

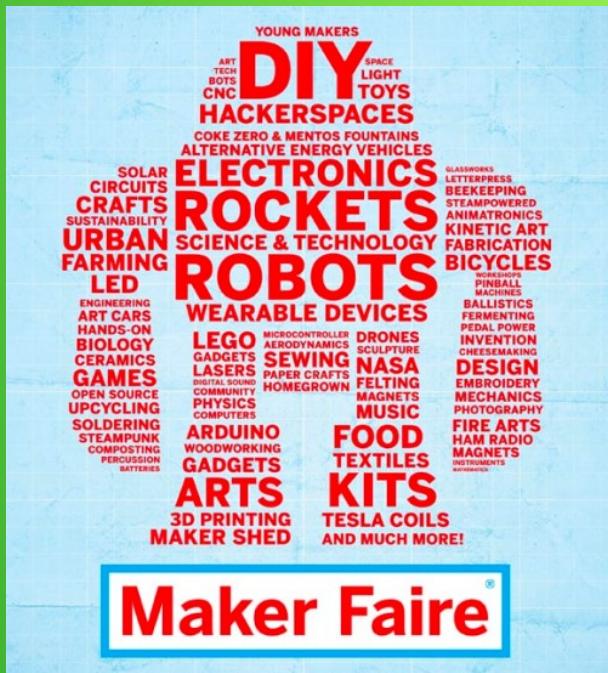
# Open-Source fuori dai programmi

Introduzione di alcuni progetti open-source non a  
base di codice

Ahmad Elbadri @ Linux-Day 2015

# Astrazione dell'Open-Source

- Che cos'e` un Source in termini piu` generali?
- Filosofia Punk e DIY.
- Condvidere per vivere meglio.
- Il mondo dei Makers.

