

Laptop Liberation



Benjamin Mako Hill
<http://mako.cc>

One Laptop Per Child Project
Free Software Foundation



It's an education project, not a laptop project.
—Nicholas Negroponte

The ~~\$100~~
\$180 Laptop

I. Child Ownership

II. Low Ages

III. Saturation

IV. Connection

V. Free and Open Source

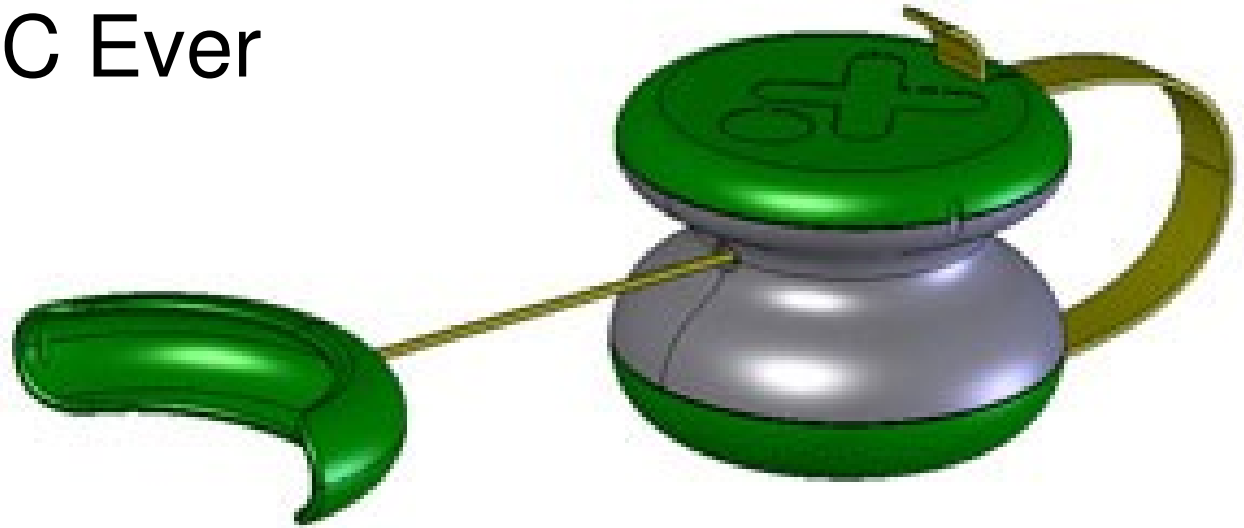
XO-1 Hardware



- AMD Geode 433MHz CPU
- 256MB RAM
- 1GB Internal Flash (+SD)
- Wireless Mesh Networking
- 6" x 4.5" Screen
 - 1200x800 B&W (Reflective)
 - 800x600 Color
- Camera 640x480
- USB Ports, Game Buttons
- Rugged/Water Resistant

