Open Hardware

By Roy Schestowitz
Created 23/11/2016 - 9:23am
Submitted by Roy Schestowitz on Wednesday 23rd of November 2016 09:23:02 AM
Filed under Hardware [1] OSS [2]

Open-V, The First Open Source RISC-V Microcontroller [3]

Open Source software has been around for decades. Over these decades, Open Source software has been the driving force behind most of the Internet, and all of the top-500 supercomputers. The product of the Open Source software movement is perhaps more important than Gutenberg's press. But hardware has not yet fully embraced this supercharging effect of openness. Being able to simply buy an open source CPU, free of all proprietary bits and NDAs is impossible.

Open-source hardware makers unite to start certifying products[4]

Four years ago, Alicia Gibb was trying to unite a fragmented open-source hardware community to join together to create innovative products.

So was born the Open Source Hardware Association, which Gibb hoped would foster a community of hardware "hackers" sharing, tweaking, and updating hardware designs. It shared the ethics and ethos of open-source software and encouraged the release of hardware designs -- be it for it processors, machines, or devices -- for public reuse.

Since then, OSHWA has gained strength, with Intel, Raspberry Pi, and Sparkfun endorsing the organization. Its growth has coincided with the skyrocketing popularity of Arduino and Raspberry Pi-like developer boards -- many of them open source -- to create gadgets and IoT devices.
3D printed QuadBot Kickstarter combines open source robotics and STEM education[5]

Crowdfunding Watch: QuadBot, making robotics fun [6]

Manchester Graduates Hoping to Inspire With Their DIY Walking Robot[7]

Source URL: http://www.tuxmachines.org/node/95904

Links: