

CO POISONING BOOLSIC

Dan Hubbard CTO, @Websense

Monday, October 18, 2010



Websense Security Labs State of Internet Security, Q3 - Q4, 2009













Traditional



All about relevance with a sprinkle of prevalence. Oh and perhaps "intent".



All about time, trends, with a sprinkle of social graph and location.



Sashi Seth...

http://www.technologyreview.com/web/25110/



"The sheer amount of real-time data presents unique challenges for search. Because a lot of the data is nonauthoritative, noisy, or spammy, search engines need to build trust models that can determine what data is important and influential."

"Search engines must also determine the right balance between timeliness and relevance to each user. Further, real-time data needs to be indexed and updated instantaneously."





Web Video

haiti

Trending Topics: NBC, Golden Globes, Halti, Martin Luther King Jr., Jersey Shore, Shorty Award

Realtime results 🔕 Track this topic

Sort by: Pulse | Realtime

Haiti Radio | Earthquake Aftermath

"We were so used to power cuts here in **Haiti** that we had built a special system for when the lights go out," he explained, talking in his hectic...

www.globalpost.com/dispatch/the-americas/100120/haiti-earthquake-aid

Stat shared: seconds ago | 62 shares | Tweet it

First shared on 눝 by myworldnews 🎬



2

Weasel Zippers: Hugo Chavez: New US Weapon Caused Haiti... I could have sworn it was Booosh's fault... Danny Glover reportedly intrigued by Comrade Chavez' theory but still thinks it was caused by "global... www.weaselzippers.net/.../hugo-chavez-new-us-weapon-caused-haiti-earthquake...

Last shared: 6 minutes ago | 23 shares | Tweet E

First shared on 늘 by tsugap 💏

Latest tweets for 'haiti'

jadore_mizzkool: RJ.P to all the innocent, and beautiful soul in haiti. And to those who r still struggling we hear ur cries. -58 seconds ago from UberTwitter - reply - retweet

mister_JT: RT @MattMorris: TOMORROWI'm performing with @JTimberlake on Hope For Haiti Now. Click for details. (please RT) http://tumbir.com/xd5q5vvvm -56 seconds ago from web - reply - retweet







Do we really know what real-time search is used for yet?

My .02: NO.This is just the beginning!





Have we really thought through security models of real-time search?



My .02: NO. This is just the beginning!





Fun-duh-mentals.....

POISONING CAL

API's are very easy to use and open

• API's are anonymous / trace

 Data must be delivered in real-time leaving little room for filter algorithm cycles. Fire-hose dwarfs Moores law in growth

• "Joe the plumber" can compete with CNN.

"In the future we will not look for the NEWS, the NEWS will find us, or we will create the NEWS. The future is NOW"

socialnomics

iow social media transforms th way we live and do business

erik qualman





THE TRUTH IS OUT THERE

"Measuring truth and intent is pretty darn hard and but tricking man and machines is pretty darn easy" Web Images Videos Shopping News Maps More | MSN Hotmail

Or Social

| HOTTEST SOCIAL TOPICS | | GLEE |
|--------------------------|---|--|
| Glee | > | See all social results for this topic |
| Carling Cup | | TOP SHARED LINKS |
| k Michelle | | Pinoy Channel Pinoy24.TV Pinoy TV - Charice Actual Auditon Video For Glee! (www.pinoy24.tv/video/25452/Charice-Actual-Auditon-Video-For-Glee-Halo-EMBED-ONLY |
| Northampton | | Hulu - Glee: Audition - Watch the full episode now. |
| Lyfe Jennings | | www.hulu.com/watch/178226/glee-audition |
| Registry | | RECENT PUBLIC UPDATES |
| Birthday Love | | Celebrity Gossip: Gwyneth Paltrow will star in two episodes of #Glee as a sub tead coach Mr Schuester http://bbc.in/8XBmYQ (bbc.co.uk) · Facebook · 2 hours ago |
| Newcastle | | Coach wir Schuester http://bbc.in/oxbining (bbc.co.uk) Tacebook 2 nours ago |
| Harvest | | ashsimpsonwentz: Who is ready for glee tonight? @dannykurily might be a little to http://twitpic.com/2qpc7w · Twitter · 1 day ago |
| Svu | | Celebrity Gossip: RT @GleeonFOX: Get a sneak peek at next week's all-new Britr |
| SOURCE | | celeb episode of #GLEE: http://bit.ly/aojv3s (youtube.com) · Facebook · 1 hour ago |
| E Twitter | | GLEEONEOX: Check out photos from "Britney/Britteny" airing next TLIE at 8/7cl htt |

 SOURCE E Twitter Facebook

 TIMEFRAME Past Hour Past Day Past Week

> h Paltrow will star in two episodes of #Glee as a sub teacher for Glee /bbc.in/8XBmYQ (bbc.co.uk) · Facebook · 2 hours ago

Q

ready for glee tonight? @dannykurily might be a little too ready · Twitter · 1 day ago

leeonFOX: Get a sneak peek at next week's all-new Britney / Brittany bit.ly/aojv3s (youtube.com) · Facebook · 1 hour ago



