

# Visite FABLAB

FABLAB  
SANTANDER



DEVEN3C



FABLAB SANTANDER

DEVEN3C543944 – TEMPUS – 1 – 2013 – 1 – ESSMHES



Tempus

# Qu'est-ce qu'un *Fab Lab*?

*Fab*rication  
*Lab*oratory

Espace de **production des objets** pour un usage personnel par des ***machines à commande numérique capables*** de construire "presque tout" avec l'échange de connaissances entre les membres du laboratoire

Neil Gershenfeld

“How to make (almost) everything”

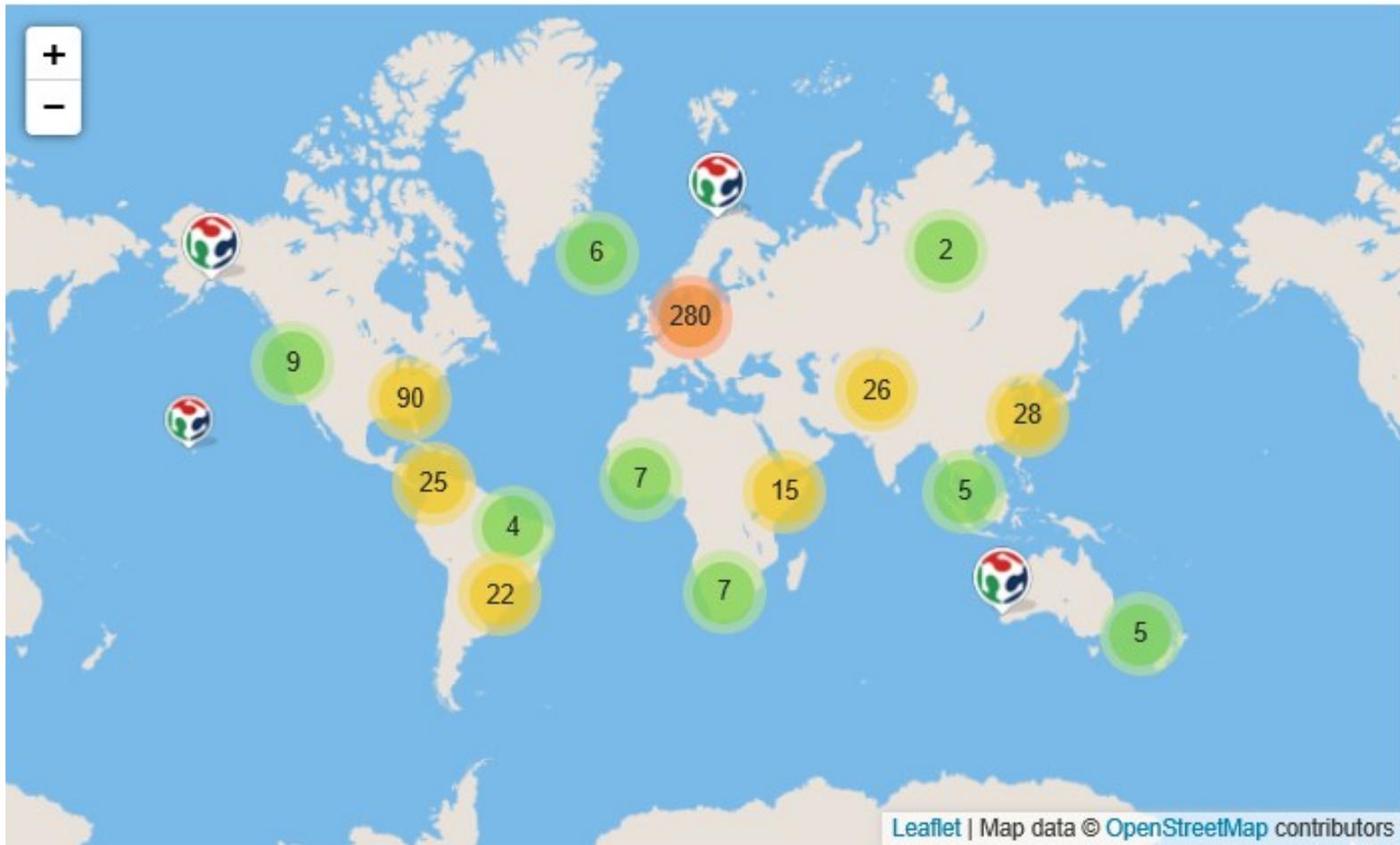


Premier FABLAB (MIT) en 2001

2013, 125 Fab labs (34 pays)

2015, 560 Fab Labs (78 pays)

