CASA JASMINA
THE OPEN SOURCE WAY
TO THE CONNECTED HOME
FABLAB ITALIA (2011)
FABLAB TORINO (2012)
THE FABLAB

- 3D Modelling Software
- Digital Controlled Machines
- Tool-Machines (Wood, Metal, Plastic)
- Electronic Material
- Small Tools
- Sharing Open Thinking
Chaise Lounge
Pietro Leoni
Two wheels

Fabrizio Alessio
CONNECTIONS
THE LANGUAGE

```cpp
void setup() {
  // initialize the digital pin as an output.
  // Pin 13 has an LED connected on most Arduino boards:
  pinMode(13, OUTPUT);
}

void loop() {
  digitalWrite(13, HIGH);  // set the LED on
  delay(1000);             // wait for a second
  digitalWrite(13, LOW);   // set the LED off
  delay(1000);             // wait for a second
}
```
Open source design

Click to select object to get info for
Derivates

Seeduino

Freeduino

Boarduino

Teensy
PLUG & PLAY
Motor  Wireless  Ethernet

SHIELDS
Reworking with Hot-Air

by Bryan Quilty | November 13, 2012 | 12 comments | share

When you’re building your own embedded electronics, it is pretty much inevitable that eventually you are going to solder something in the wrong place. It’s going to happen. If it’s never happened to you, consider yourself lucky. For those of us more metals, there are times when a bit of sesh is necessary. That’s when we often turn to our trusty hot air sesh.

So today we wanted to share the above video (and this tutorial) to help you learn how to use hot air to sesh with the best of them. We’ve found that using hot air is one of the most destructive ways to do sesh. We hope you find the video useful! What tricks do you use to do sesh? Let us know in the comments!

Read 12 comments and add your own »
ARDUINO PROJECTS
History of 3D printing 1984 – 2014
Compare Data: RepRap explosion and first time print

http://surveys.peerproduction.net/2012/05/manufacturing-in-motion/3/
« I 25 anni di durata di un brevetto sono oggi anacronistici. Ad inizio '800 garantivano al produttore di ritornare dell'investimento fatto, oggi bloccano l'innovazione. Vent'anni dell'800 corrispondono a 6 mesi di oggi »

Angelo Raffaele Meo
http://it.wikipedia.org/wiki/Angelo_Raffaele_Meo

« A twenty five years term of patent is nowadays dated.

At the beginning of the 19th century, such long terms allowed producers to pay back the investment. Today, they hamper innovation. Twenty years in the 19th century correspond to 6 months of today »
2011

THE THIRD INDUSTRIAL REVOLUTION
HOW LATERAL POWER IS TRANSFORMING ENERGY, THE ECONOMY, AND THE WORLD
JEREMY RIFKIN

2012

The third industrial revolution
A 14-PAGE SPECIAL REPORT

The Economist

- Biomimetics explained
- The euro crisis: back after its slumber
- Argentina’s oil grab
- The science of guerilla warfare
- America’s bagel king

APRIL 21ST - 27TH 2012
Worldwide cover
Drones attack from above. Johan517’s Spider Rover approaches from below. Print a few of each and you’ll have a (very) small army at your behest.

Learn More
Where is my connected fridge?
IoT IN NUMBERS

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>Connected Devices</th>
<th>Devices Per Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>6.3 billion</td>
<td>500 million</td>
<td>0.08</td>
</tr>
<tr>
<td>2010</td>
<td>6.8 billion</td>
<td>12.5 million</td>
<td>1.84</td>
</tr>
<tr>
<td>2015</td>
<td>7.2 billion</td>
<td>25 billion</td>
<td>3.47</td>
</tr>
<tr>
<td>2020</td>
<td>7.6 billion</td>
<td>50 billion</td>
<td>6.58</td>
</tr>
</tbody>
</table>

cisco 2011
WAVES IN COMPUTER HISTORY

1960s: Mainframe Computing
1970s: Mini Computing
1980s: Personal Computing
1990s: Desktop Internet Computing
2000s: Mobile Internet Computing
2014+: Pervasive Computing IoT
IoT IS NOT AN INSPIRING NAME

IoT
Kevin Ashton

Smart Things
Mike Kuniavsky

Blogjects
Julian Bleecker

Meta Products
Boreland

Spimes
Bruce Sterling
CONNECTED OBJECTS
NETWORK MODEL
THE INTERNET OF
1 THING AT A TIME
CONNECTED HOME

DIY TOOLS
CASA JASMINA
THE OPEN SOURCE WAY
TO THE CONNECTED HOME
Casa Jasmina is a two-year pilot project in the business space of domestic electronic networking, or, "the Internet of Things in the Home."

Our goal is to integrate traditional Italian skills in furniture and interior design with emergent skills in open-source electronics.

The aim is to combine digital fabrication tools, and open source electronics for the realization of an open source, connected apartment.
WHY CASA JASMINA?

**TEST-BED**
The apartment will serve as test bed for experiments and researches on connected products and open source furniture.

**EXHIBITION SPACE**
The house will showplace best practices and innovative design opening up the discussion on connected home to the public.

**GUEST HOUSE**
*Casa Jasmina* is not just a showcase apartment. People will be able to rent out the place on Airbnb for short periods and live in it.
WORK WITH CASA JASMINA

What you give
- money
- equipment
- people

What you get
- r & d
- visibility
- hospitality
Internet of Women Things

Connected to what?
........To us!

Women @ casaJasmina
Thank you

casajasmina.arduino.cc
@casajasmina