ARDUINO

Arduino on Artik (libArduino)
Maker Faire Rome 2016

Press the capacitive button to start

(also the demo launcher is a sketch)

Demo 2 - LED follower

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The easiest automation in the world: dimming an LED to follow the readings of a light sensor (like your smartphone's automatic backlight adjustment)

One line effort required


```
LED_follower

File Edit Sketch Tools Help

LED_follower

1 void setup() {
2   // put your setup code here, to run once:
3 }
4
5 void loop() {
6   // put your main code here, to run repeatedly:
7   analogWrite(6, map(analogRead(A1), 0, 4096, 0, 100));
8   delay(100);
9 }

Done uploading.

Invalid library found in /ssd/Arduino-master/build/linux/work/librar
Invalid library found in /ssd/Arduino-master/build/linux/work/librar
Invalid library found in /ssd/Arduino-master/build/linux/work/librar
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Invalid library found in /ssd/Arduino-master/build/linux/work/librar
```
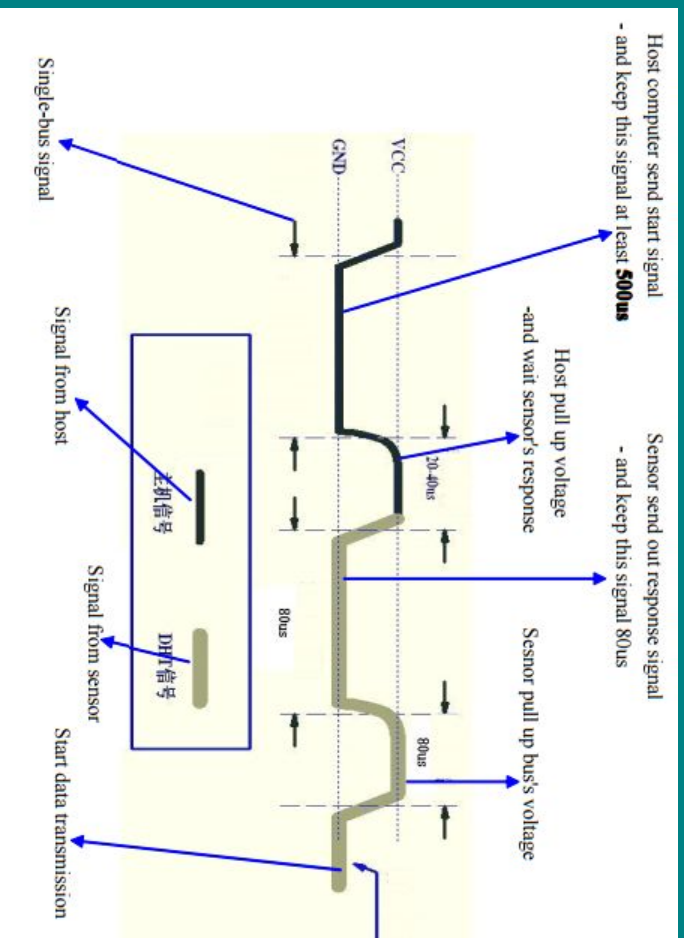
ARDUINO

LED_follower | Arduino 1.6.9

Demo 3 - DHT sensor
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Very popular between Makers

Cheap, only one data wire

Protocol is very time sensible

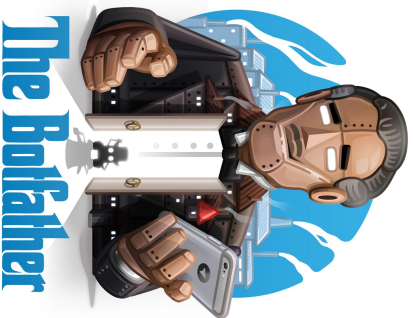libArduino works just fine with standard Adafruit library

Demo 4 - TelegramBot

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Telegram is becoming very popular thanks to its unique features (who said bots?)

Chat with @ArtikBot and discover the integration with Linux processes and RGB LCD display

Easter egg included :)

Demo 5 - M2M* IoT sample

*really M2C2M

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At Arduino we love making technologies easier, so we created cloud.arduino.cc to let you deploy your IoT project in a matter of seconds

Did you build a demo with a cloud-aware servo controlled by a cloud-aware knob and decide that it's more effective if you swap the boards? (hint, I did) Open the same sketches, change board target, press "upload" twice and voilà!