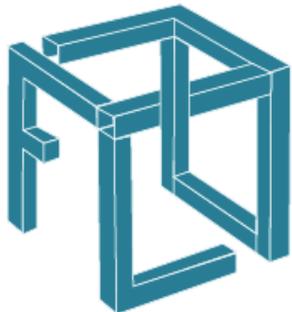




Leaflet | Map data © OpenStreetMap contributors



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Mars 2014

Centro de Iniciativas Empresariales  
Plaza Mercado de México  
Santander

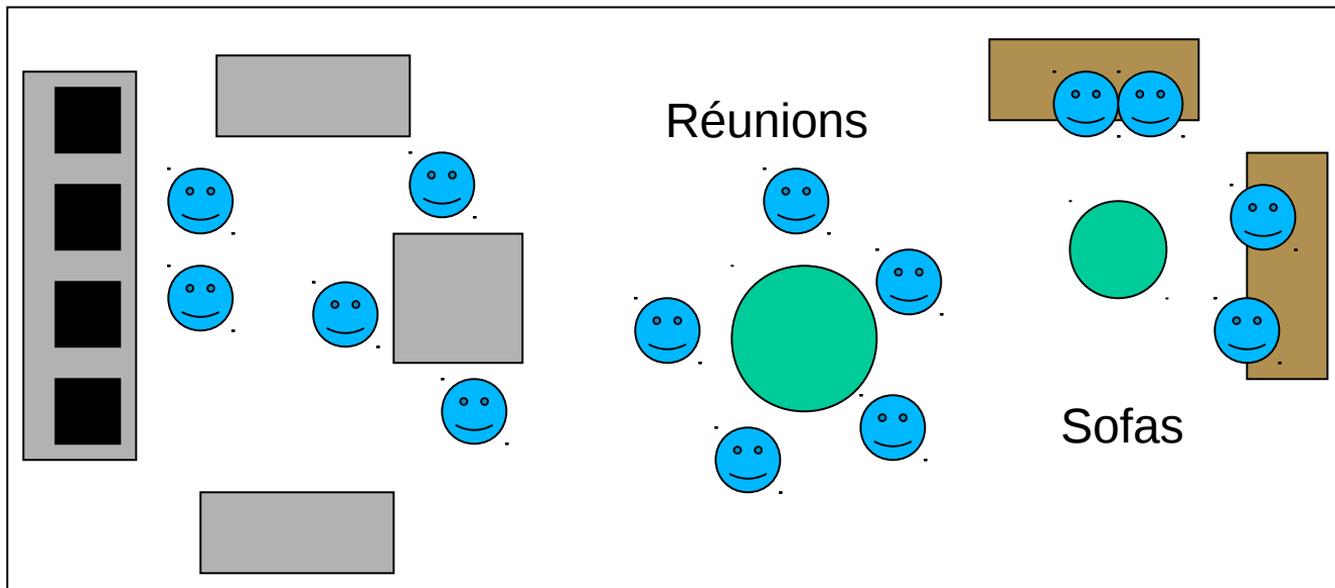


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# Installations actuelles et prévues ...