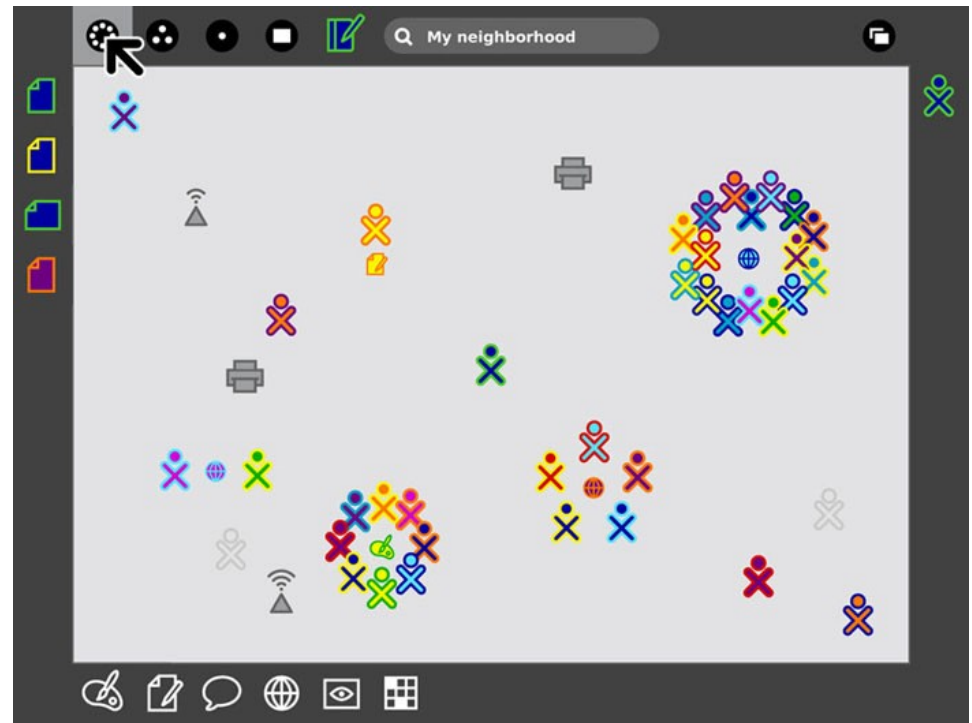
XO-1 Power Consumption

- Target Power: 1 watt
- Low Power Ebook Mode
- Flexible Input (10-20V)
- Human/Solar Power Options
- “Greenest” PC Ever



XO-1 Software

- New *Sugar* UI
- Few Words
- Activities instead of Applications
- Fedora and GNU/Linux
- Python, C, C++



Free Software

Free Software Defined

The freedom to...

- ... use software for any purpose.
- ... study and modify.
- ... distribute copies to others.
- ... collaborate and share your changes.

