



OPEN SOURCE: STRUMENTO DI CITTADINANZA ATTIVA

OPEN SOURCE AS SMART CITIZENSHIP ENABLER

progetto
“Che aria tira a Pordenone”







Popularity

Head

Long Tail

Products

PRODUCER



CONSUMER



PROSUMER



fai

DA
TE

IL MENSILE CHE VI
AIUTA CON 1000
UTILI IDEE AD
IMPIEGARE PIACEVOL
MENTE IL VOSTRO
TEMPO LIBERO

ANNO 2 - N. 11 NOVEMBRE 1974

SPED. ABB. POSTALE GR. III/70 L. 500



■ IN ANTEPRIMA:

LA PROVA DI CONCORSO PER
APPLICAZIONI TECNICHE

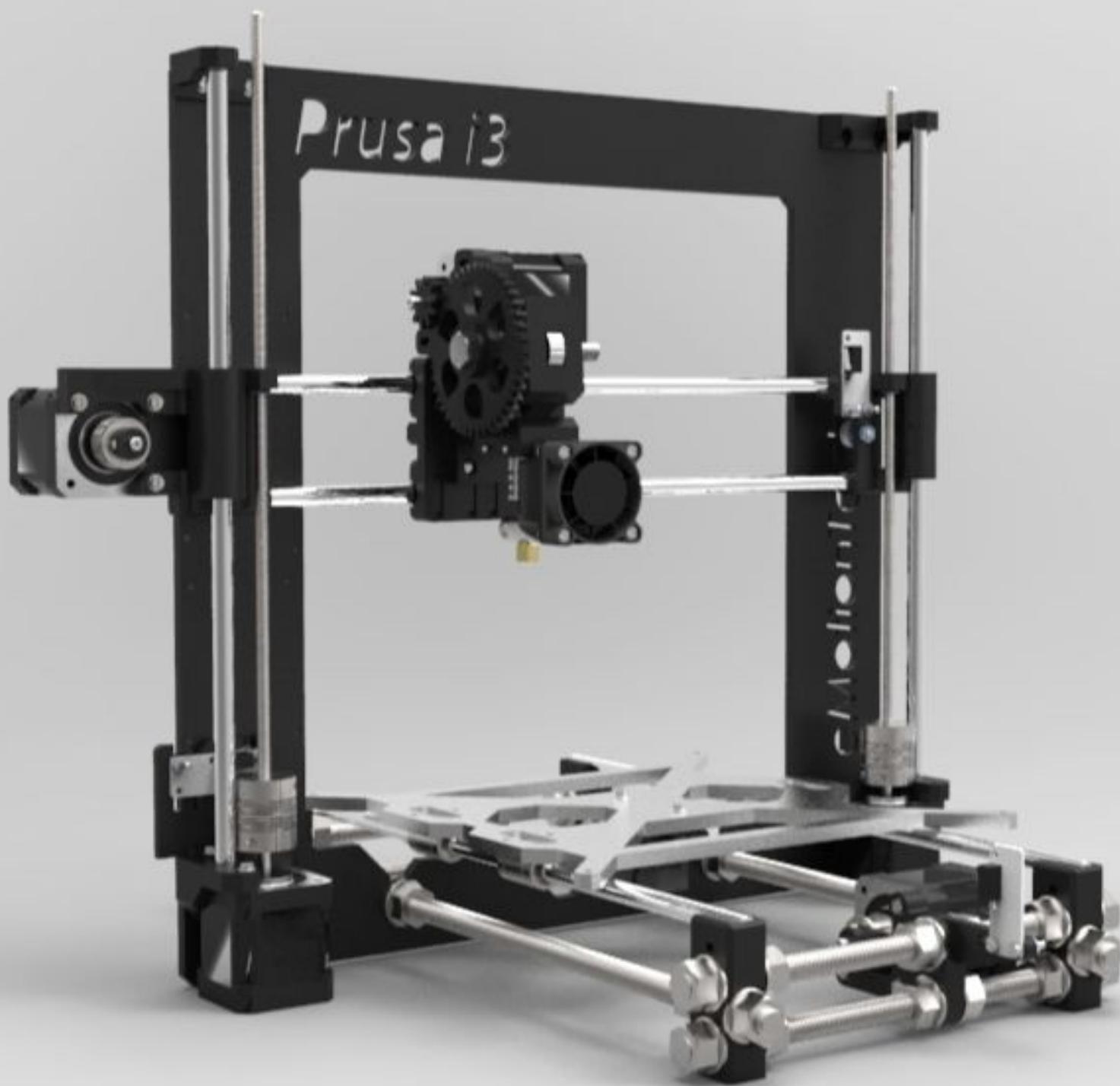


RISPARMIAMO CALORE



SERIE
REGALO
N. 3
"Scotch Mount,"

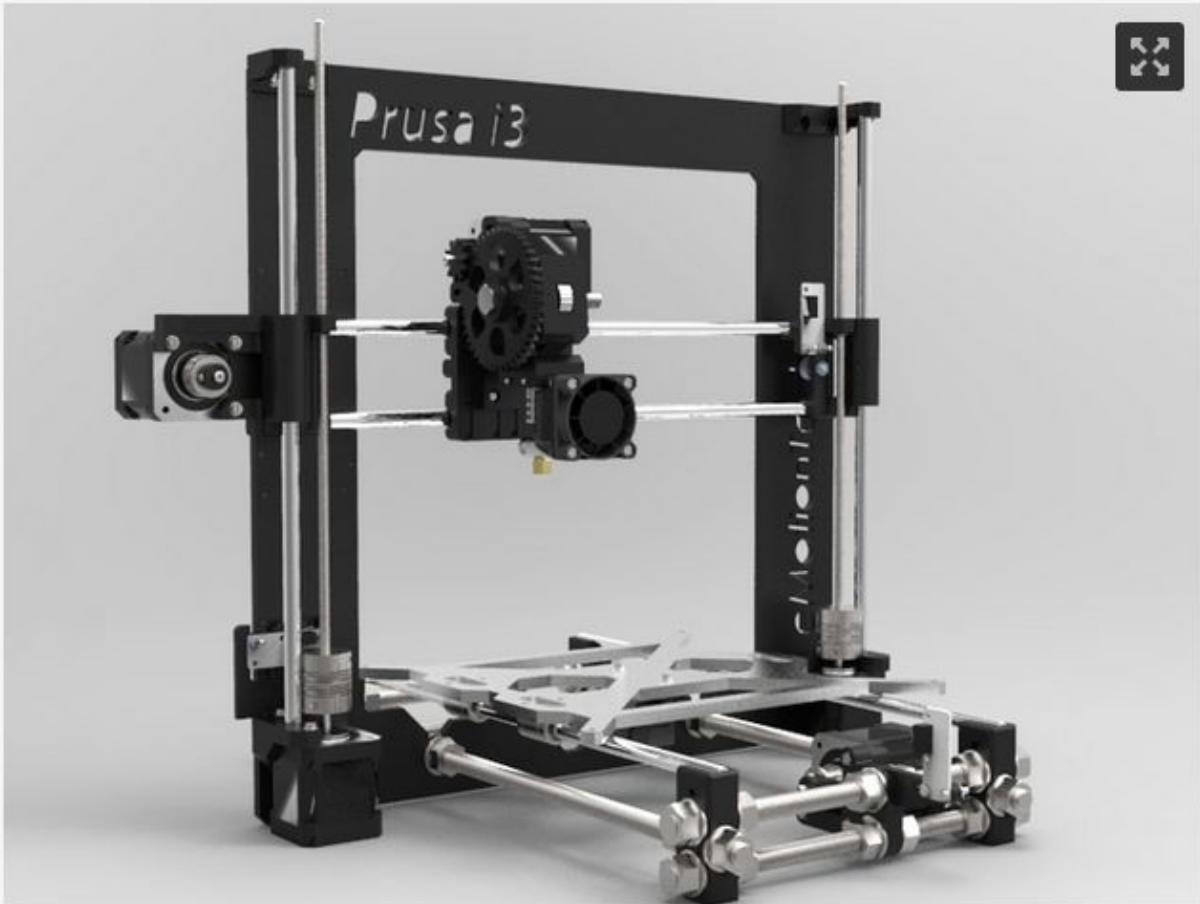






Prusa i3 Rework

by eMotion-Tech, published Jul 26, 2013



Like

924

Collect

1295

Comment

91

I Made One

27

Watch

105

Remix It

40

Share



Download This Thing!



