

html plugin Error : このプラグインを使うにはこのページの編集権限を「管理者のみ」に設定してください。に使っているプログラムのサンプルです。

あくまでサンプルです。使用改変は自由ですが、動かない、ソースが汚いなどの苦情は
>nulへ。

```
'RC PROPO CONTROL PROGRAM BY SHING FOR RD6000
' 2006.1.14 VER 6.1
```

```
' Ver 6.1 User motion added.
' Ver 5.1 GWS PG-03 added. Gravity sencor added. Serial communication terminal added.
' Ver 4.1 KRG gyro command test
' Ver 3.3 New Gyro test
' Ver 3 Gyro added
' Ver 2 CONTOROL CODE MODIFIED.
,
```

```
'RD6000 DATA
'1ch: L-UD(U+), 2ch R-LR(L+), 3ch R-UD(U+), 4ch L-LR(L+)
'CENTER :0
'UP :1
'DOWN :2
'LEFT :3
'RIGHT :4
'LEFT-UP :5
'RIGHT-UP :6
'LEFT-DOWN :7
'RIGHT-DOWN :8
'RSV :9
```

```
'##DEF INPUT RC_CH
DIM RCH1 AS BYTE
DIM RCH2 AS BYTE
DIM RCH3 AS BYTE
DIM RCH4 AS BYTE
```

```
'##DEF JUMP VARIABLE
DIM STICKPOS AS BYTE
DIM LSTICK AS BYTE
DIM RSTICK AS BYTE
DIM A16 AS BYTE
DIM A26 AS BYTE
```

```
'##DEF WAIT TIME
CONST WAITTIME = 10
```

```
'##DEF THURESHOLD VALUE
'1ch: L-UD(U+), 2ch R-LR(R+), 3ch R-UD(U+), 4ch L-LR(L+)
CONST RCH1MIN = 40
CONST RCH1MAX = 140
CONST RCH2MIN = 40
CONST RCH2MAX = 140
CONST RCH3MIN = 40
CONST RCH3MAX = 140
```

```
CONST RCH4MIN = 40
CONST RCH4MAX = 140
```

```
'##DEF VALUE STICK POS.
```

```
CONST TOP = 100
CONST DOWN = 0
CONST LEFT = 0
CONST RIGHT = 100
CONST CENTER = 50
```

```
'##DEF GYRO
```

```
'For GWS Gyro
GYROSET G6A, 0, 1, 1, 1, 0, 0
GYROSET G6D, 0, 1, 1, 1, 0, 0
```

```
GYRODIR G6A, 0, 1, 1, 1, 0, 0
GYRODIR G6D, 0, 1, 1, 1, 0, 0
```

```
GYROSENSE G6A, 0, 100, 100, 100, 0, 0
GYROSENSE G6D, 0, 100, 100, 100, 0, 0
```

```
'=====
```

```
'--- AUTO MAIN ---
```

```
STICKPOS = 0
PTP SETON
PTP ALLON
```

```
'== motor diretion setting
```

```
DIR G6A,1,0,0,1,0,0
DIR G6B,1,1,1,1,1,1
DIR G6C,0,0,0,0,0,0
DIR G6D,0,1,1,0,1,0
```

```
'== motor start position read
```

```
GETMOTORSET G24,1,1,1,1,1,0,1,1,1,0,0,0,1,1,1,0,0,0,1,1,1,1,1,0
TEMPO 230
MUSIC "CDE"
DELAY 2000
```

```
'== motor power on
```

```
SPEED 5
MOTOR G24
GOSUB standard_pose
```

```
'=====
```

```
'--- MAIN ROUTINE ---
```

```
MAIN:
DELAY WAITTIME
```

```
GOSUB RCDATAALC
GOSUB CALCSTICKPOS
```

```
IF LSTICK = 0 AND RSTICK = 0 THEN
    GOTO MAIN
ELSEIF RSTICK = 0 THEN
    STICKPOS = LSTICK
ELSEIF RSTICK = 1 THEN
```

```

        STICKPOS = LSTICK + 10
    ELSEIF RSTICK = 2 THEN
        STICKPOS = LSTICK + 20
    ELSEIF LSTICK = 0 THEN
        STICKPOS = RSTICK + 30
ENDIF

'---DECIDE MOTION ---
MUSIC "C"
ON STICKPOS GOTO K0,K1,K2,K3,K4,K5,K6,K7,K8,K9,K10,K11,K12,K13,K14,K15,K16,K17,K18,K19,K20,K
GOTO MAIN

'---MAIN ROUTINE EXIT ---
MAIN_EXIT:

STICKPOS = 0
GOTO MAIN

'=====
'--- GET STICK POSITION ---
RCDATAALC:

RCH1 = RCIN (0)
RCH2 = RCIN (1)
RCH3 = RCIN (2)
RCH4 = RCIN (3)

'##INPUT VALUE DEPEND ON STICK POSITION
IF RCH1 < RCH1MIN THEN
    RCH1 = DOWN
    ELSEIF RCH1 > RCH1MAX THEN
        RCH1 = TOP
    ELSE
        RCH1 = CENTER
ENDIF

IF RCH2 < RCH2MIN THEN
    RCH2 = RIGHT
    ELSEIF RCH2 > RCH2MAX THEN
        RCH2 = LEFT
    ELSE
        RCH2 = CENTER
ENDIF

IF RCH3 < RCH3MIN THEN
    RCH3 = DOWN
    ELSEIF RCH3 > RCH3MAX THEN
        RCH3 = TOP
    ELSE
        RCH3 = CENTER
ENDIF

IF RCH4 < RCH4MIN THEN
    RCH4 = RIGHT
    ELSEIF RCH4 > RCH4MAX THEN
        RCH4 = LEFT

