



Balance Bot Demo Mma7455 Accelerometer

Here's a video of a balance bot concept with two wheels.

```
[youtube]https://www.youtube.com/watch?v=nISuLim4YgM[/youtube] [code] $n=0
$D0Pos=GetServo(D0) $D1Pos=GetServo(D1) ServoSpeed(d1,0) $posA=50
$posB=50 :Top $n=$n+1 #print("MMAx=$mmAX MMAY=$MMAY MMAZ=$MMAZ
n=$n") if ($mmay` >116) $posa=$PosA+2 servo(D1,$posA) #sleep(200)
$posb=$posb-2 servo(D0,$posB) #sleep(200) endif #sleep(200) release(D0)
release(D1) goto(Top) [/code] [img]http://malibuwaves.us/MMA7455-
Working.JPG[/img] Best, Bill
```

Last Updated: 7/13/2013

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[Click To Watch Video](#)

Code :

```
$n=0
$D0Pos=GetServo(D0)
$D1Pos=GetServo(D1)
ServoSpeed(d1,0)
$posa=50
$posb=50
:Top

$n=$n+1
#print ("MMAx=$mmAX  MMAY=$MMAY  MMAZ=$MMAZ  n=$n")

if ($mmay`>116)
$posa=$PosA+2
servo(D1,$posa)
#sleep(200)
$posb=$posb-2
servo(D0,$posB)
#sleep(200)
endif
#sleep(200)
release(D0)
release(D1)

goto(Top)
```



Best,

Bill