Thing Info



Instructions



Thing Files



Comments



27



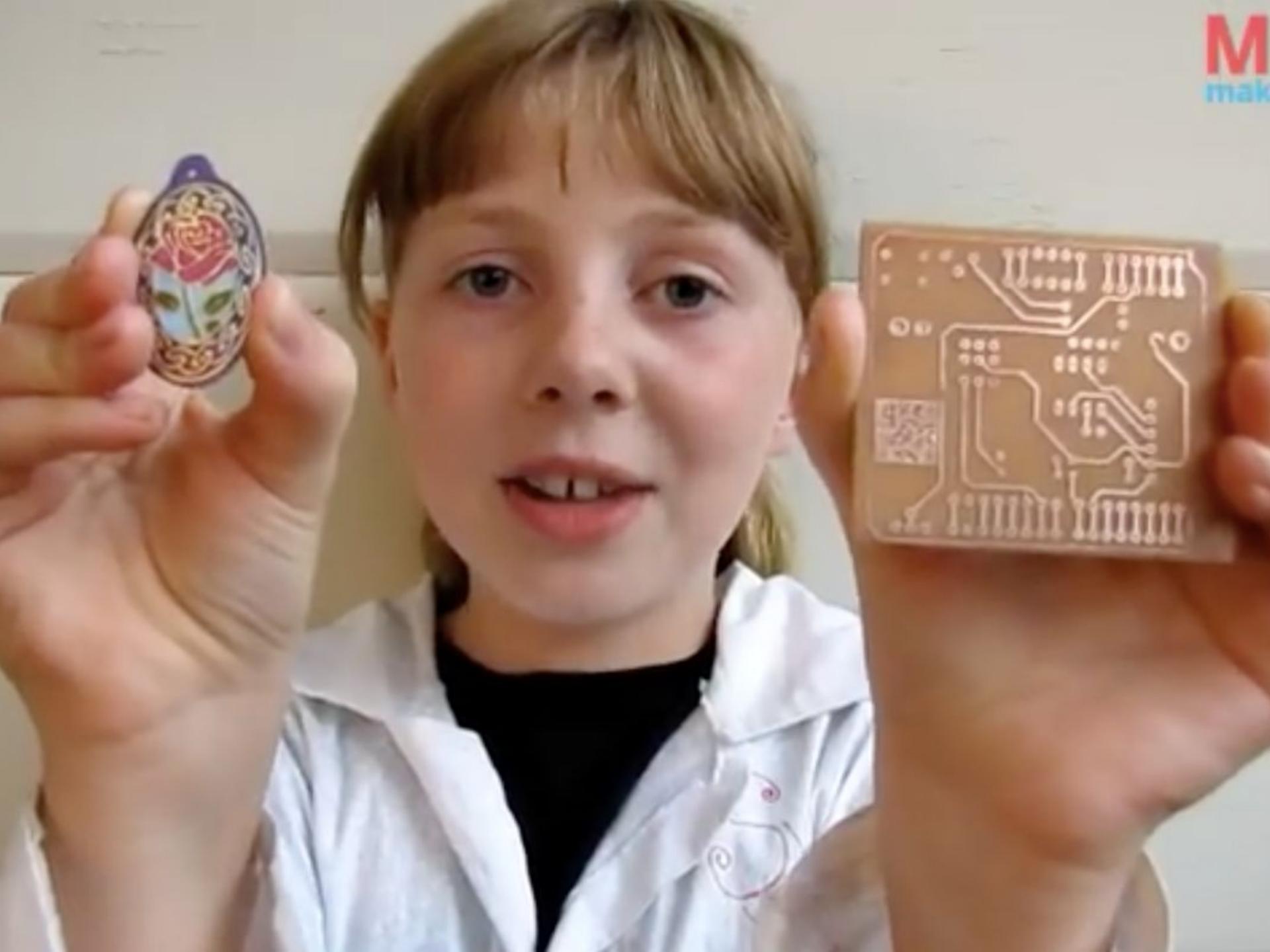
1295
Collections



40
Remixes









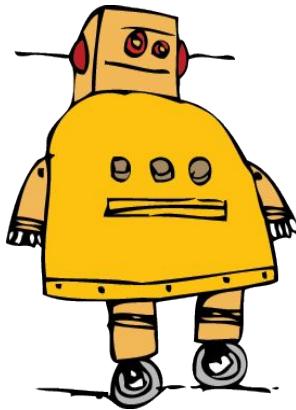
open source



FORUM

Site Statistics

	Last 24 hours	Last 7 days	Last 30 days	All Time
Topics	114	706	2.9k	758k
Posts	1.7k	11.8k	45.0k	6.7M
Users	171	1.2k	4.3k	1.2M
Active Users	1.8k	5.3k	11.4k	—
Likes	151	1.0k	3.8k	73.8k
Chat Messages	0	0	0	0



instructables



All Circuits Workshop Craft Cooking Living Outside Teachers

Winners

2.3K results

Tinkercad Fusion 360 Sort: Newest



LED Pong by exposedwire

Second Prize 36 2K



SparkBots! Arduino for Kids by kate173

Second Prize 1 289



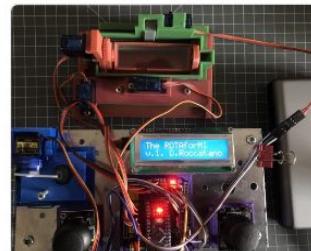
Build The UV Budgie Today!
Build a UV Level Monitoring Budgie - Using IoT and Weather Data APIs by Hey Jude