# Le local

Atelier



# Laboratoire d'électronique



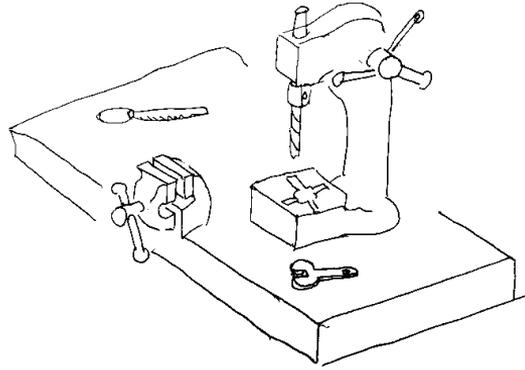
Arduinos



Raspberry



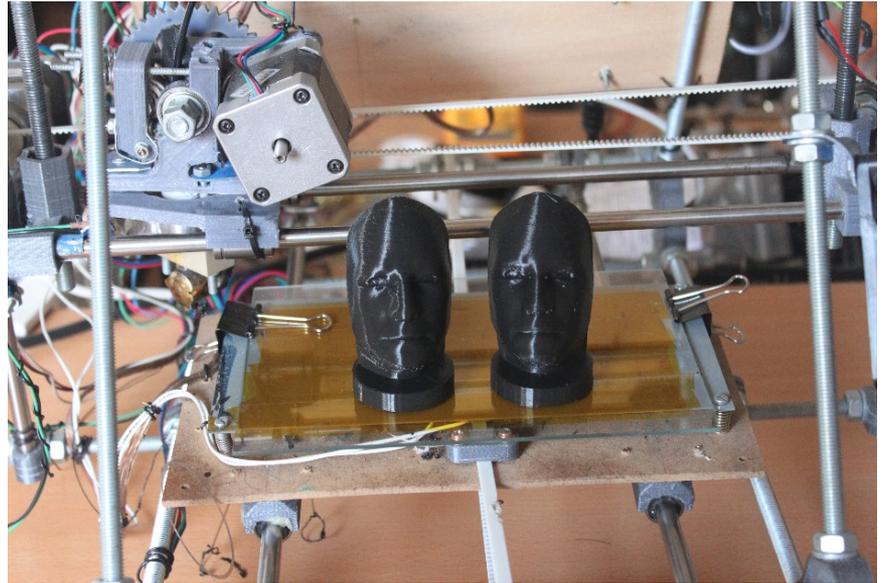
# Atelier de mécanique de base



# Imprimantes 3D

2 Impimantes 3D:

Type REPRAP Prusa

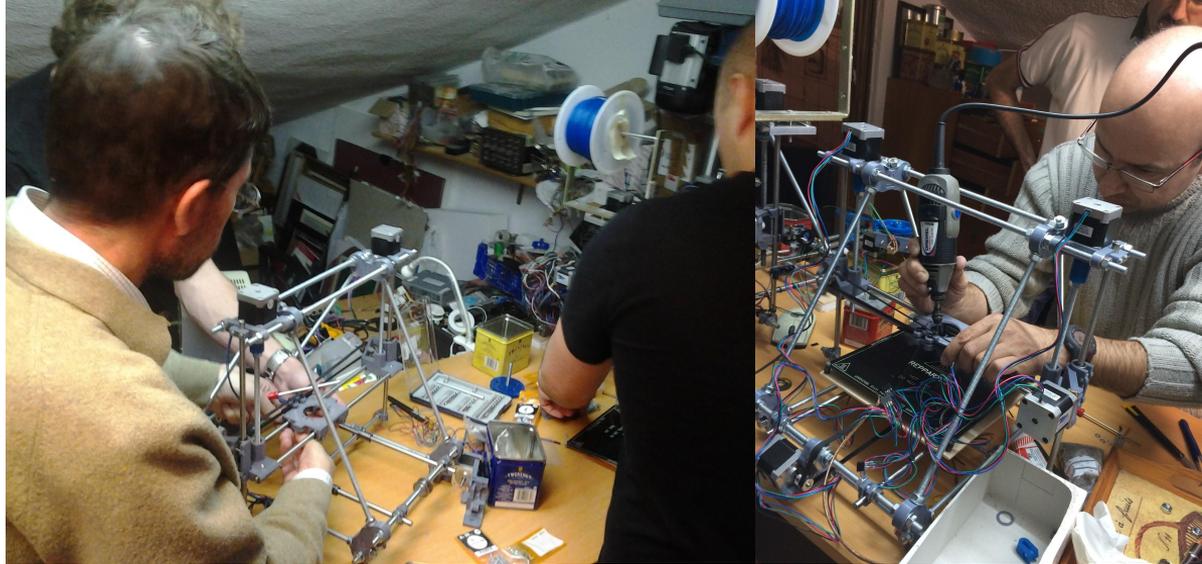


# L'objectif

Faire nos propres machines

...

- Économique
- Nous pouvons réparer
- Nous pouvons calibrer
- Nous pouvons améliorer
- Nous apprenons beaucoup
- Nous pouvons enseigner aux autres ce que nous avons appris



# Fonctionnement...

## Comment puis-je participer à la FabLab?

- Vous avez un projet
- Vous avez du talent (design, l'électronique, la mécanique, l'art, ...)
- Vous recherchez de gens talentueux pour vous aider ...
- Vous recherchez des partenaires pour votre projet

Cotisation annuel 120€

Location des machines 5€/h impresión3D

Ateliers et séminaires gratuits/de payment

Vendredi soir :

OPENLAB :

Des autres jours pour  
les membres

[www.fablabsantander.org](http://www.fablabsantander.org)

# Activités

« OPEN LAB »

Vendredi dès 17:30.....

