501(c)(3) non-profit organization dedicated to the research and development of technologies for online anonymity and privacy
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- increasingly diverse toolset:
  Tor, Torbutton, Tor Browser Bundle, TorVM, Incognito LiveCD, Tor Weather, Tor auto-responder, Secure Updater, Orbot, TorFox, Torora, Portable Tor, Tor Check, Arm, Nymble, Tor Control, Tor Wall
estimated 500,000 daily users
Twitter in Iran: Good.

Iran Protests: Twitter, the Medium of the Movement
By LEV GROSSMAN  Wednesday, Jun. 17, 2009

Behind the Scenes with Mousavi

Stories
• In Iran, Rival Regime Factions Play a High-Stakes Game of Chicken
• Latest Tweets on Fallout from Iran's

The U.S. State Department doesn't usually take an interest in the maintenance schedules of dotcom start-ups. But over the weekend, officials there reached out to Twitter and asked them to delay a network upgrade that was scheduled for Monday night. The reason? To protect the interests of...
Twitter in USA: Bad.

FBI Raids Queens Home in G20 Protest Twitter Crackdown

That's right, a Twitter crackdown. A lawyer for Jackson Heights social worker Elliot Madison, 41, says that the feds searched his client's house for 16 hours on Thursday after Madison was arrested on September 24th at a Pittsburgh hotel room with another man. What were they up to? Sitting at laptops sending Twitter messages advising G20 demonstrators about riot police activity in the streets. And yet real Twitter threats like Lindsay Lohan and Courtney Love remain at large.

Madison, a self-described anarchist, was in Pittsburgh volunteering for the Tin Can Comms Collective, a group that uses Twitter to send mass text messages during protests describing events observed on the streets or over police scanners; stuff like "SWAT teams rolling down 5th Ave." Tin Can was active during the St. Paul RNC protests, and the authorities are now on to them. Madison was charged with hindering apprehension or prosecution, criminal use of a communication facility and possession of instruments of crime; he's currently out on bail.

from http://gothamist.com/2009/10/05/fbi_raids_queens_home_in_g20_protes.php
Who uses Tor?

- Normal people
- Law Enforcement
- Human Rights Activists
- Business Execs
- Militaries
- Abuse Victims
Tor hides communication patterns by relaying data through volunteer servers
Measuring metrics anonymously

NSF grant to find out

Metrics portal:
https://www.torproject.org/projects/metrics
Tor hidden services allow privacy enhanced hosting of services

http://gaddbiwdftapglkq.onion/wiki/MoD%27how_to_stop_leaks%27_document_is_leaked

MoD 'how to stop leaks' document is leaked

October 4, 2009
By Tom Chivers (Telegraph)[1]

The Defence Manual of Security is intended to help MoD, armed forces and intelligence services prevent leaks to foreign spies and others.

But the 2,400-page restricted document has found its way on to Wikileaks, a website providing documents on government corruption and religious matters.
Operating Systems leak info like a sieve

• Applications, network stacks, plugins, oh my....

HI-JACKING HOT SPOT
Operating Systems leak info like a sieve

- Applications, network stacks, plugins, oh my.... some call this "sharing"
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- Did you know Microsoft Word and OpenOffice Writer are browsers?
Operating Systems leak info like a sieve

- Applications, network stacks, plugins, oh my.... some call this "sharing"
- Did you know Microsoft Word and OpenOffice Writer are browsers?
- http://www.decloak.net/ is a fine test
Mobile Operating Systems

- Entirely new set of challenges for something designed to know where you are
- Orbot: Tor on Android.
- iphone, maemo, symbian, etc
- Tor on Windows CE, http://www.gsmk.de as an example.
Next steps

Visit https://www.torproject.org/ for more information, links, and ideas.
who uses tor?
http://www.flickr.com/photos/mattw/2336507468/sizes/o/, Matt Westervelt, CC-BY-SA.

danger!, http://flickr.com/photos/hmvh/58185411/sizes/o/, hmvh, CC-BY-SA.