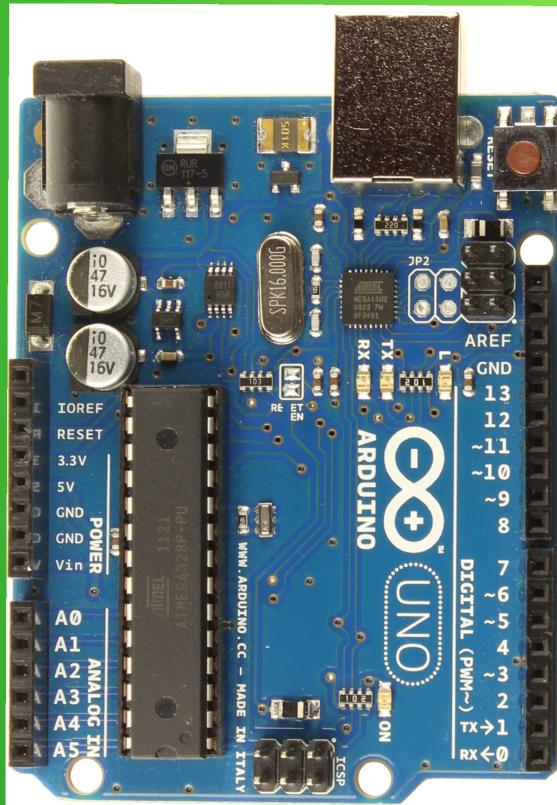




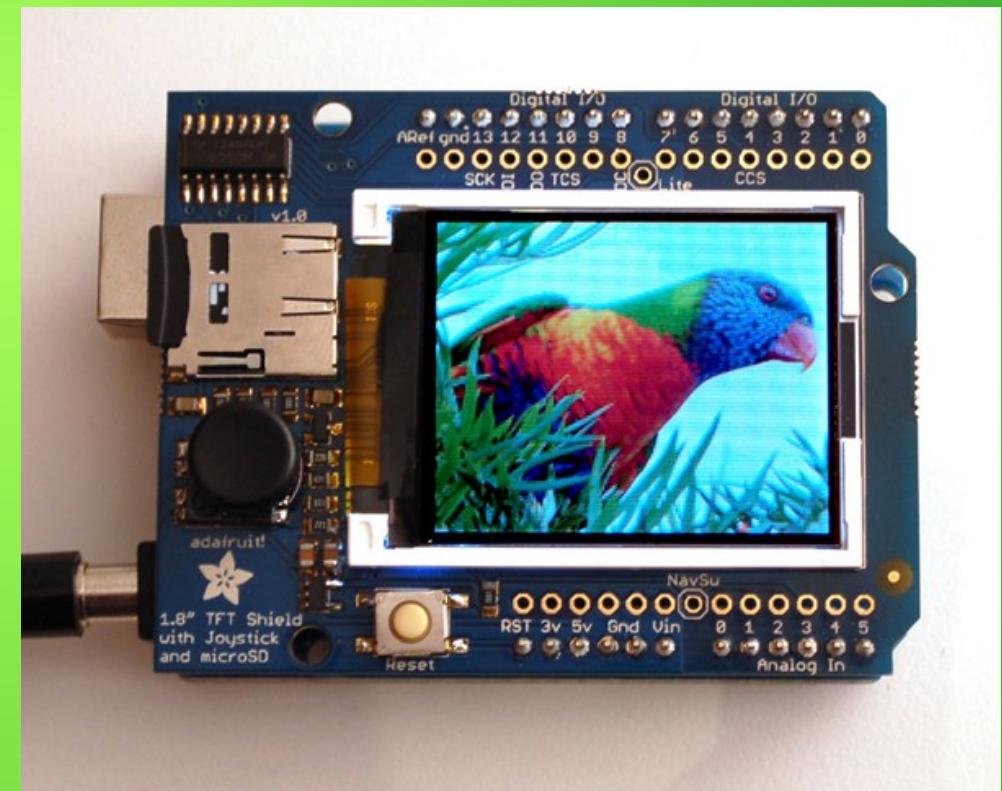
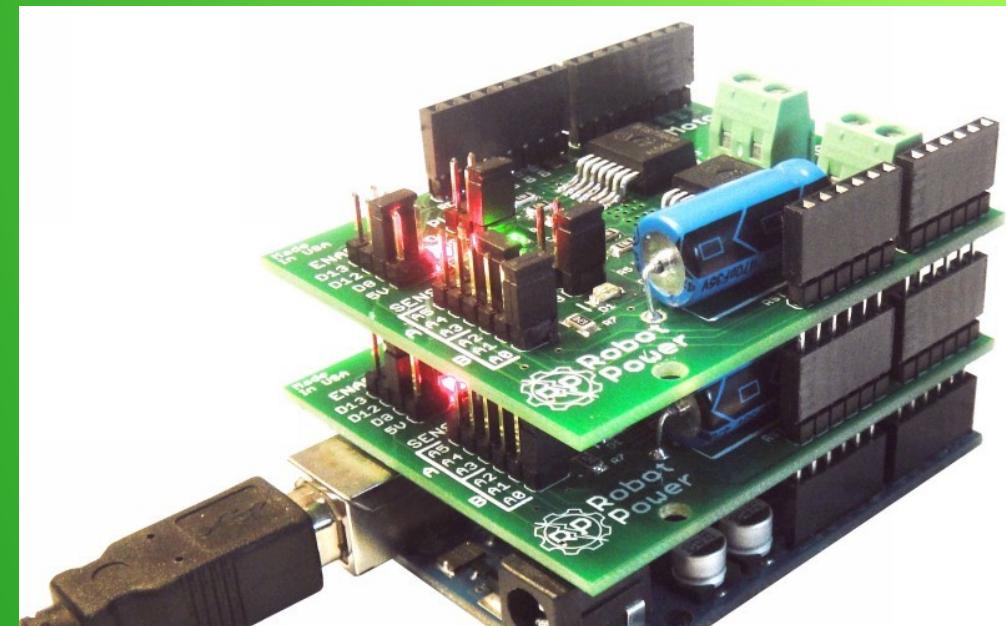
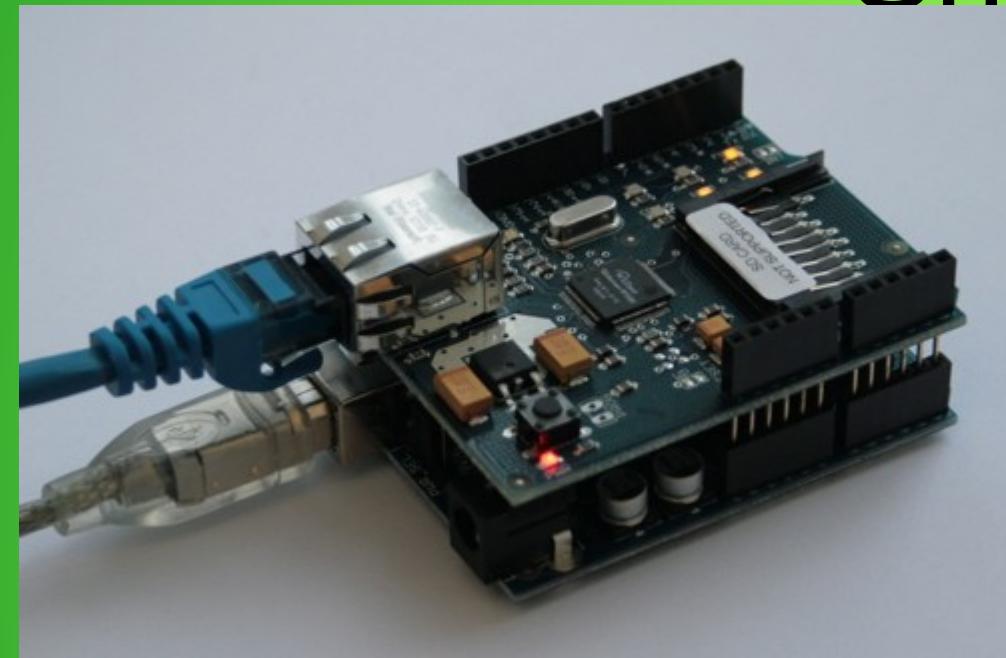
open source  
hardware

