

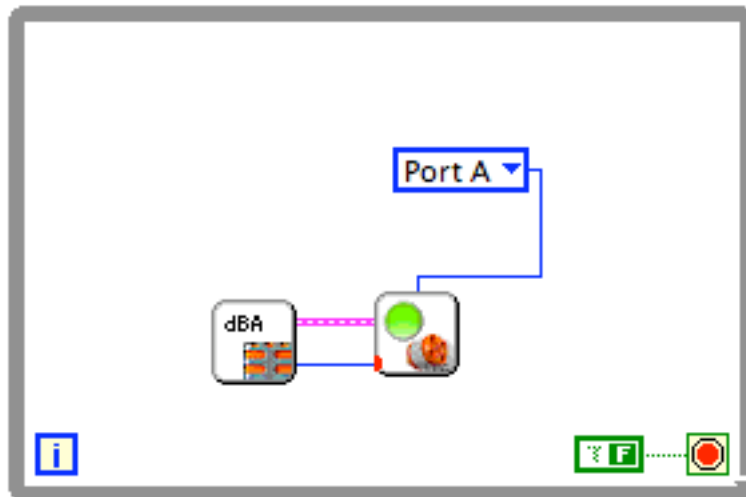
## Applause Meter

Build an applause meter with a piece that spins slowly when the applause is muted, then picks up speed as the applause increases. You may design the spinning part of your meter to be as fancy as you wish.

To program your applause meter, you will need to use the value from the sound sensor to control the motor speed by wiring the sensor value to the power level of the motor.



You want your program to keep checking the sound level and adjusting the motor speed accordingly. To accomplish this, enclose the sensor and motor icons in a while loop. Setting the stop condition in the lower right corner to false will make the loop run forever.



To try your applause meter, plug the motor into port A and the sound sensor into port 2. Download and run the program.

## Applause Meter Extra

Turn your applause meter into a car that you can make go faster by yelling at it.