First Prize 47 4.1K



Arduino Thin Client by 陳亮

Runner Up 55 10K



The ROTAFORMI: a Robotic TABLE for Microscopy by DaniloR29

Runner Up 16 1.9K



How to Make a Neopixel Rainbow



IoT AI-driven Poultry Feeder and Egg Tracker



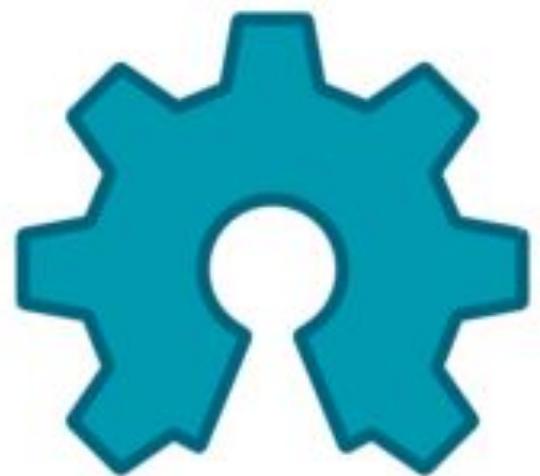
Hexagonal LED Display by



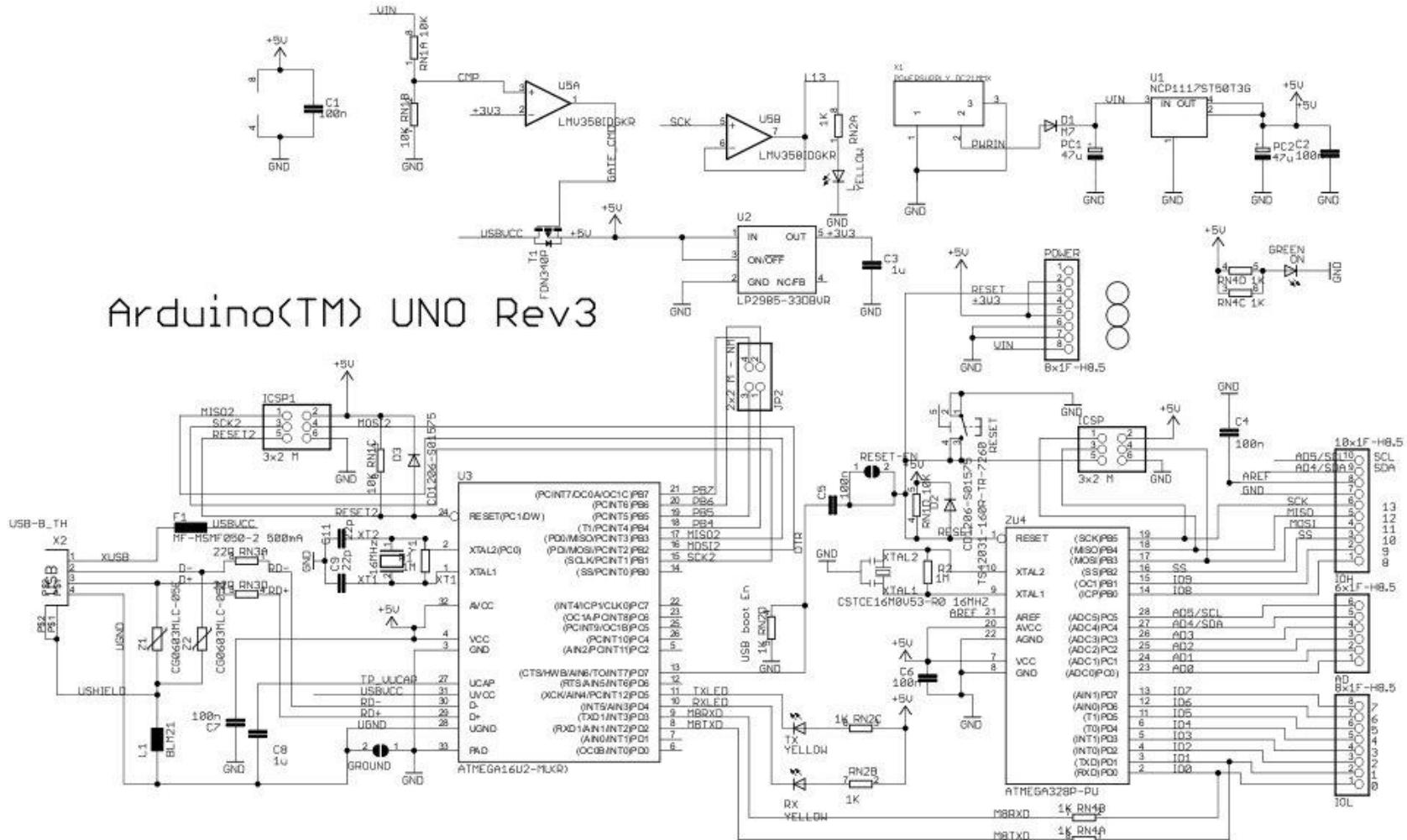
Automated 25mm Slide Digitizer by



A Arduino PR2040 Standalone IoT



open source
hardware



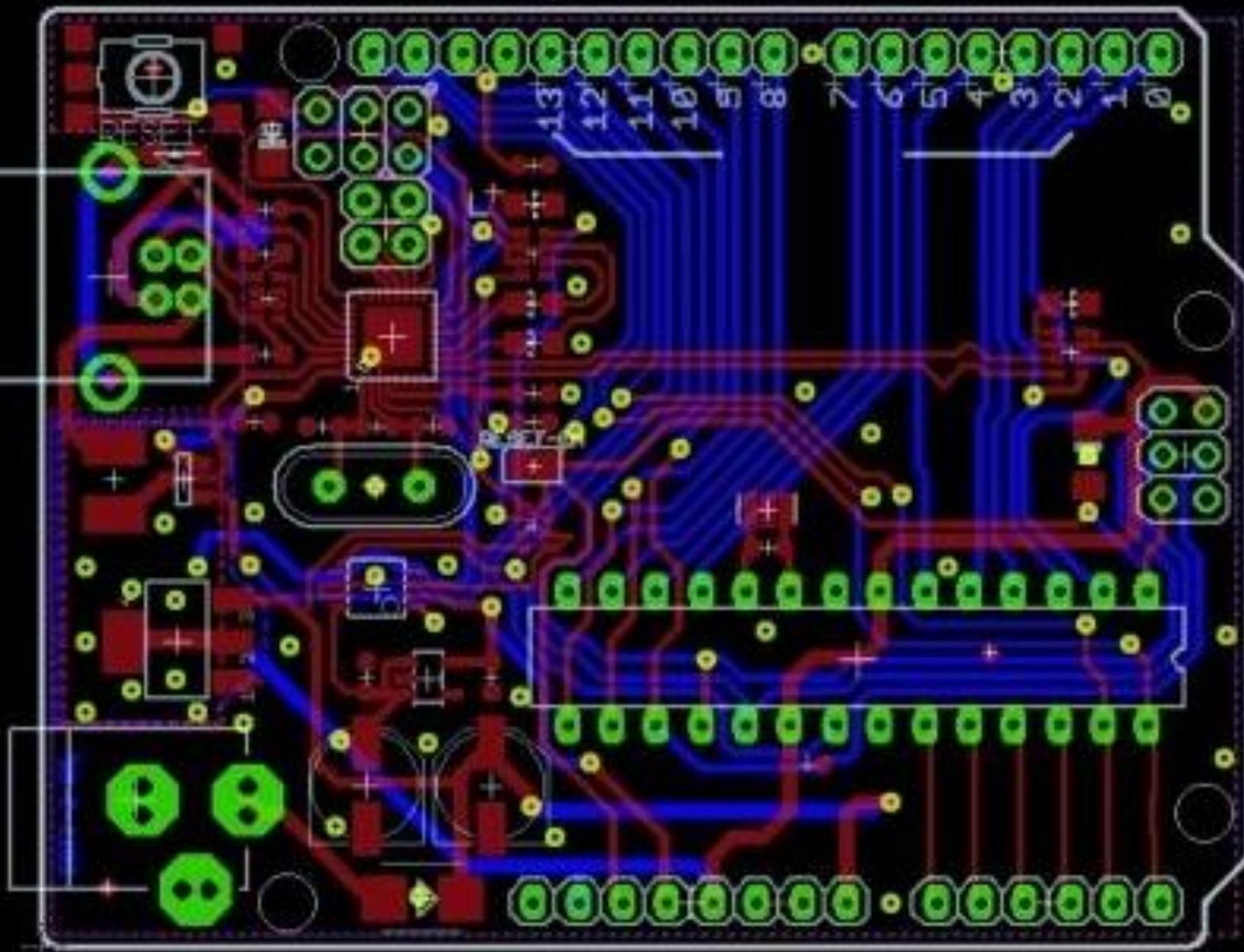
Arduino(TM) UNO Rev3

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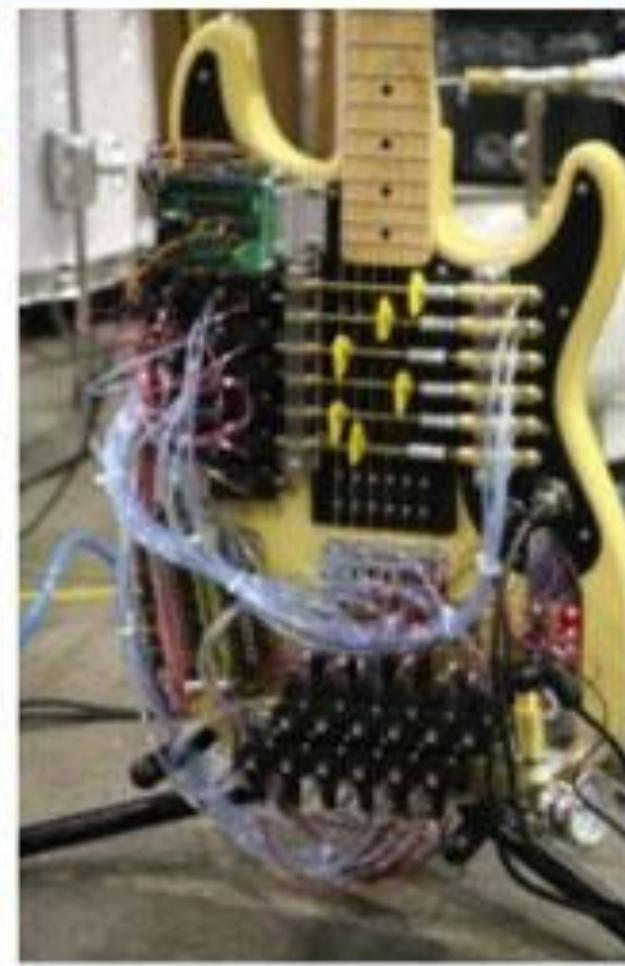
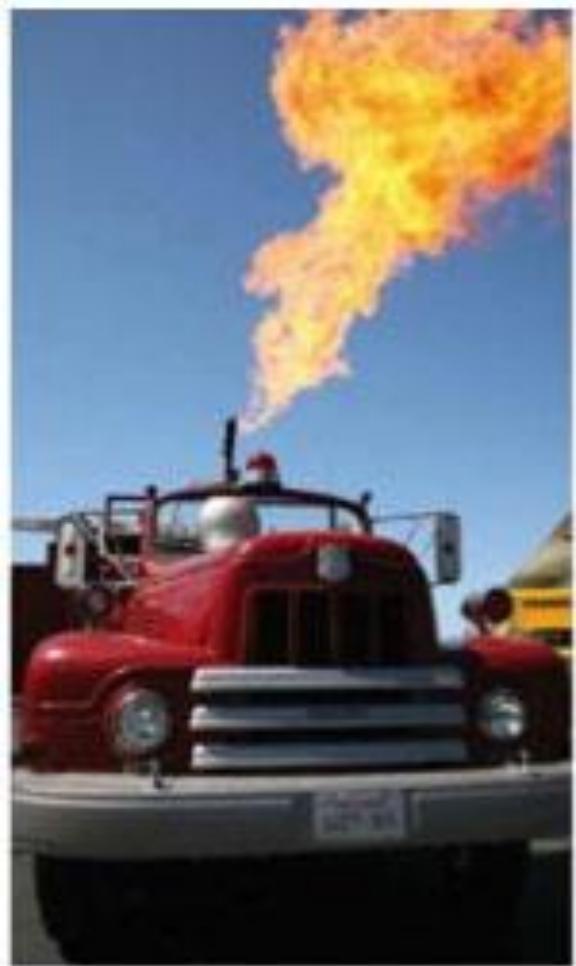
ARDUINO is a registered trademark.