# Arduino\Genuino

- Elettronica Open-Source.
- Prototipazione rapida.
- Vantaggi dell'open-source

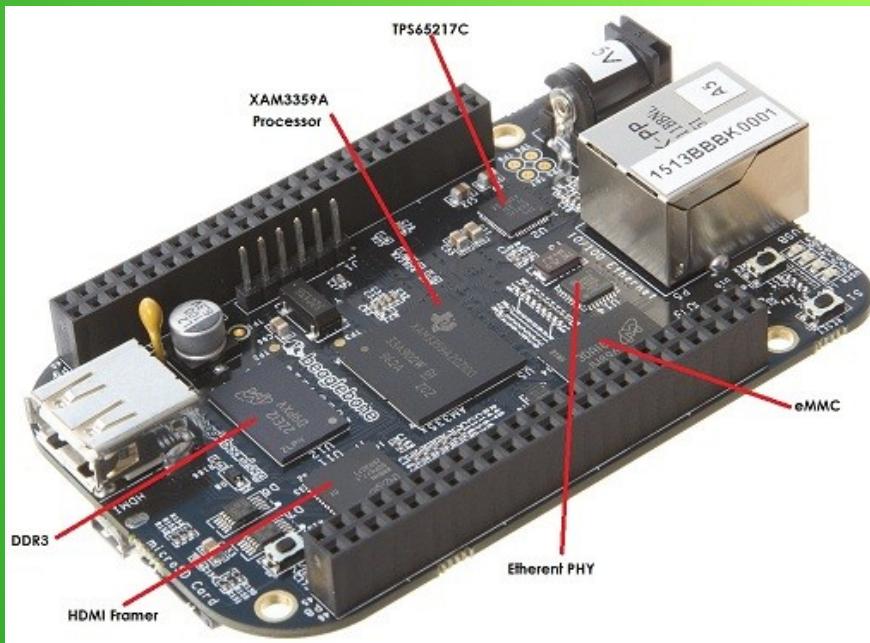


# Arduino/Genuino Shields



# BeagleBoard

- Open-source hardware.
- Computer su singola scheda.
- Supporto di tanti sistemi operativi.
- Vantaggi dell'open-source.



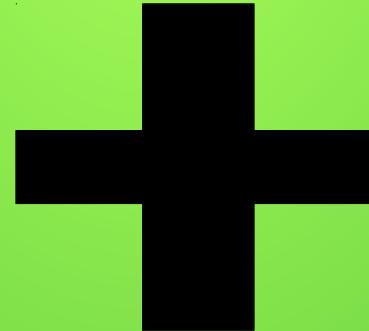
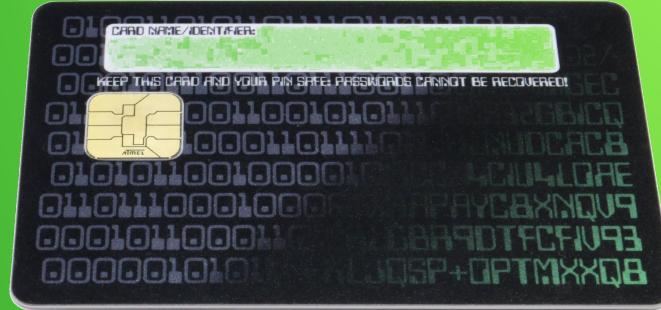
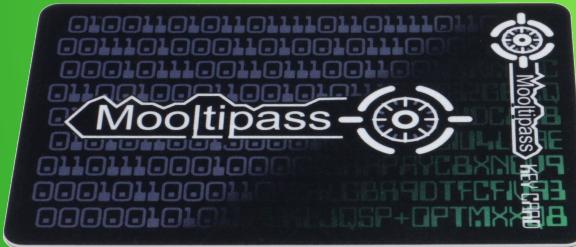
# BeagleBoard

