Software Version
time
15:05:13
Version
2.6
Station Number
C10
 Writing FINAL RESPONSE to ONLINE from SERVO THREAD SUCCESSFUL