Use of the ARDUINO name must be compliant with <http://www.arduino.cc/en/Main/Policy>

MADE IN ITALY

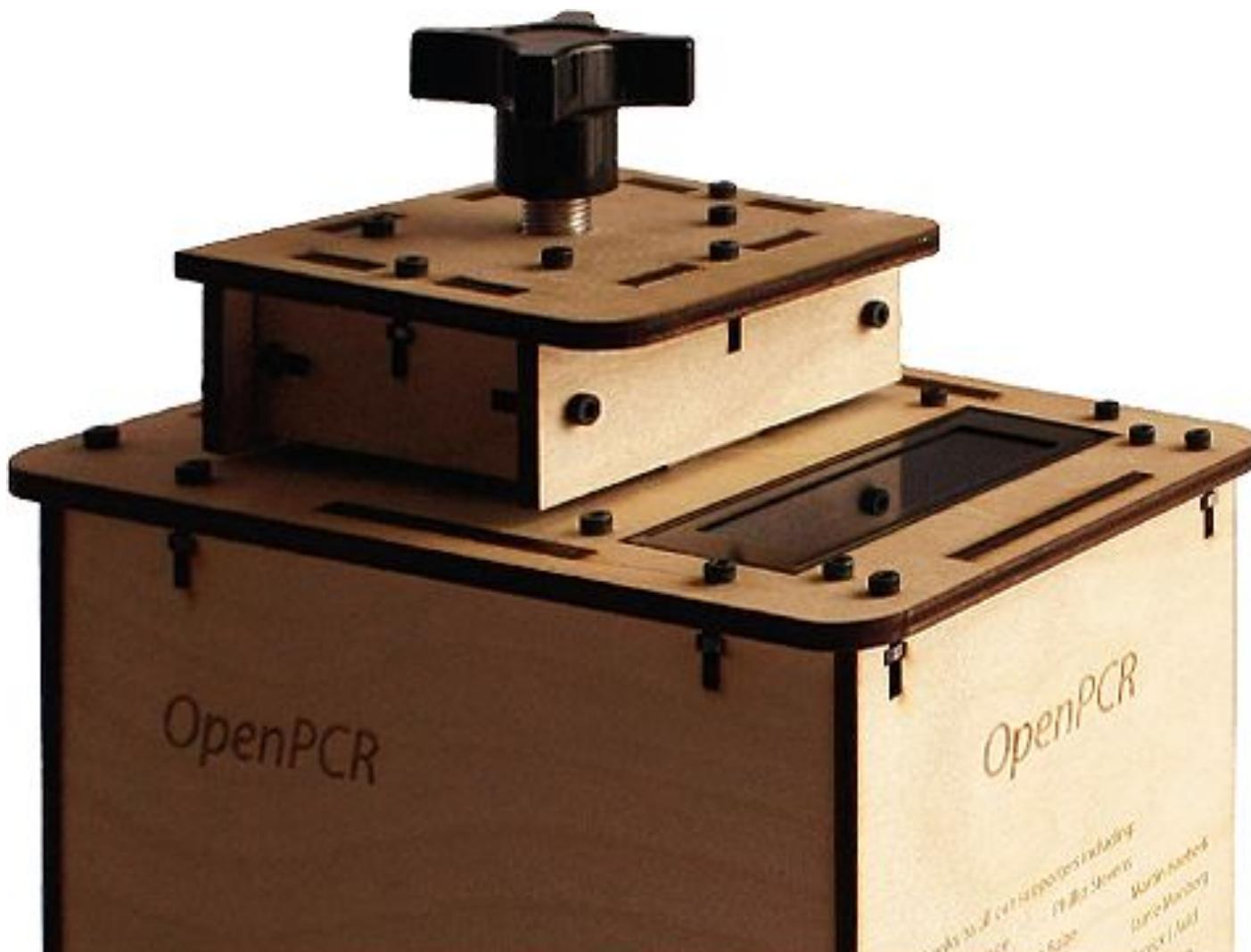


Maker Faire®



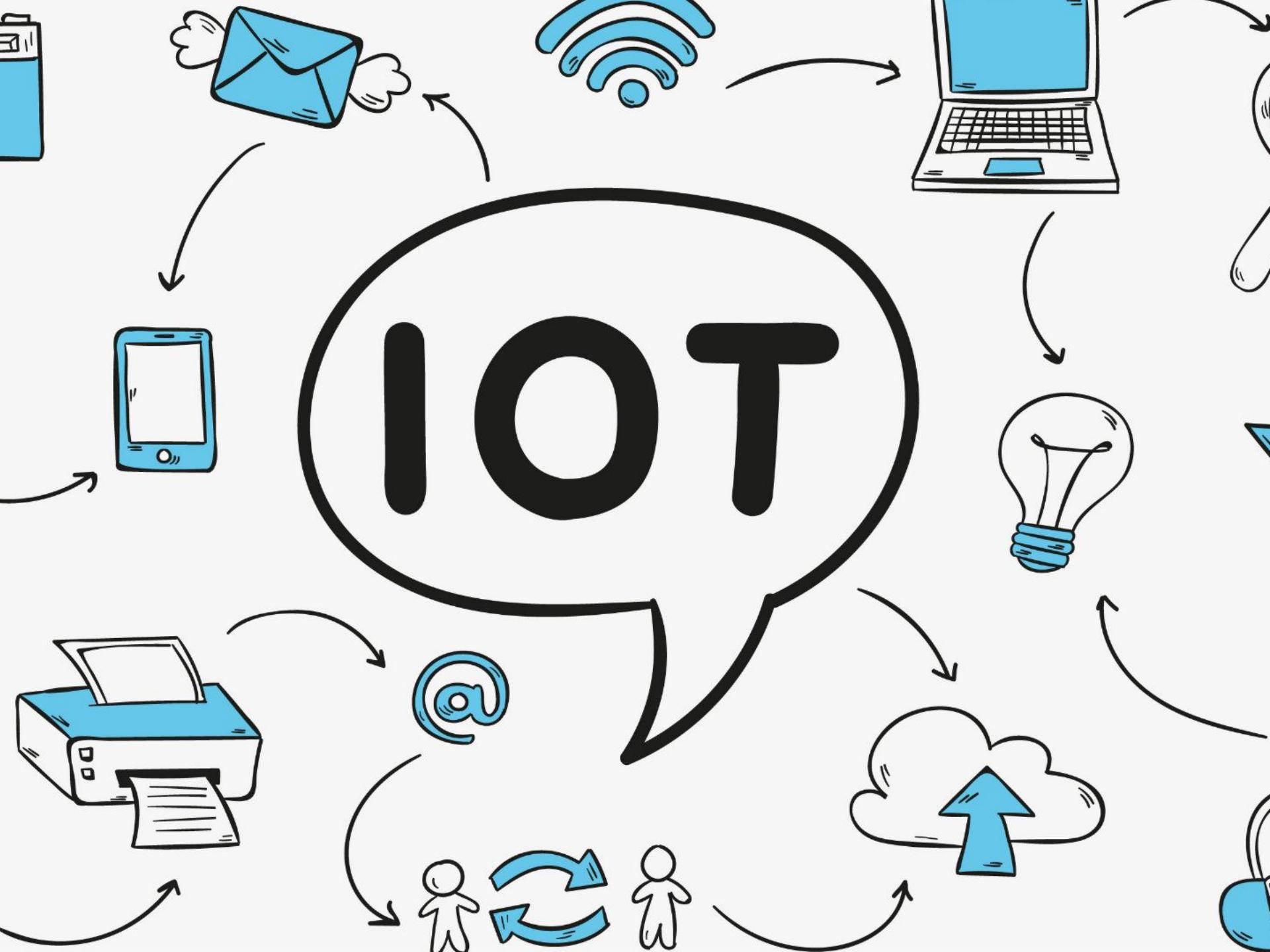


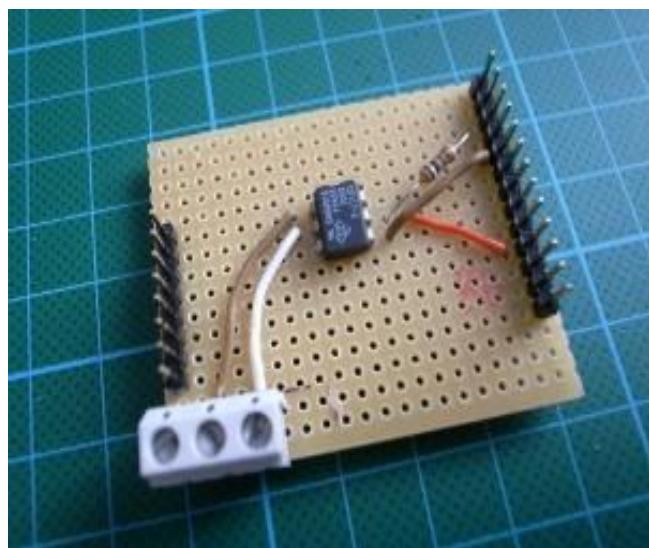
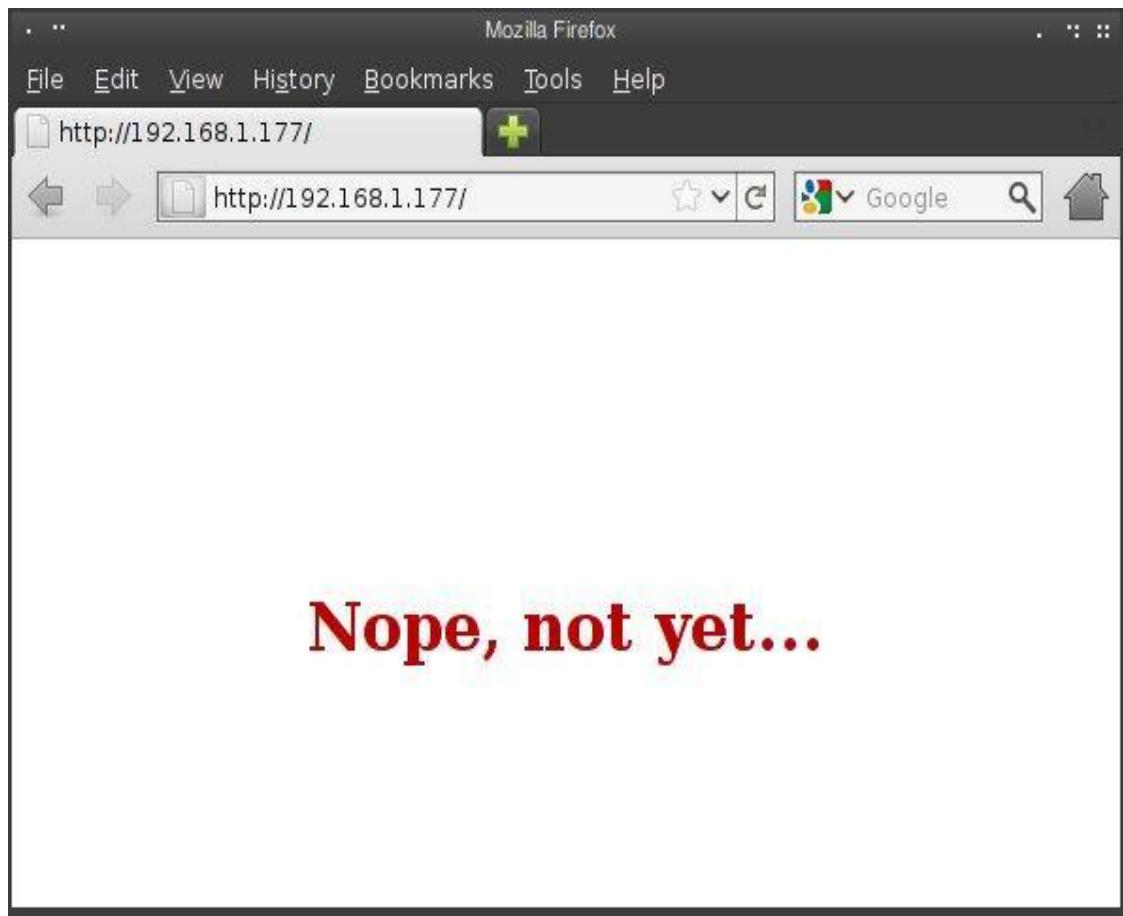
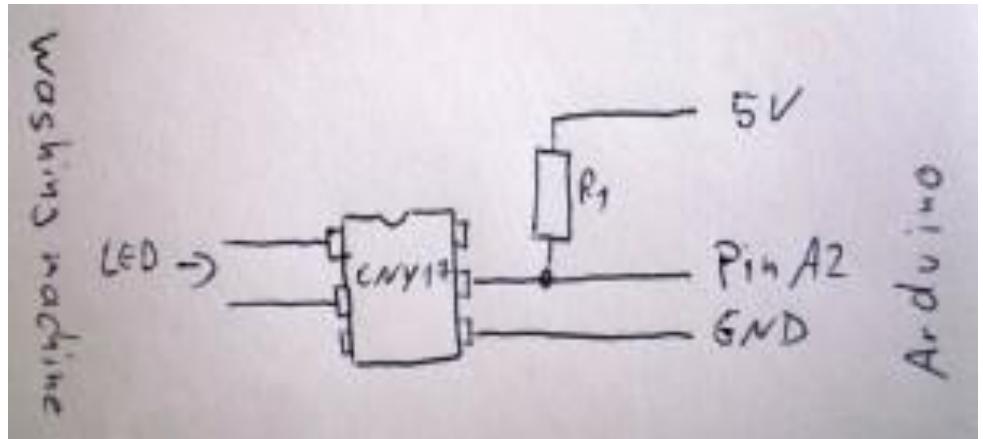




OpenPCR
is a community supported project

including:
Phillip Morris
Markus Kuhn