Réunions mensuelles de projets

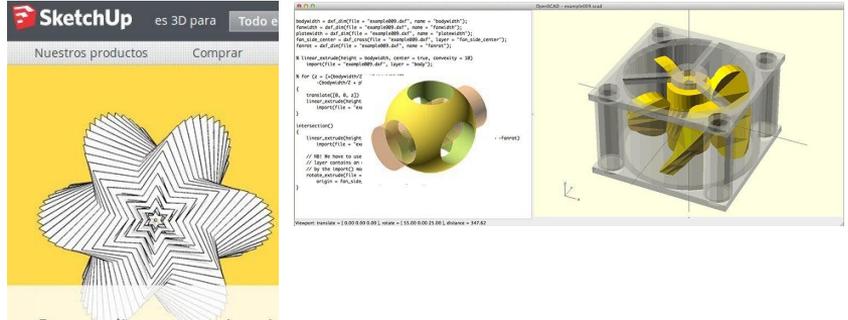


# Workshops de formation

## Impression 3D



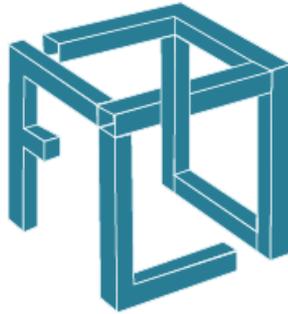
## Design 3D



## Programmation Arduinos, Raspberry Pi....

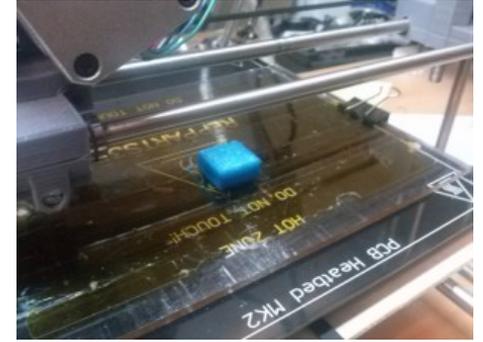


# Projets

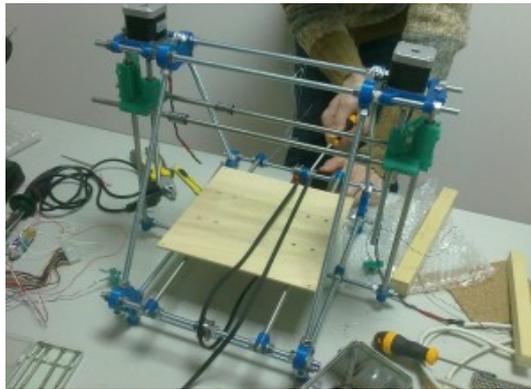
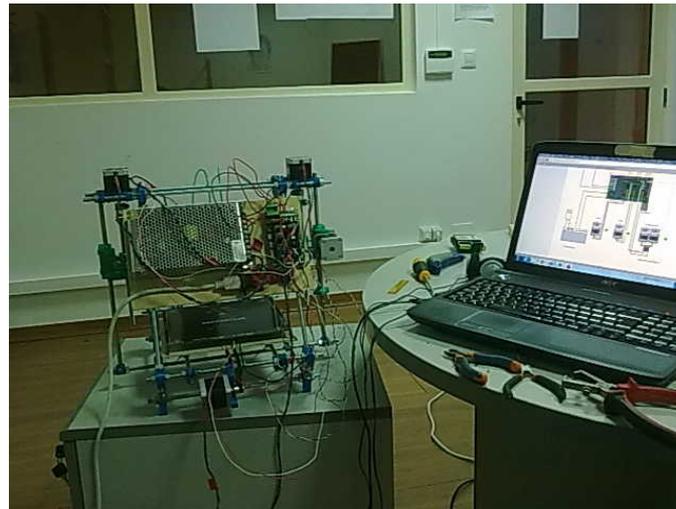
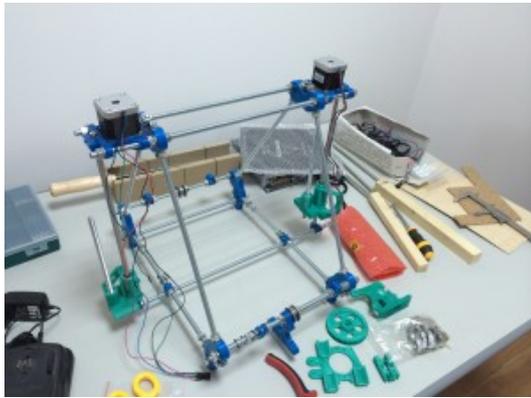


