

# Insight into Freedom hardware



**How can we define freedom?  
(Technical freedom)**

**Will such a philosophy help in  
alleviating the problems in the  
world??**



**Why do we need technical  
freedom?**

# Why do we need technical freedom?

- Improvement to standard of living in society
- Maintain a balance in society
- Unbiased technical growth
- Forking and contribution are most welcome



**Communities!**



# +ve's of Community Projects

- Transparency
- Democratic
- Respects your privacy
- Branching is allowed
- No end-user restrictions

# What is Freedom Hardware?!

- - Freedom 0: The freedom to use the product for any purpose.
  - Freedom 1: The freedom to study how the product works, and change it to make it do what you wish.
  - Freedom 2: The freedom to redistribute copies so you can help your neighbor.
  - Freedom 3: The freedom to improve the product, and release your improvements (and modified versions in general) to the public, so that the whole community benefits.



# Ongoing Projects/communities

- Open source ecology
- DIY Drones
- Avr Freaks
- Arduino
- Rep-rap/makerBot
- ArduSat ([ardusat.org](http://ardusat.org))

- Wikispeed
- Openmaterials
- Open wear
- Open structures
- Elphel-the openSource Camera

**The OpenSource Operating System  
that kickstarted Robotics industry!**

**ROS**



# Wanna be a part?

- Learn
- Teach
- Share
- Help
- Blog