

Useful Code Blocks

Servo movement only turns between 0 and 90 degrees

You can't use negative numbers

Servos can be plugged into A, B, C or D

0-90 are not fixed positions

0 is wherever the arm is when the program starts

If there are no wait blocks between servo commands the servo doesn't have enough time to carry out the movement

wait 100 milliseconds

wait 1.0 seconds

servo A 0 degrees

servo B 90 degrees

servo C 40 degrees

servo D 20 degrees

Wiring

Computer USB

Batteries must be switched on

Can be connected to A, B, C or D

More Information

This sample program would move a servo attached to A from the 0 start position to the 90 degree position and then stop

Servo Arm

```

program start
servo A 0 degrees
wait 1.0 seconds
servo A 90 degrees
wait 1.0 seconds
  
```

Servo motors come with different length servo arms which can be easily pushed onto the end of the motor drive.

The spare set of power connections can be used to power other inputs or outputs

Crumble Playground Servo / Stepper Motor

MC13