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# Imprimante 3D Prusa 2



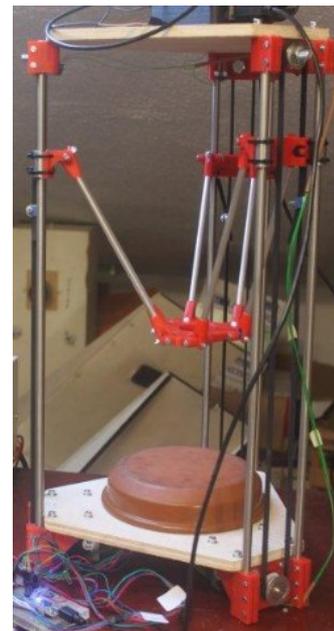
# Imprimante 3D Prusa 3



# Imprimantes 3D

Prusa i3

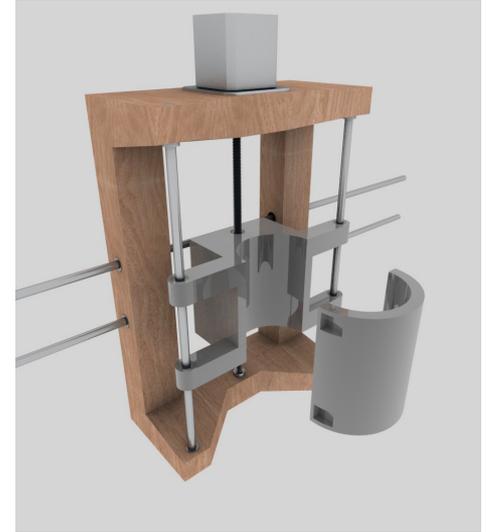
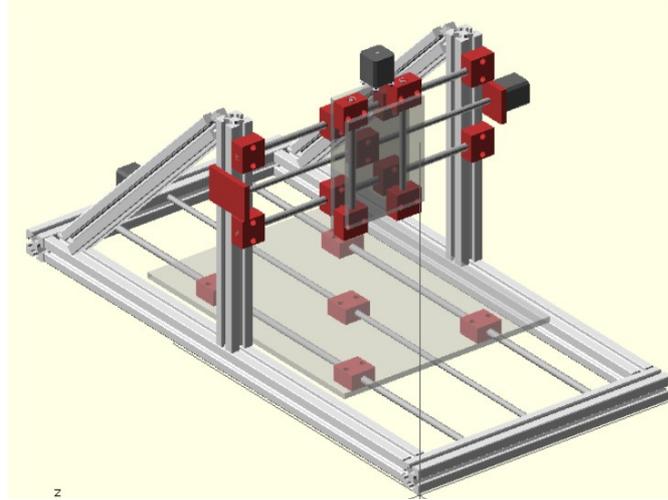
ROSTOCK  
(des volumes importants)



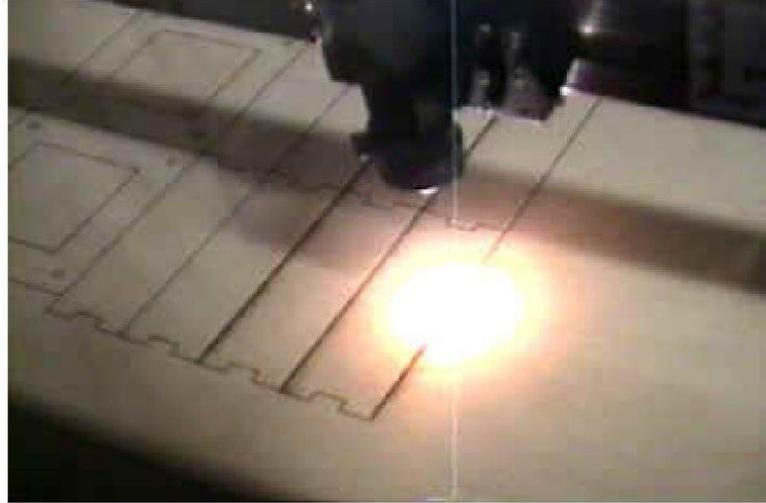
# Meubles FabLab



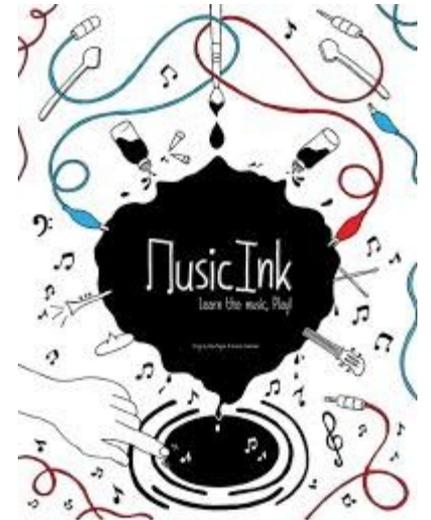
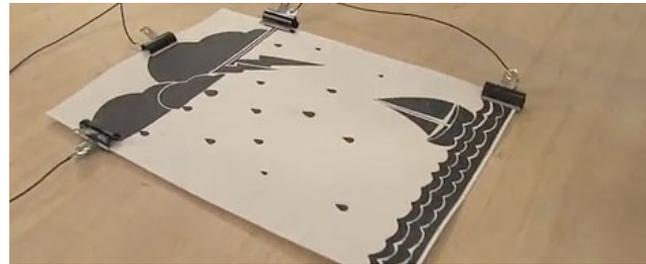
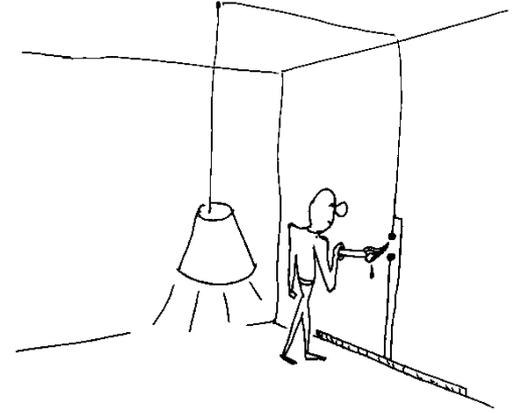
# Mini Fraiseuse



