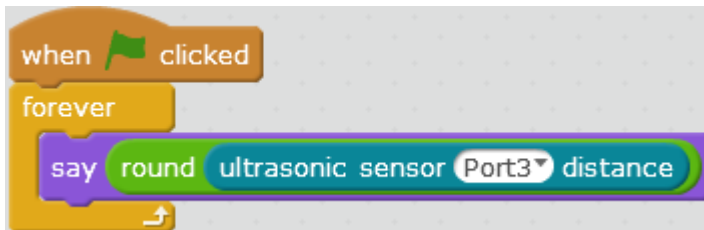


Value of the ultrasonic sensor

Hardware requirements: mBot

Implementation: Upload the program to Arduino

Example programs



Script description


Please refer to Example 11 Value of the light sensor.

Knowledge point

Point 1 Ultrasonic sensor introduction

An ultrasonic sensor is like the eyes of mBot, which can let mBot know the distance from an object in front. The ultrasonic sensor measures in cm with preciseness to 1cm and maximum measurable distance to 400cm.

Point 2 Why use block

To make the value spoken out by the panda easier to read. Here we use  block to show the value. If we do not use the block, you will find the reads on the stage unstable.

Attached-ultrasonic sensor element diagram



Related resources

Download: [Value of the ultrasonic sensor.sb2](http://www.mblock.cc/example/value-of-the-ultrasonic-sensor/sb2)

Origin: <http://www.mblock.cc/example/value-of-the-ultrasonic-sensor/>