## What is a cape?

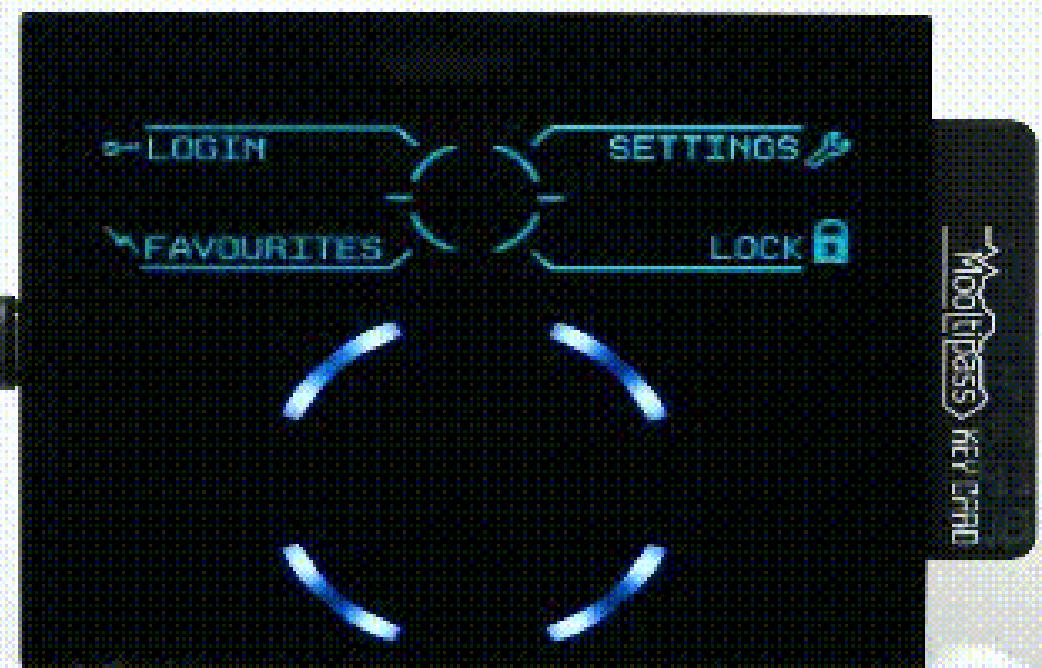
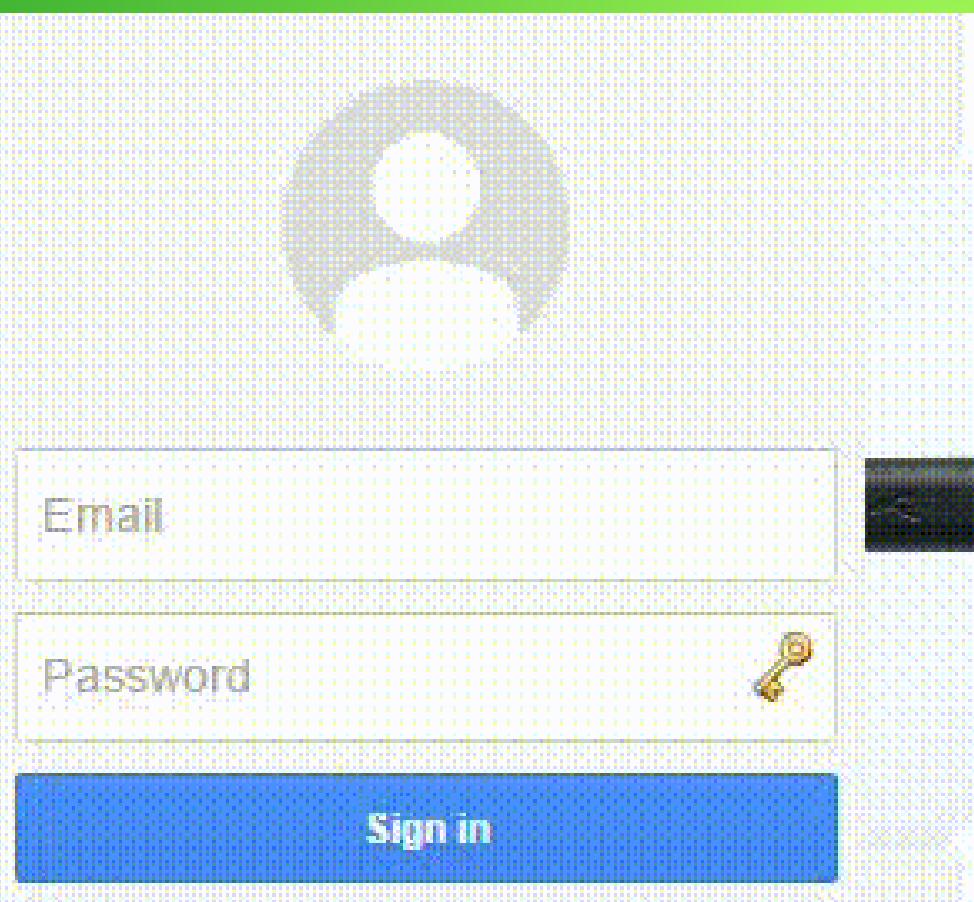