# Machine a découpe laser



# Encre conductrice



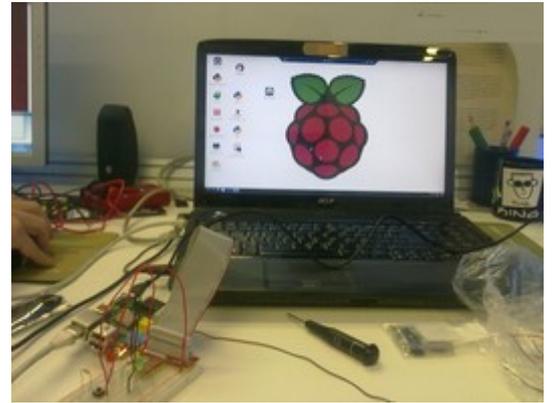
# Arcade Rétro



# Jardin connecté



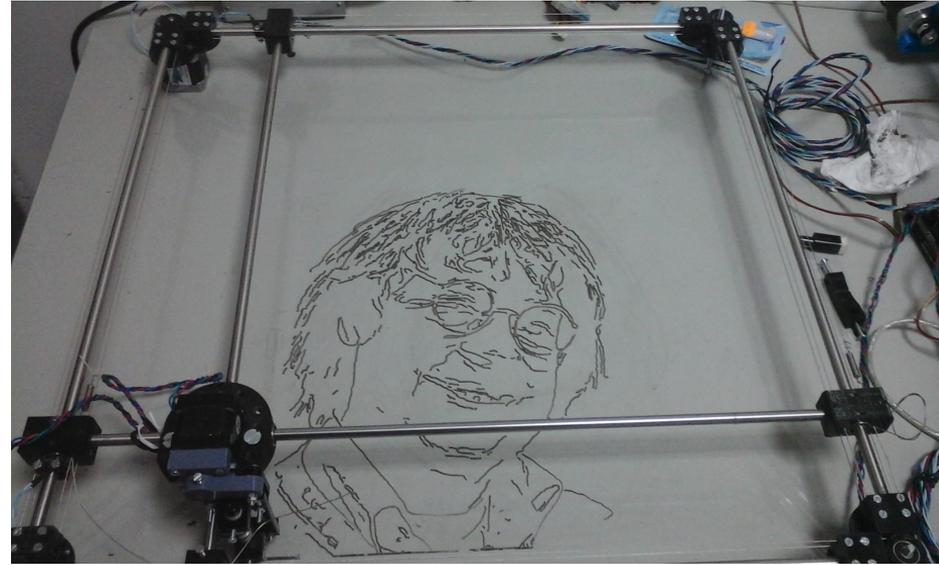
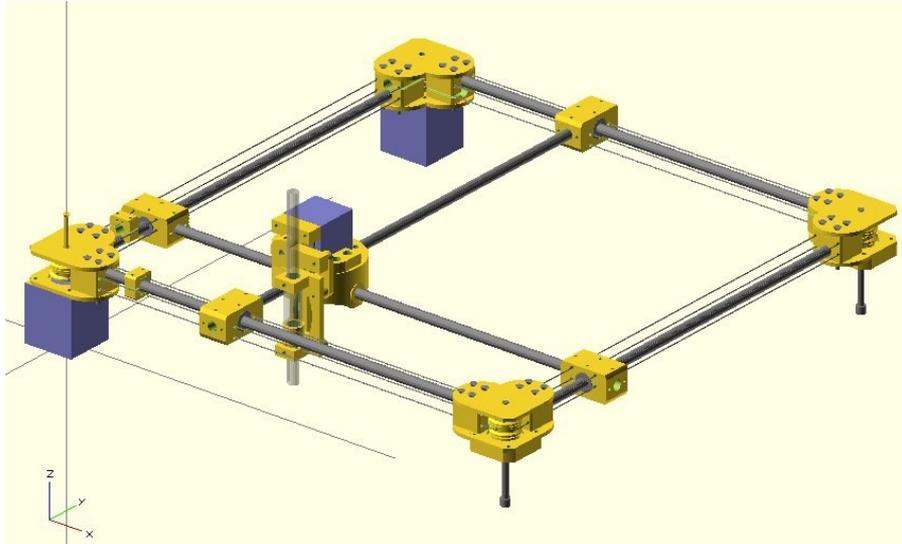
# The Internet of Bees (TloB)