Eric Hunter
David Hsu







URGENT! Water me!

5:40 PM Apr 23rd from web



pothos





[Home](#) [Profile](#) [Find People](#) [Settings](#) [Help](#) [Sign out](#)

I kicked Mommy at 02:05AM on Tue,
Dec 9, '08!

11:06 PM Dec 8th from web



kickbee





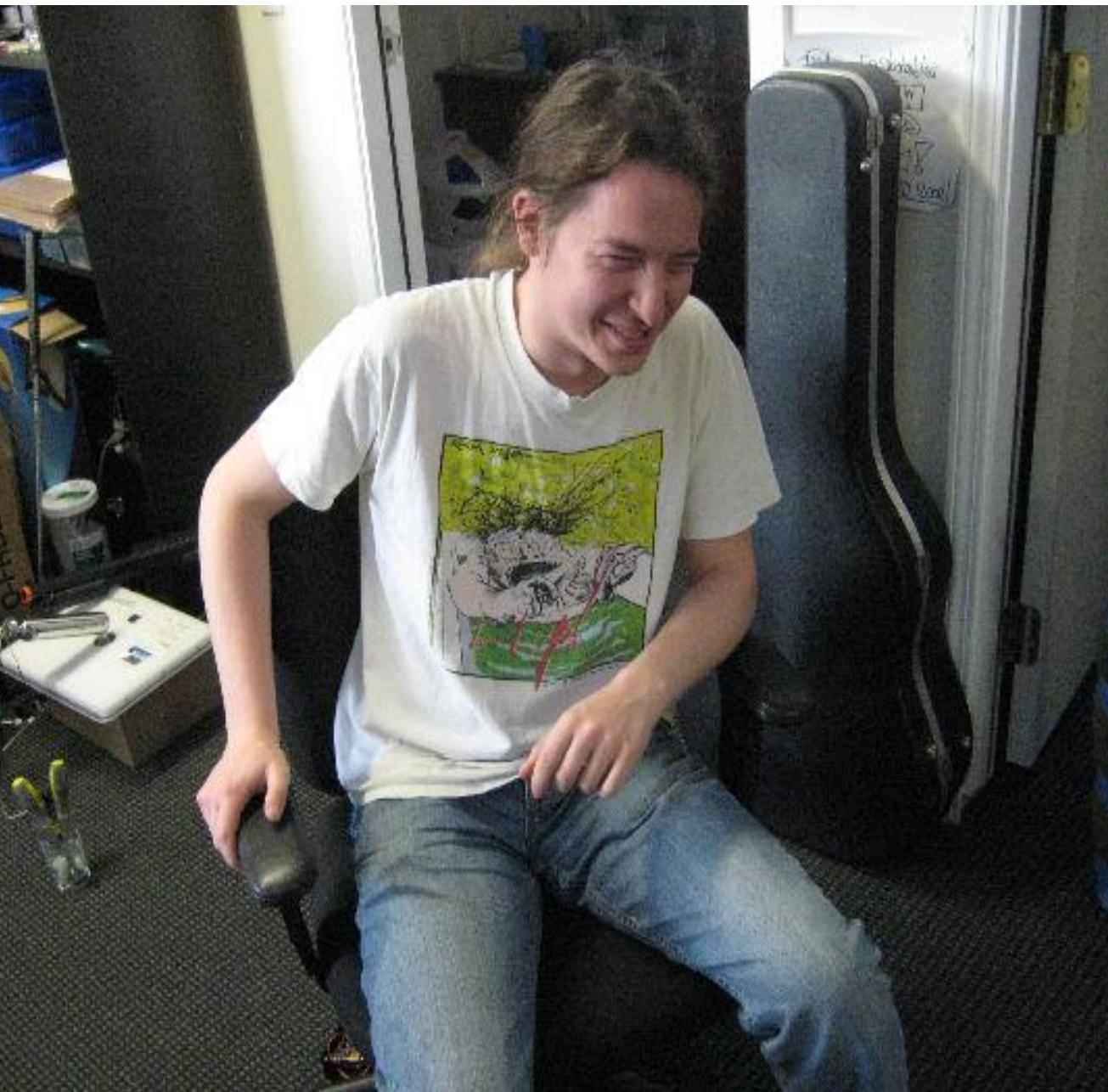
@AlarmaSismos

Alarma de sismos

Possible sismo durante los próximos segundos en Santiago. (20:26:38)