I. Child Ownership

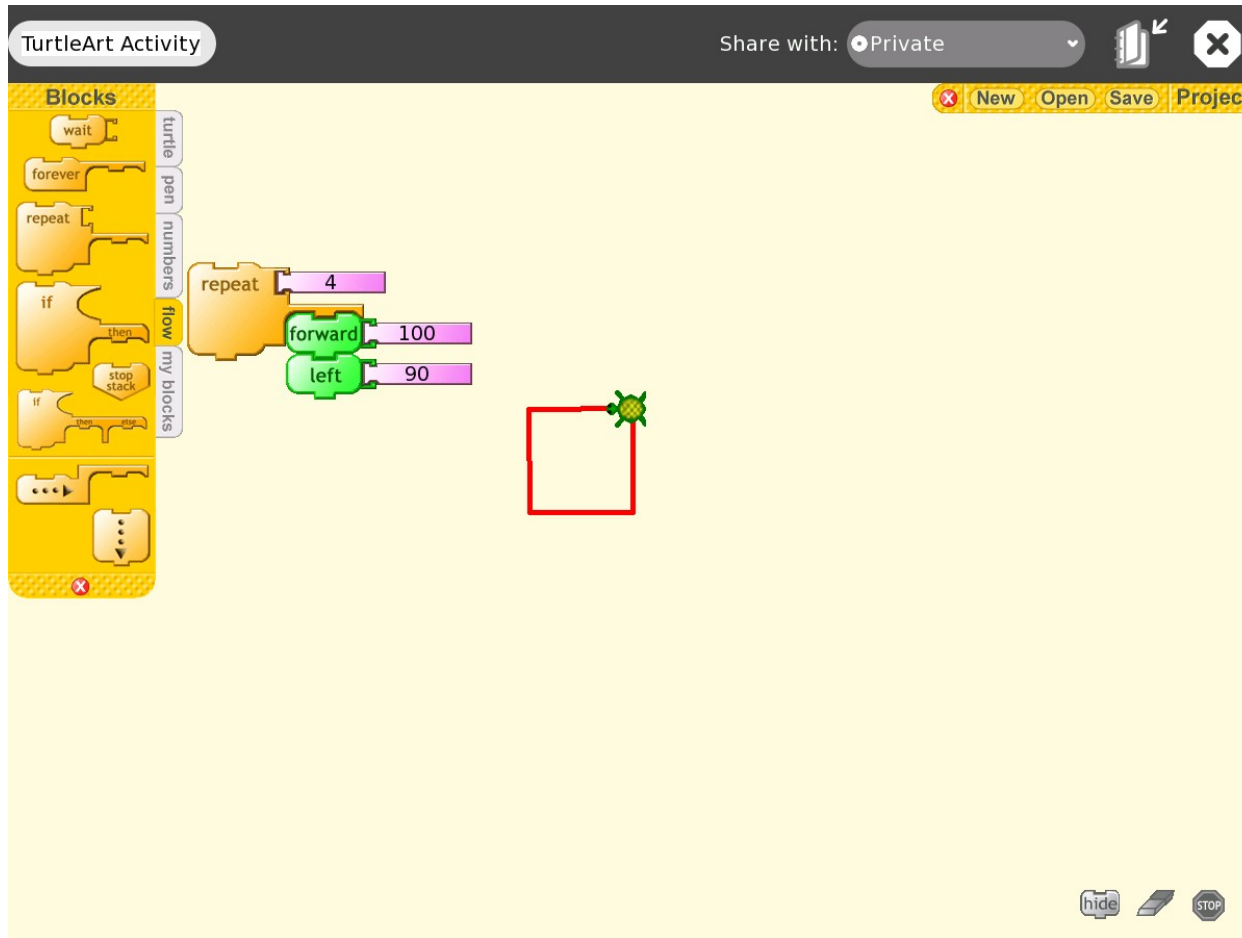
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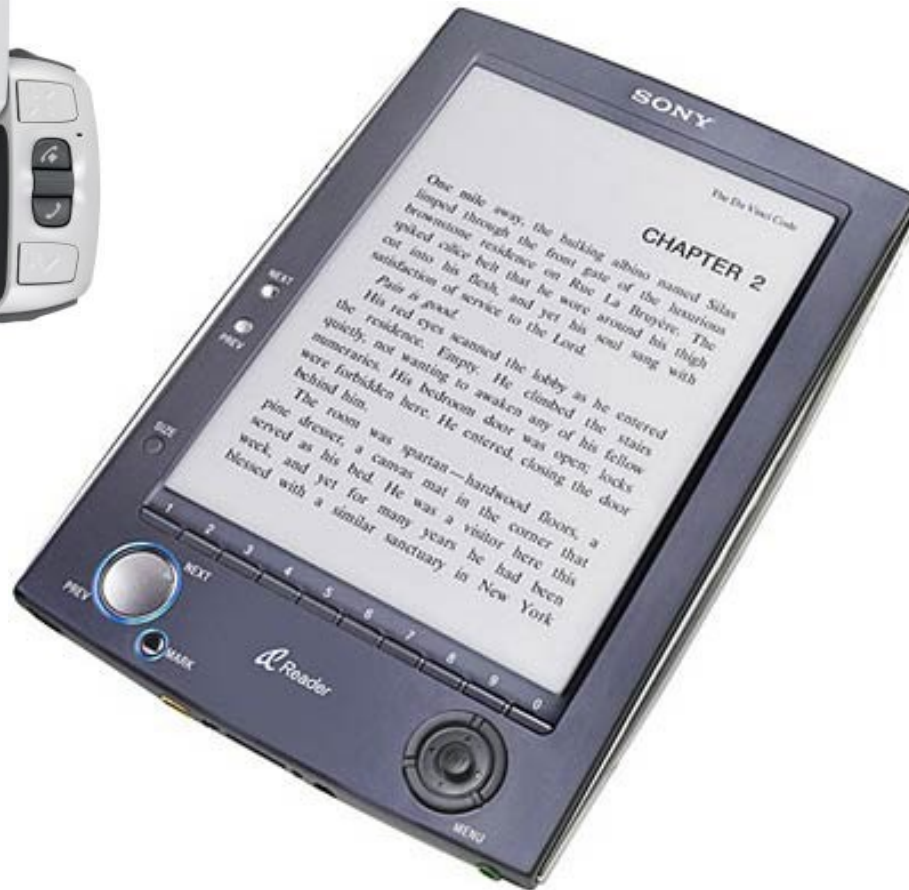
V. Free and Open Source

Pedagogical Philosophy



Learning, Not Teaching

Alternatives



One Laptop Per Child

<http://laptop.org>

<http://wiki.laptop.org>

Free Software Foundation

<http://www.fsf.org>

Give One.
Get One.



<http://laptopgiving.org>