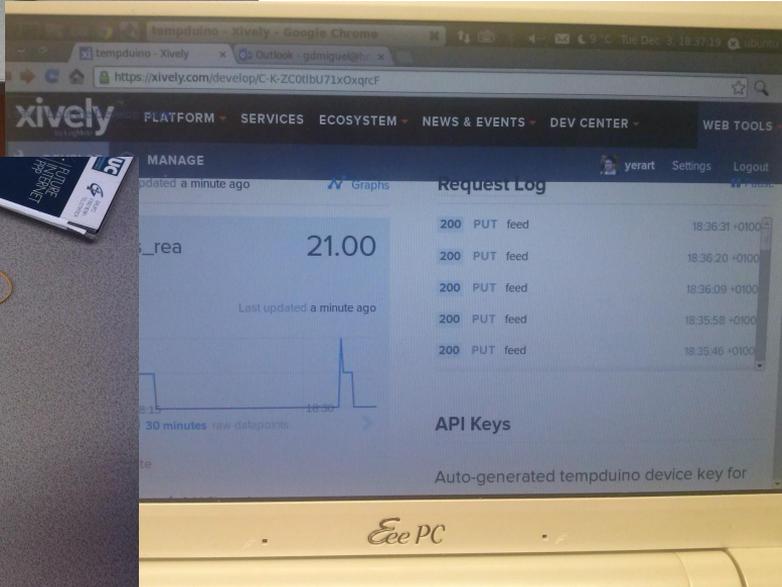
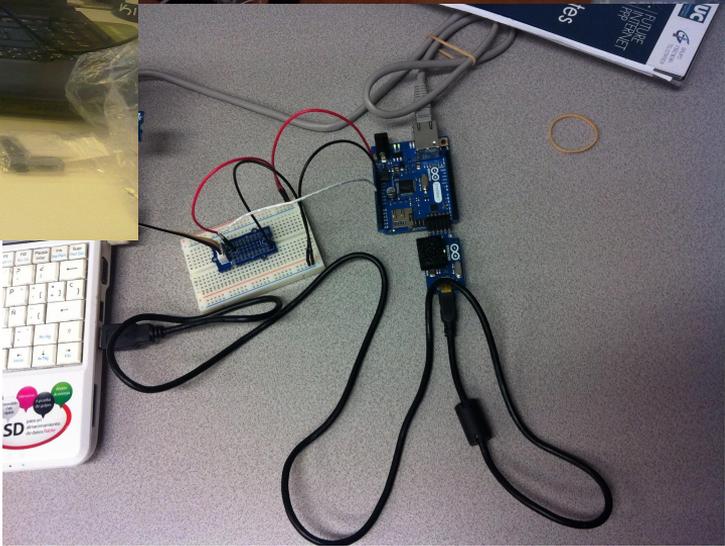
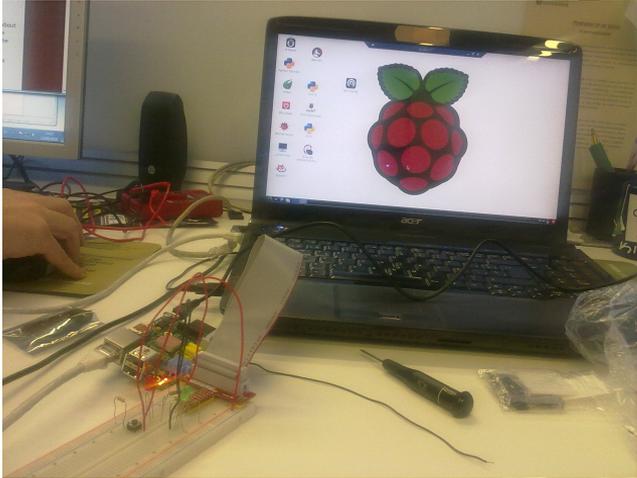
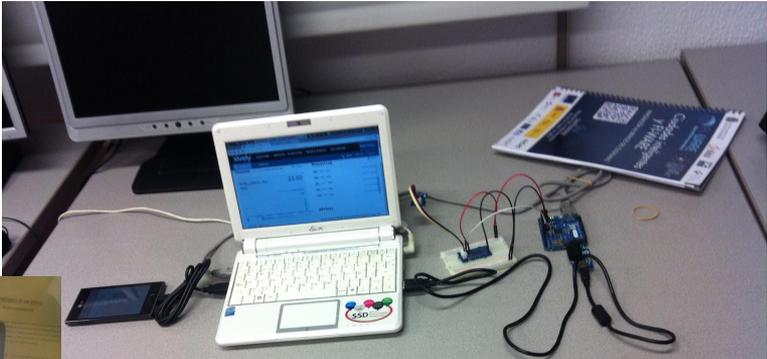
**POV**  
**Persistence of**  
**vision**



