

# I am

Andrew Katz

Lawyer – copyright/open specialist

And some time

coder (NeXT developer!)

[andrew.katz@moorcrofts.com](mailto:andrew.katz@moorcrofts.com)

Twitter: [andrewjskatz](https://twitter.com/andrewjskatz)

# Open Hardware

- Sometimes like software (copyright-like)
  - Circuitry
  - Semiconductor topologies
- Sometimes not (patents, reg'd designs)
  - Mechanical inventions

# Example projects

- Arduino
- Chumby
- OpenMoko
- OpenRISC
- OpenCola
- 40 Fires/Riversimple

# Arduino

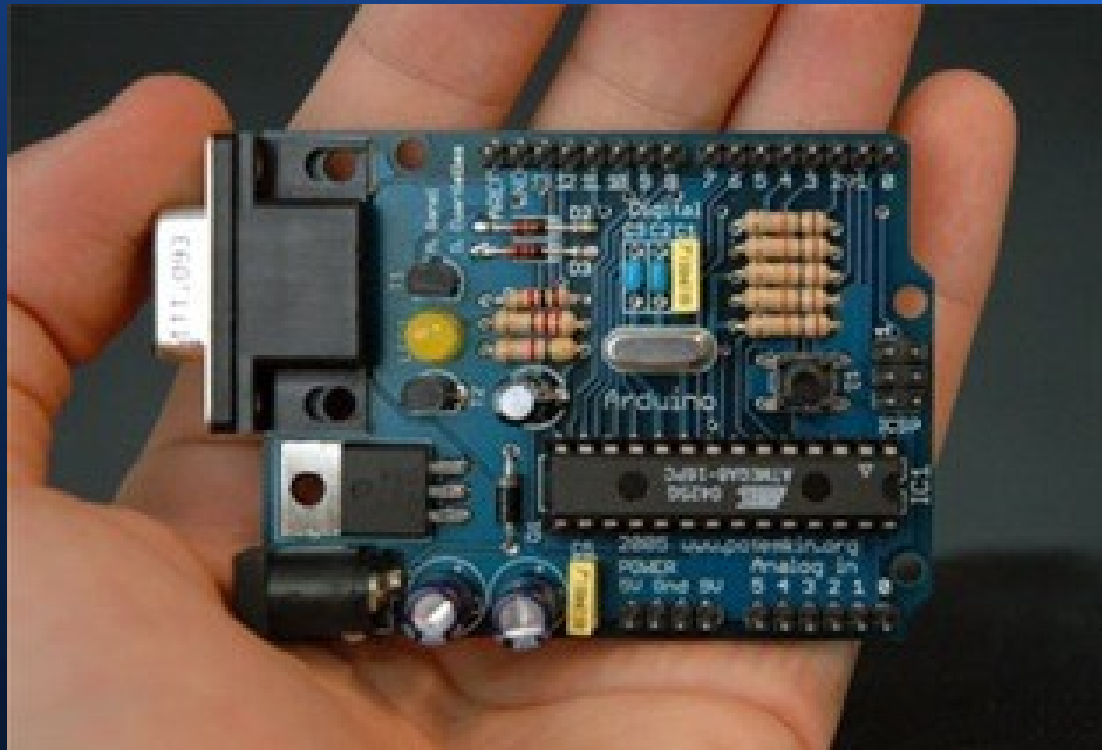


Photo by Nicholas Zambetti: see [www.arduino.cc](http://www.arduino.cc)

# Chumby

See [www.chumby.com](http://www.chumby.com)



# OpenMoko

[http://en.wikipedia.org/wiki/Neo\\_1973](http://en.wikipedia.org/wiki/Neo_1973)



# OpenRISC

<http://www.opencores.org/project,or1k>



# OpenCola

[http://en.wikipedia.org/wiki/OpenCola\\_%28drink%29](http://en.wikipedia.org/wiki/OpenCola_%28drink%29)



# 40Fires/Riversimple

See [www.40fires.org](http://www.40fires.org)



# Questions

- How do we create a community?
  - GPL model, or Apache model?
- Do we need to stop free riders? If so, how?
- Do we patent?
  - Funding
  - Confidentiality
- Commercialisation

# Possible answers

- Make barrier to entry as low as possible.
- Inventor decides whether to patent or not.
- Mechanism for inventor to choose who is in the “circle of trust” for patenting purposes.
- Establish a patent pool, like Open Invention Network
- Whuffie
- Public/private partnerships.

Thank you