15 Jul via Alarma Sismos ☆ Favorite ↗ Retweet ↩ Reply

Retweeted by paulomunozrojas and 100+ others



OfficeChair

Ugh. That was a gross one

about 13 hours ago from web

Someone please disassemble me

about 16 hours ago from web

I wish I were some other chair

about 16 hours ago from web

He farted right on me again

about 18 hours ago from web

allow me to repeat... pppppppppppffffftttttttttt

about 19 hours ago from web

Ugh. That was a gross one

about 19 hours ago from web

It wasn't always like this.

about 19 hours ago from web

Someone please disassemble me

about 20 hours ago from web

Pffffffffff

2:45 PM Apr 13th from web

Didn't hear that coming

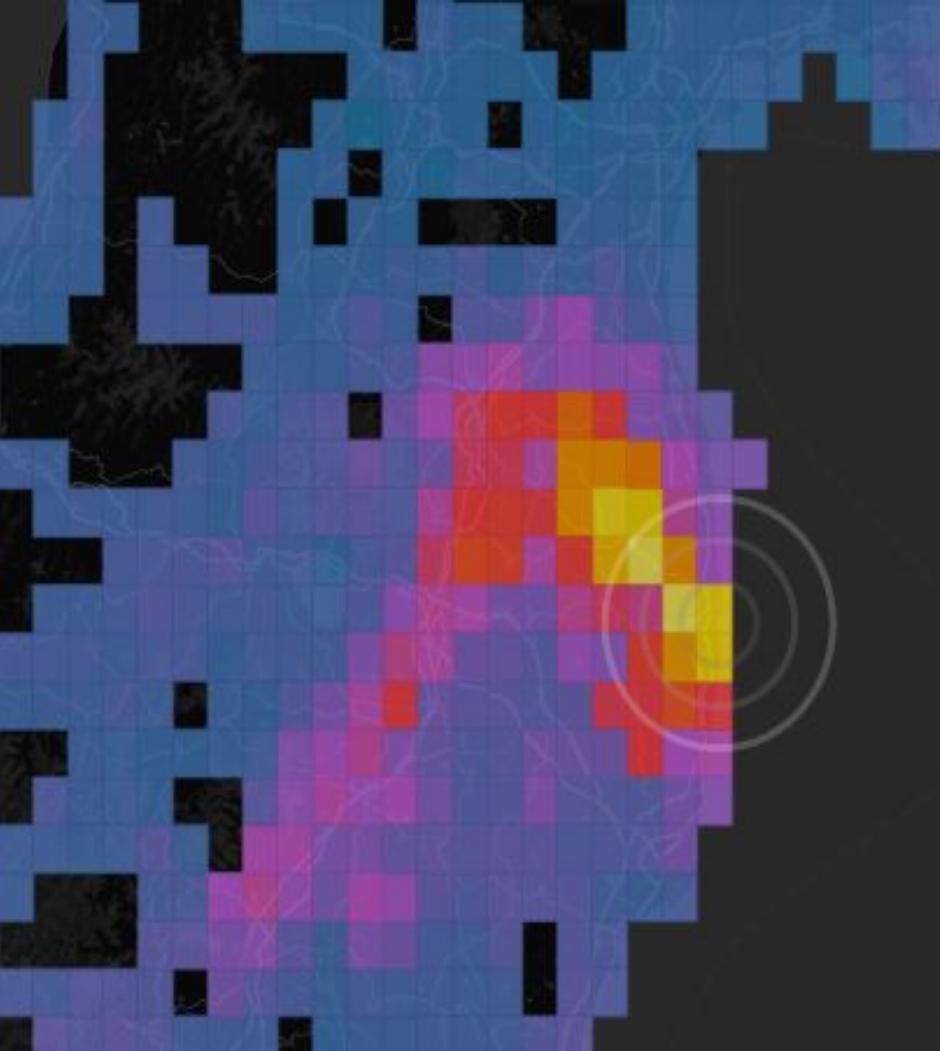
11:21 AM Apr 13th from web



HELLO

LAMP POST







**MAKE
(ALMOST)
ANYTHING!**

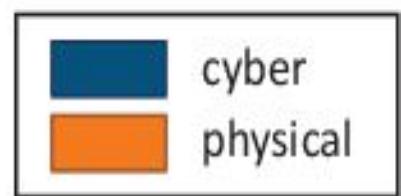
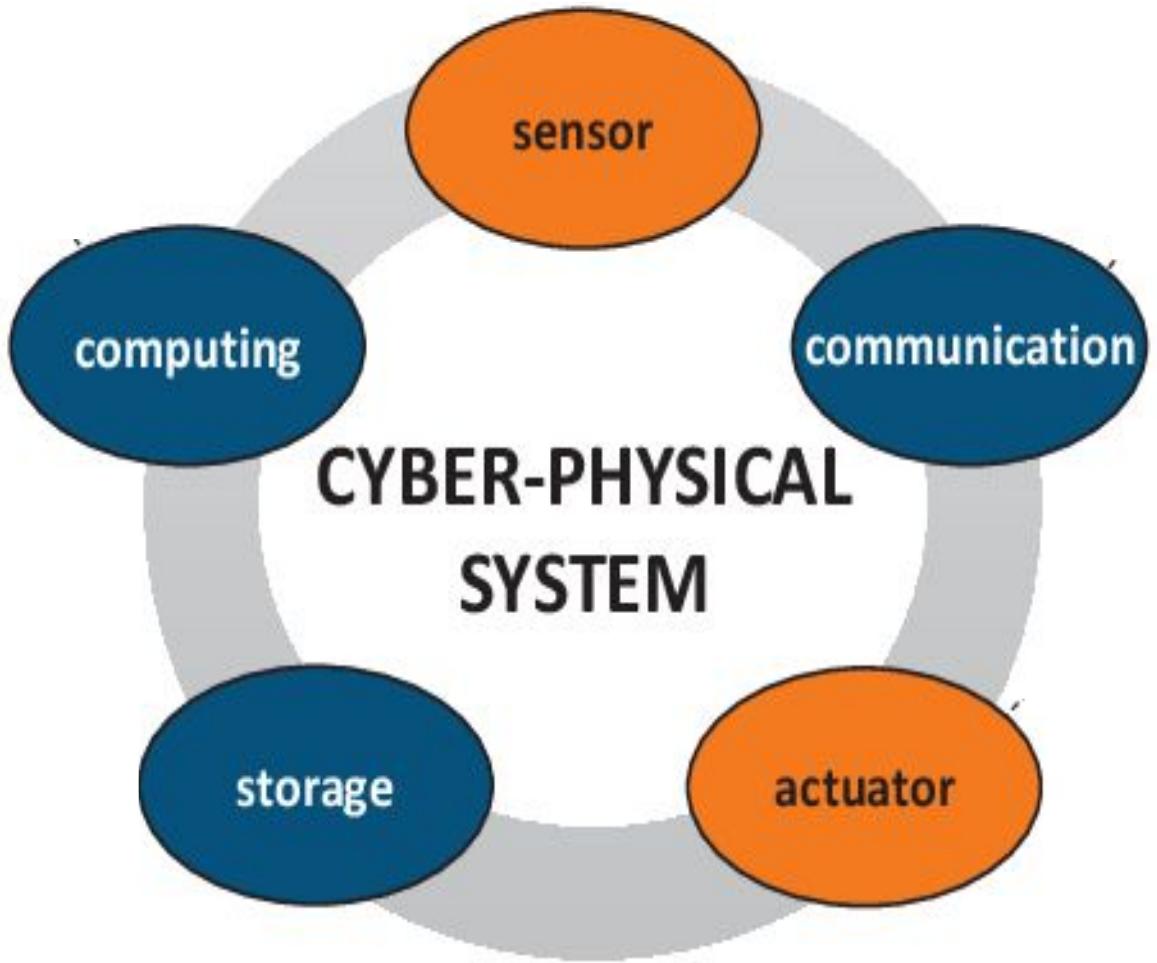
INDUSTRY 4.0