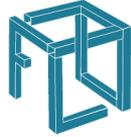
# Machine à dessiner



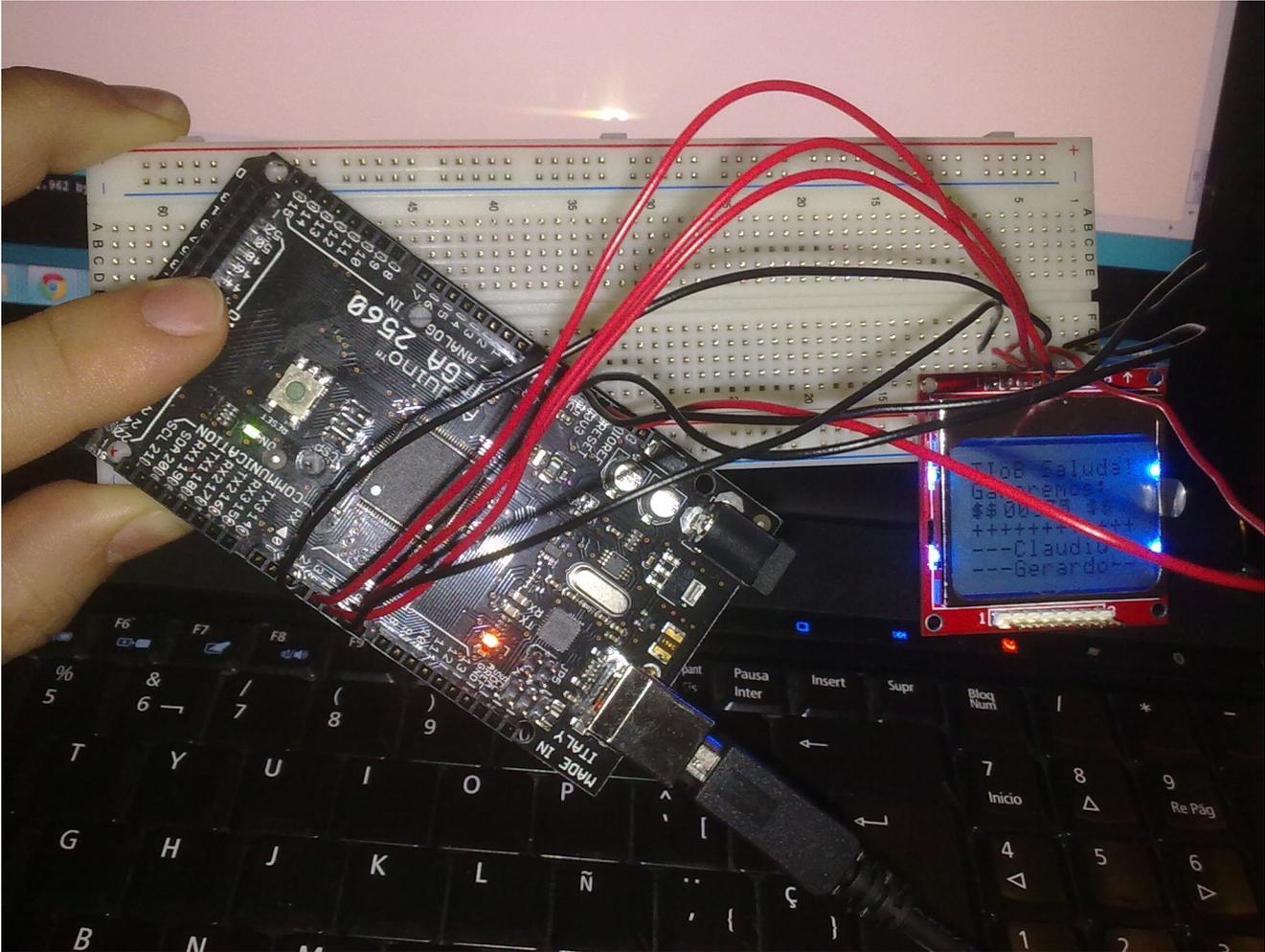
# HackLab ... IoT



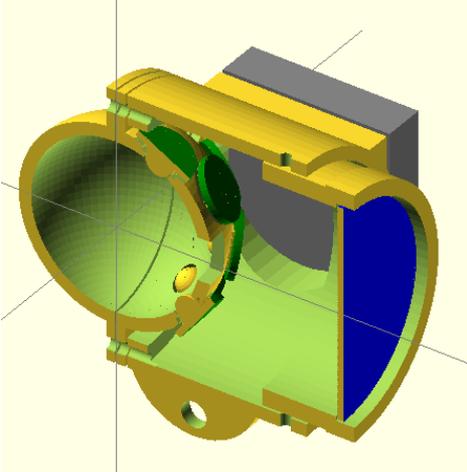
# HackLab ...



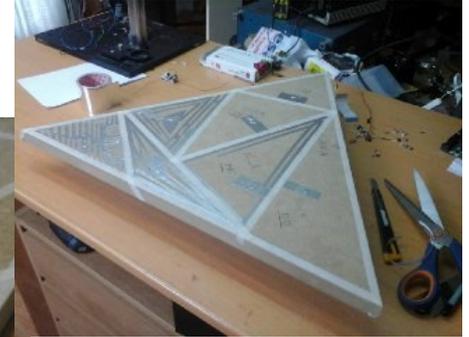
# HackLab ...



# Exposition « Parlamento de Cantabria »



## Arte Santander ...



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<http://artasantander.com/>

# Merci!