# Mooltipass

- Il problema delle password.
- Soluzioni standard.
- Mooltipass.
- Compatibile con gli Arduino Shields



# Mooltipass



# RepRap

- Stampanti 3D.
- Aspettate fino alle 17:35





# HACK A DAY

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FirePick Delta, the Open Source M...  
by Neil Jansen



OpenMV  
by i.abdalkader

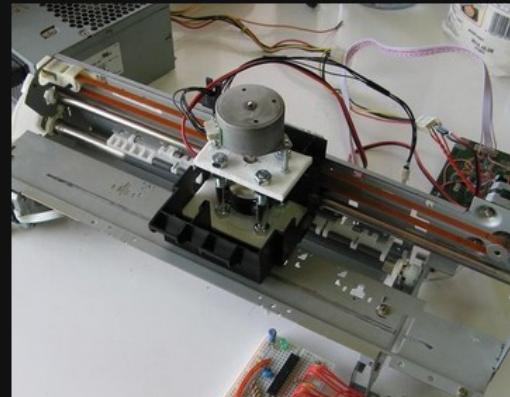
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Project Jarvis - A.I Home Automati...  
by iamTeknik

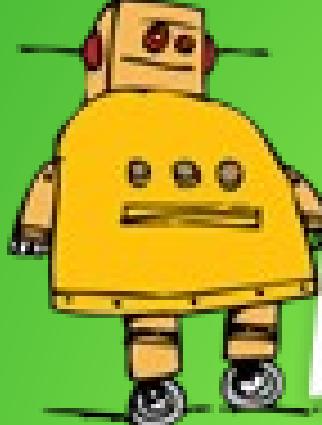


PSSD Portable Software...



# Fai Da Te

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YOURSELF



# instructables



instructables

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3





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UPLOAD PAPERS



New paper added to **Power Line Communication:**

1 yr

## Effects of LED lamps on the power-line communications channel

LED (Light Emitting Diode) lamps have recently come on to the market as energy efficient alternatives to incandescent light bulbs. Although energy effective, they inject conductive noise into the power-line system. This can have a detrimental effect on the power-line communications channel. This paper investigates these effects when LED lamps are seen as noise sources on the power line. It shows that there are two classes of LED lamps - dependi ...read more

by Arnold de Beer

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Power Line Communication +5

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New paper added to **Power Line Communication:**

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## A POWER LINE DATA COMMUNICATION INTERFACE USING POWER LINE Modem IN HOME AUTOMATION

The rapid advances in home and building automation technology impose the fact of reliable communication systems and devices that control electronic equipment. A considerable issue of controlling such equipment will efficiently manage the energy in order to save more of the exploited electricity. Lately, the National Institute of Standards and Technology issued processing standards to direct the researcher's attention to Power Line communicatio ...read more

by Qasem Abu Al-Haija a...

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Power Line Communication +2

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# BONUS!



UNO SMARTPHONE OPEN-SOURCE

# LibreSmartphone

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The power of a smartphone  
and a computer in one device



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Inutili complessità deve essere evitato

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## Hardware libero smartphone

Chiunque può scaricare tutti i file e modificarli per  
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# Riferimenti

- [https://it.wikipedia.org/wiki/DIY\\_%28punk%29](https://it.wikipedia.org/wiki/DIY_%28punk%29)
- <http://www.arduino.cc>
- <http://www.beagleboard.org>
- <http://www.themooltipass.com/>
- <http://reprap.org/>
- <http://www.hackaday.io>
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*Qiao!*