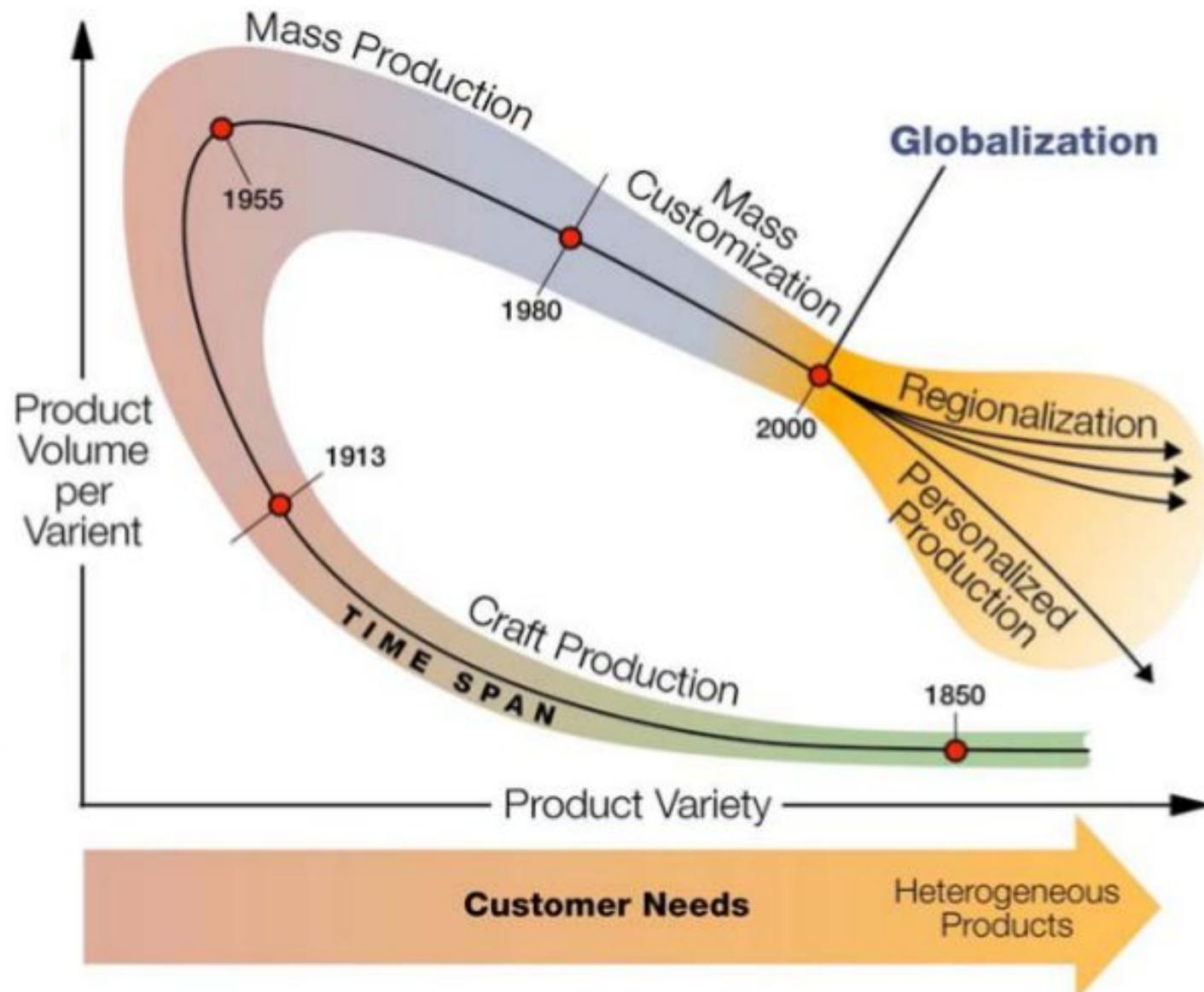




credits:

https://www.i-scoop.eu/industry-4-0/#The_building_blocks_of_Industry_40_cyber-physical_systems







MR. ROBOT



'I'D RECOMMEND LITTLE BROTHER OVER PRETTY
MUCH ANY BOOK I'VE READ THIS YEAR' NEIL GAIMAN

LITTLE BROTHER

CORY
DOCTOROW

BIG BROTHER IS WATCHING YOU
WHO IS WATCHING BACK?



“That’s all folks!”



mirco.piccin@fablabcfv.org



www.fablabcfv.org

mirco.piccin@fablabcfv.org



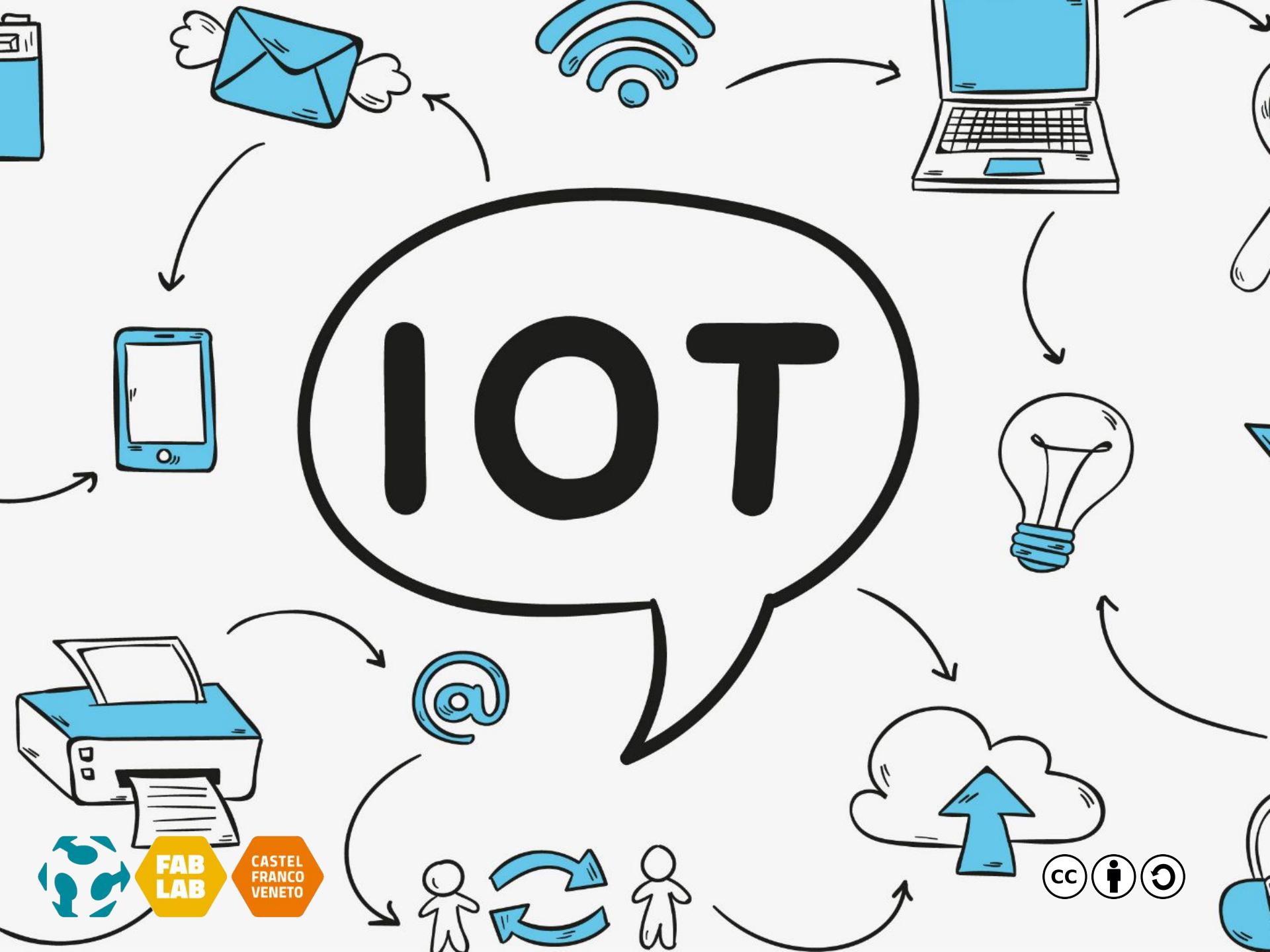


WORKSHOP

progetto
“Che aria tira a Pordenone”



IOT



API



Facebook
Google+
Twitter



Foursquare
Google Places
Yelp



DailyMed
Fitbit
RunKeeper



OAuth
Utilities
MySQL



Authorize.net
PayPal
Stripe



Khan Academy
Dept. of Education



Instagram
Flickr
Picasa



AWS
Dropbox
Box



Data.gov
Influence Explorer
LittleSis



Zendesk
Salesforce
MailChimp



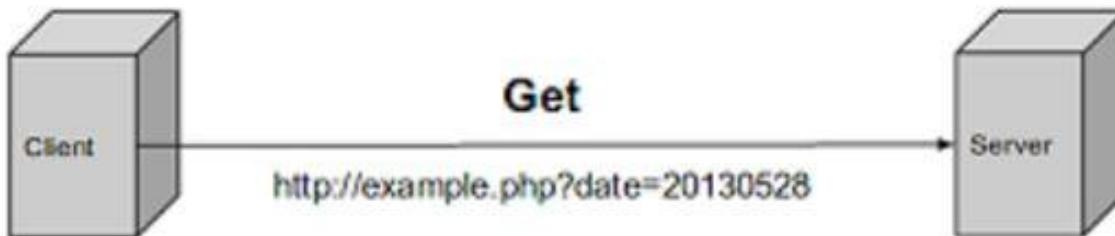
YouTube
Last.fm
NY Times



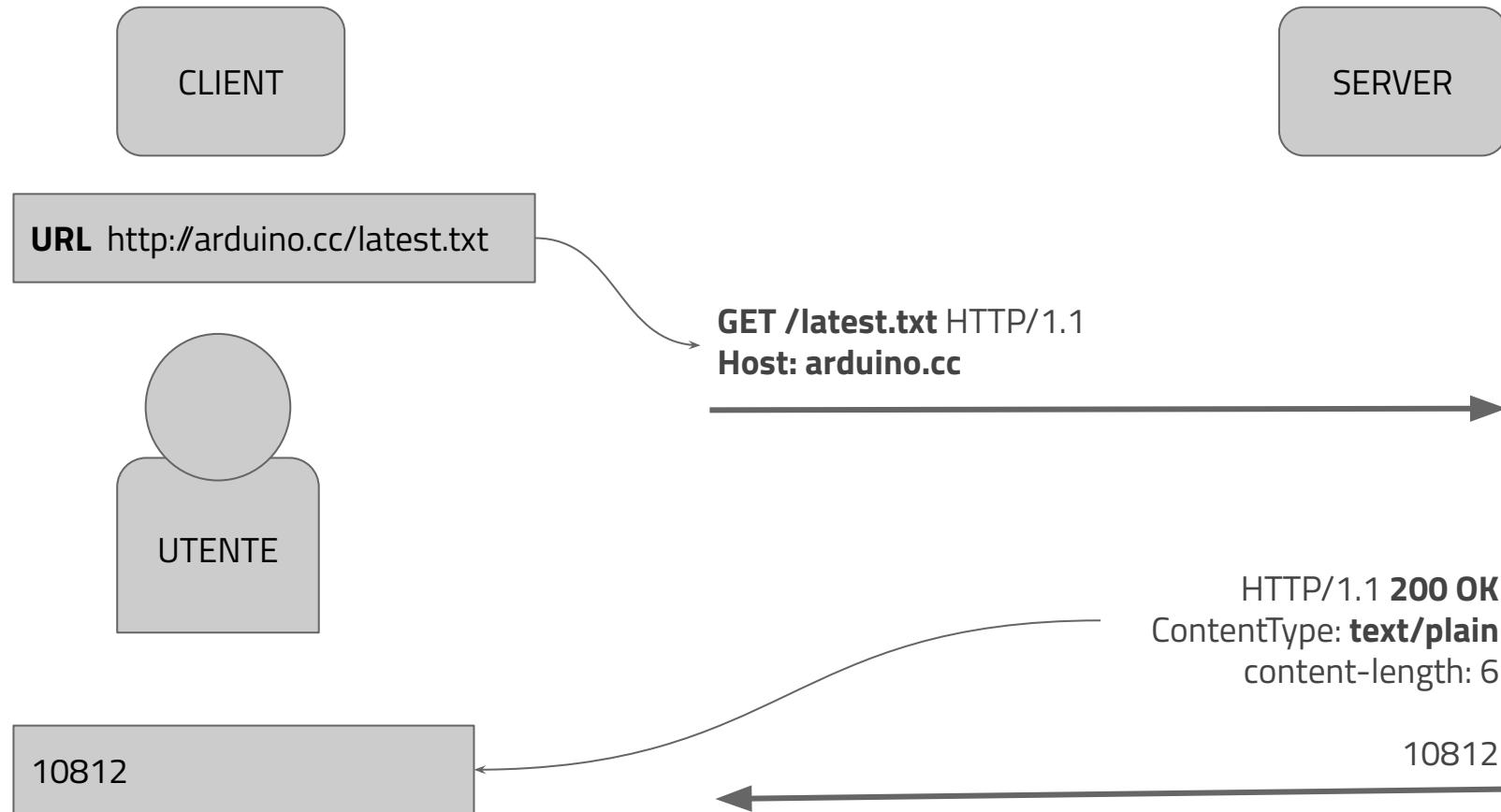
FedEx
USPS

“In computer programming, an **application programming interface (API)** specifies how some software components should **interact with each other**.”

HTTP



HTTP GET REQUEST



LET'S TRY

#1

HTTP

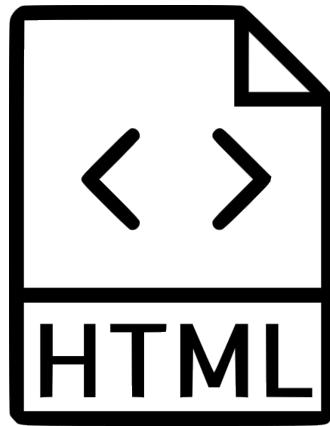
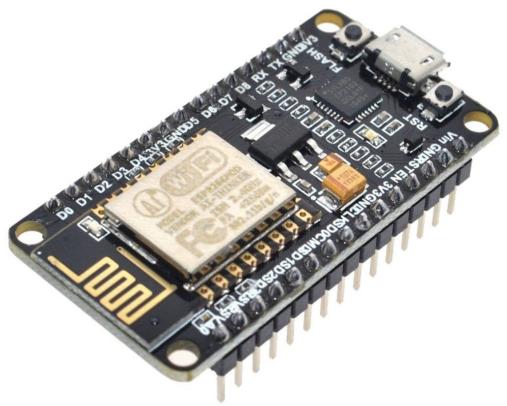
200 OK

301 Moved Permanently

401 Unauthorized

404 Not found





LET'S TRY

#2

HTTP GET REQUEST

http:// https://cowsay.morecode.org /say ?format=html

protocollo

host name (=sito)

directory path / resource

query

URL²



QUERY (STRING)

http://

www.google.com

/search

?q=goofy

- .inizia dopo la directory path ed è preceduta da un “?”
- .è composta da una serie di **copie chiave/valore**
- .in ogni coppia chiave e valore sono separati da un “=”
- .ogni coppia è separata dalla precedente con un “&”

www.sito.org/data

?

f1=val1

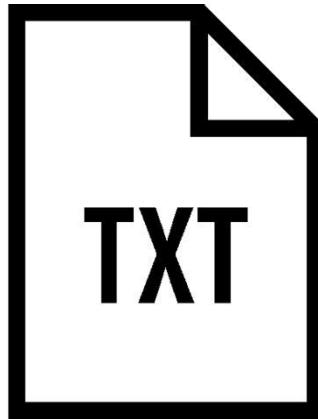
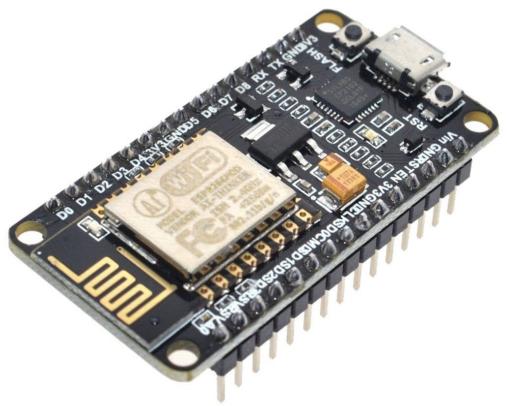
&

f2=val2

&

f3=val3





LET'S TRY

#3

SSID: InventorLab

Bau Bau Micio Micio

PET SHOP



XML

```
<empinfo>
  <employees>
    <employee>
      <name>James Kirk</name>
      <age>40</age>
    </employee>
    <employee>
      <name>Jean-Luc Picard</name>
      <age>45</age>
    </employee>
    <employee>
      <name>Wesley Crusher</name>
      <age>27</age>
    </employee>
  </employees>
</empinfo>
```

[XML formatter!](#)

JSON

```
{
  "empinfo" :
  {
    "employees" : [
      {
        "name" : "James Kirk",
        "age" : 40,
      },
      {
        "name" : "Jean-Luc Picard",
        "age" : 45,
      },
      {
        "name" : "Wesley Crusher",
        "age" : 27,
      }
    ]
  }
}
```

CSV

name	age
James Kirk	40
Jean-Luc-Picard	45
Wesley Crusher	27

[CSV viewer!](#)

[JSON formatter!](#)



LET'S TRY

#4