```

```

ELSE
    RCH4 = CENTER
ENDIF
RETURN

'=====
'--- CALCULATE STICKPOSITION ---
CALCSTICKPOS:
IF RCH1 = CENTER AND RCH4 = CENTER THEN
    LSTICK = 0
ELSEIF RCH1 = CENTER AND RCH4 = LEFT THEN
    LSTICK = 3
ELSEIF RCH1 = CENTER AND RCH4 = RIGHT THEN
    LSTICK = 4
ELSEIF RCH1 = TOP AND RCH4 = CENTER THEN
    LSTICK = 1
ELSEIF RCH1 = TOP AND RCH4 = LEFT THEN
    LSTICK = 5
ELSEIF RCH1 = TOP AND RCH4 = RIGHT THEN
    LSTICK = 6
ELSEIF RCH1 = DOWN AND RCH4 = CENTER THEN
    LSTICK = 2
ELSEIF RCH1 = DOWN AND RCH4 = LEFT THEN
    LSTICK = 7
ELSEIF RCH1 = DOWN AND RCH4 = RIGHT THEN
    LSTICK = 8
ENDIF

IF RCH3 = DOWN AND RCH2 = CENTER THEN
    RSTICK = 2
ELSEIF RCH3 = DOWN AND RCH2 = LEFT THEN
    RSTICK = 7
ELSEIF RCH3 = DOWN AND RCH2 = RIGHT THEN
    RSTICK= 8
ELSEIF RCH3 = TOP AND RCH2 = CENTER THEN
    RSTICK = 1
ELSEIF RCH3 = TOP AND RCH2 = LEFT THEN
    RSTICK = 5
ELSEIF RCH3 = TOP AND RCH2 = RIGHT THEN
    RSTICK = 6
ELSEIF RCH3 = CENTER AND RCH2 = LEFT THEN
    RSTICK = 3
ELSEIF RCH3 = CENTER AND RCH2 = RIGHT THEN
    RSTICK = 4
ELSEIF RCH3 = CENTER AND RCH2 = CENTER THEN
    RSTICK = 0
ENDIF
RETURN

```

名前:

コメント:

