Open Source Software As Activism

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California Institute of Technology

March 4, 2017

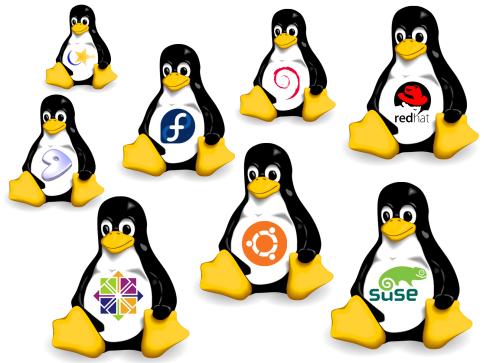


All software is political. Technology shapes the course of our world and lines of code are votes for a particular future.

Working on Signal iOS, 2013









Internationally renown security technologist. called a 'tecurity garuu by The Economist. He is the author of twelve books—including his seminal work, Appleto Crystography: Pranoolo Algorithms, and Source Code in C. and Secrets & Lies Digital Security.

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APPLIED CRYPTOGRAPHY

"This book should be on the shelf of any computer professional involved in the use or implementation of cryptography."

"An encyclopedic survey ... could well have been subtitled "The Joy of Encrypting" _ a useful addition to the library of any active or would be security practitioner."

- Cyptologia

"...easily ranks as one of the most authoritative in its field..."

"...monumental...fascinating...comprehensive...the definitive work on cryptography for computer programmers..."

APPLIED CRYPTOGRAPH

20TH ANNIVERSARY EDITION APPLIED CRYPTOGRAPHY



Protocols, Algorithms, and Source Code in C

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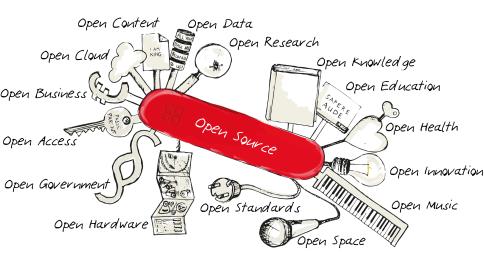
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we need more people to participate in the technologcal "do-ocracy." we cannot afford to gerrymander.

Working on Signal iOS, 2013



APPS THAT FIGHT RAPE

Move over, Mace, there's a new high-tech way to protect women from sexual violence

I Unwilling to tolerate rampant sexual titacke in the Indian capital of Delhi, where one of every four rapes in the country socurs, a local nonprofit has devised an ngenious way to keep women safe: the Fight Back" phone app. Acting as an SOS tevice, the program sends a text with the user's GPS location to up to five people, ncluding the police, and as a post on Facebook and Twitter. "Even if the fear is hat police are apathetic toward the problems of the people, your own friends and family will respond immediately," says Hindol Sengupta, cofounder of Whypoll, the "citizen networking" organization that designed the app.

For women in the U.S., the Department of Health and Human Services announced the development of two antiviolence apps: Circle of 6 will allow the user to alert six emergency contacts, and OnWatch will give women immediate access to 911 and campus police and dispatch their exact locations through GPS. Both are expected to be available as free downloads at the App Store in early 2012. —Lauran N. Williams Well-armed: Safety apps Circle of 6 (left) and OnWatch.

MARIE CLAIRE / JANUARY 2012





172. -----

A New App You Must Download Now

Called Circle of 6, this free app—it won first place in a contest sponsored by Vice President Joe Biden—helps you out of tricky social area and need a ride. Tap the car icon and a text goes out to six people you've previously chosen, asking for a lift and pulling your whereabouts from your phone's GPS. Or suppose you're desperate for a quick way out of talking to a creeper who's cornered you at a party. A tap on the phone icon asks the same six names for a phone call pretending they need you.

It's not for life-threatening scenarios; that's where 911 comes in.

MAY THE SOURCE BE WITH YOU!

ZPOP.IN RS



more evidence of #immigration turmoil in science: Prof unable to close hire of French Postdoc with Iranian heritage b/c they had other opt 4:34 PM - 3 Mar 2017



more evidence of #immigration turmoil in science: postdoc at Caltech choosing to leave US for another job early b/c immigration uncertainty 4:34 PM - 3 Mar 2017



Culture is more important than code, but code shapes culture.

November, 2016



Choosing not to be political is not a choice everyone can make.

November, 2016

Purpose	OS X	Ubuntu			
Edit text files	TextMate	Sublime			
Organize Research papers	Papers.app	Mendeley			
Resize windows on grid	SizeUp	CompizConfig Settings Manager			
Site specific browser (standalone web apps)	Fluid	Google Chrome Shortcuts			
Multiple desktops	Native	Unity tweak tool			



After being away for 1 year, so exciting to see how many more friends I can talk to on #Signal @whispersystems

1:34 PM - 6 Dec 2016



We are in a post-truth society. If every scientist/engineer behaved like this? Truth is not a function of number of views. It exists. 1:29 AM - 9 Nov 2016

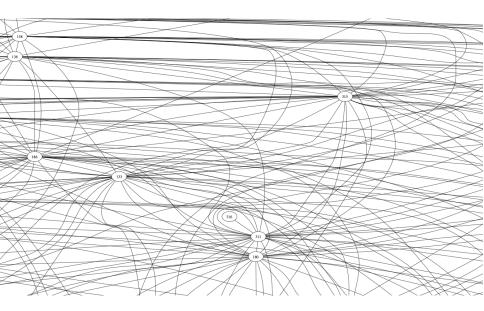


I have not yet developed my position on @wikileaks. I have the cables, the internet, now where to start? where to finish?

5:31 AM - 4 Dec 2010

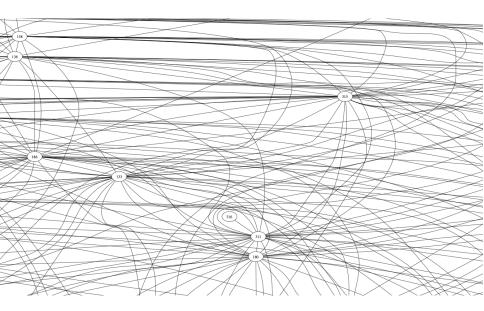


l like things thorough btw. before taking positions on Middle East affairs, I spent 4 years reading, studied Arabic, Hebrew, moved there 2x 5:33 AM - 4 Dec 2010 ⁴⁴ A week ago I hatched a plan to educate myself in a more structured manner on what exactly Wikileaks stands for, its history, and its possible futures with the idea of developing a more concrete and informed opinion (and since I have a habit of taking action with respect to my opinions, thereby guiding my future actions). After seeking some advice about what to read via twitter and starting with this Julian Assange essay as a basis-a very good one for some philosophical background of the larger aims, I spent awhile digesting the Wikipedia page on Wikileaks before deciding I wanted to fact check its assertions and that its references might serve as a springboard the next step in my studies

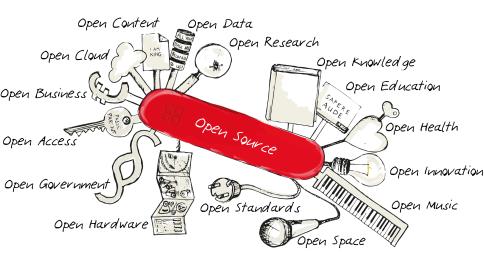


The Numbers 9% original no 47% 7% Yes-completely Yes-extensively yes-partially yes-limited secondary-extensively 11% secondary-partially secondary-limited 2% 8% inaccessible











inclusive empowering in open source will positively shape our social landscape moving forward and change our political landscape 11:00 AM - 4 Mar 2017