

@matteocollina
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The Internet of Things

Smartphones are
changing the world



How many people will own
a smartphone by 2014



1.000.000.000

Did you see
it coming



Steve
did.





Thanks.

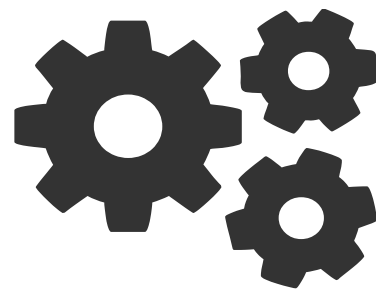
They didn't!



What's next

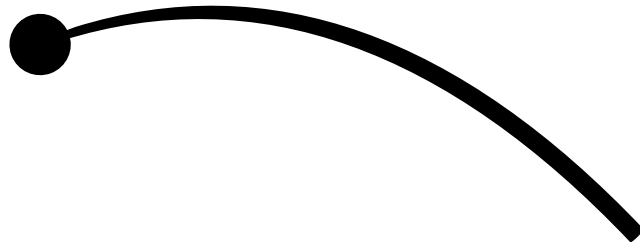
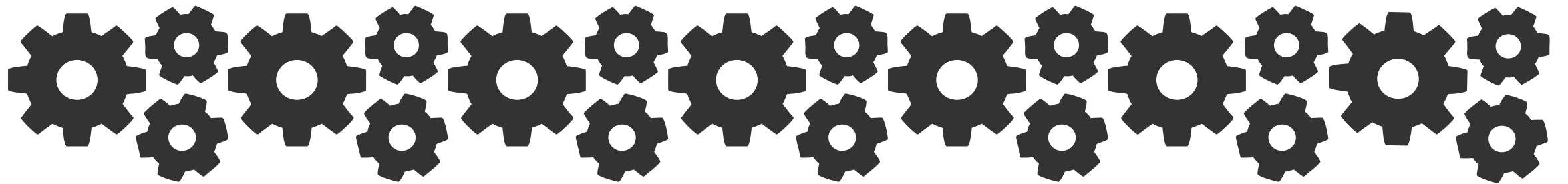


(hint: it's a big number)



50.000.000.000.000

50.000.000.000



1.000.000.000

"Things" ?



50.000.000.000

interconnected

"things"

by

2020

Social Web Of Things Video

<http://www.youtube.com/watch?v=i5AuzQXBsG4>



Let's experiment

KEEP OUT
EXPERIMENT
IN
PROGRESS



Goal:

Monitor **my**
house
temperature



I want to
chat with
my house




```
>: hi house  
hi matteo
```

```
>: what's the  
temperature?  
36
```



What do we need to
sense my house
temperature

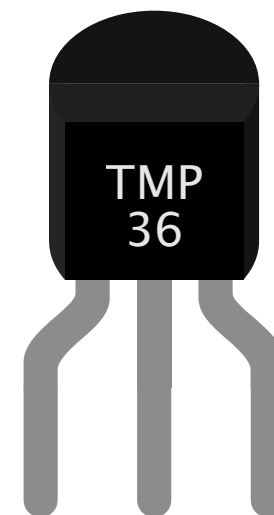
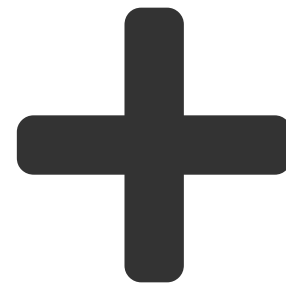




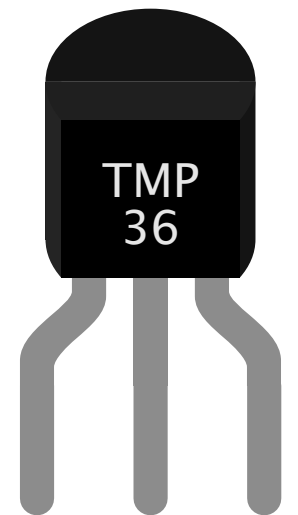
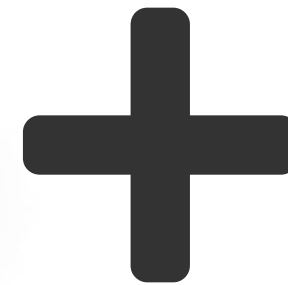
Arduino is an open
source microcontroller,
that you can use to
hack things



We add a sensor to an Arduino

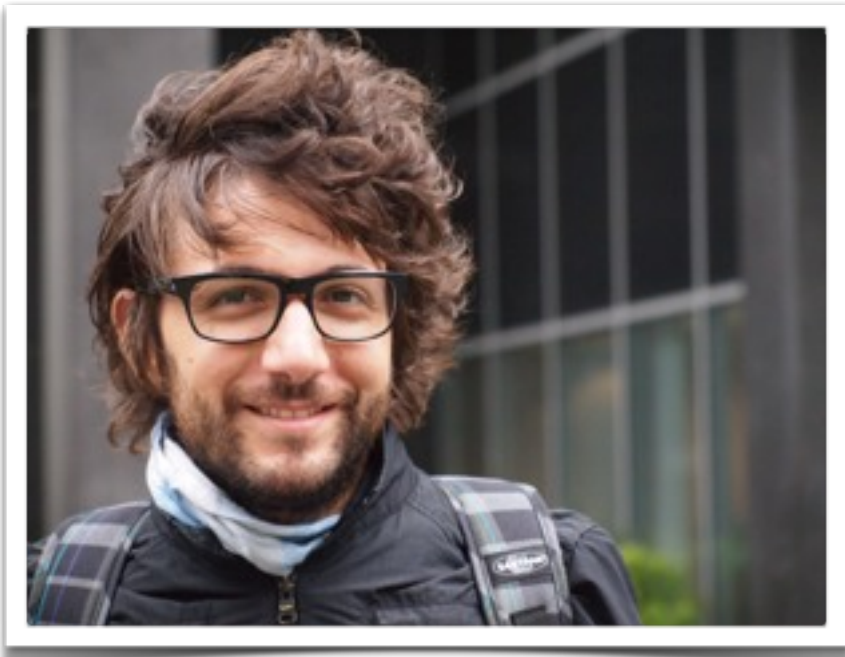


We add an ethernet shield to connect to the Internet



Let's ask
something to
my house!





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Credits

- Font Awesome for the Icons.
- Flickr for LOTS of CC images :).
- Balsamiq Mockup for the iPhone Mockup



A serene landscape photograph capturing a sunset over a calm body of water. The sun is positioned low on the horizon, partially obscured by a layer of clouds, creating a bright, warm glow. The sun's reflection is clearly visible on the water's surface. The sky is filled with soft, wispy clouds in shades of blue, orange, and yellow. In the foreground, the dark, silhouetted branches of a large tree are visible on the right side. The background shows a dark, forested shoreline across the water.

Thank You!

Any Questions?