GLEEonFOX: Check out photos from "Britney/Brittany" airing next TUE at 8/7c! http://bit.ly /9BwF9d #GLEE · Twitter · 44 minutes ago

WITHIN THIS TOPIC

Britney Spears, Gwyneth Paltrow, John Stamos People

Keywords awesome, amazing, sad, excited, funny

Web Images Videos Shopping News Maps More | MSN Hotmail

bing Social

HOTTEST SOCIAL TOPICS

Carling Cup

Northampton

Lyfe Jennings

Birthday Love

Newcastle

Harvest

Svu

SOURCE

Twitter

TIMEFRAME

Past Hour

Past Day

Past Week

Facebook

Registry

k Michelle

Glee

GLEE

>

See all social results for this topic

TOP SHARED LINKS

Pinoy Channel | Pinoy24.TV | Pinoy TV - Charice Actual Auditon Video For Glee! (... www.pinoy24.tv/video/25452/Charice-Actual-Auditon-Video-For-Glee-Halo-EMBED-ONLY

Hulu - Glee: Audition - Watch the full episode now. www.hulu.com/watch/178226/glee-audition

RECENT PUBLIC UPDATES



Celebrity Gossip: Gwyneth Paltrow will star in two episodes of #Glee as a sub teacher for Glee coach Mr Schuester http://bbc.in/8XBmYQ (bbc.co.uk) · Facebook · 2 hours ago



ashsimpsonwentz: Who is ready for glee tonight? @dannykurily might be a little too ready.... http://twitpic.com/2qpc7w · Twitter · 1 day ago



Celebrity Gossip: RT @GleeonFOX: Get a sneak peek at next week's all-new Britney / Brittany episode of #GLEE: http://bit.ly/aojv3s (youtube.com) · Facebook · 1 hour ago



GLEEonFOX: Check out photos from "Britney/Brittany" airing next TUE at 8/7c! http://bit.ly /9BwF9d #GLEE · Twitter · 44 minutes ago

WITHIN THIS TOPIC

People Britney Spears, Gwyneth Paltrow, John Stamos Keywords awesome, amazing, sad, excited, funny







Social Graph Hacking



Creo Hacks



Most real-time search engines are based mostly off of the stream in sequence regardless of who you are.

Grab top trends and simply post tweets linking to malicious sites

Post from multiple accounts with multiple URL's that all have the same code

Post with images (exploits) and URL's

Pause and post. Tweet malicious URL...sleep 10...tweet again with different account....sleep 10...



Predict future events and post tweets to be first



| <u>م</u> ا |
|---------------|
| 10 |
| 1 |
| |
| - |
| 13 |
| 3 |
| |

| boston marathon ryan hall (Search) | Advanced Search |
|--|---|
| Results for boston marathon ryan hall 0.09 seconds the dubbard858: Running with Ryan Hall in Boston Marathon http://twitcic.com | Eeed for this query |
| half a minute ago from Twitpic - Bepty - View Tweet | Show tweets written in: Any Language |
| Pmswanepoej: Ryan Hall falling off the pace of the leaders at the Boston Marathon half a minute ago from TweetDeck · Beply · View Tweet | Trending topics: |
| wassdaddy: Perfect day? Let's have the Sox win, Bruins win, and Ryan Hall win the Boston Marathon. 4 minutes ago from TweetDeck · <u>Reply</u> · <u>View Tweet</u> | This Is Apple's Next OMGDUVALFACT #MusicMonday #simplemathematics |
| witcfire161080: At the Boston Marathon 10k checkpointRyan Hall ahead by :01Keep it up Ryan!! Only 20 miles to go :) 4 minutes ago from web - <u>Besty - View Tweet</u> | Justin Bieber JIDoit2 Eashtag Boston Marathon Emoveforward |
| knewdy: Everyone should cheer for ryan hall (@ryanhal3) to win the boston marathon! He's in the lead pack with 17 miles to go 11 minutes ago from web - <u>Beply</u> - <u>View Tweet</u> | Nitty queries: |
| bobbrinker: Ryan Hall running the Boston Marathon live on Universal Sports TV. 1963 was lat time an American runner won the event. 13 minutes ago from web - Beply - View Tweet | - "Is down" movie 3 - "happy hour" near:SE - Ehaiku |



hinunn: RT @kpstanfii: the 114th Boston Marathon is underway. It's been 27 years since an American male has won, pulling for Ryan Hall and Meb Keflezighi. 13 minutes ago from web - Bepty - View Tweet

| Google | boston marathon | Search | Advanced.Search | | |
|----------------------------------|--|-------------------------|-----------------|--|--|
| Web > Latest | ide options | | | | |
| All results | New results will appear below as they become a | vailable. Pause | | | |
| Images Videos | Heading back to Dover after covering the 114th | Boston Marathon. | | | |
| News | JohnDoyle603 - Twitter - 23 seconds ago I'm sitting on the train with a man who just ran the Boston marathon, he's 72years old Pimpressive | | | | |
| Blogs Updates Books | | | | | |
| Discussions | emman02136 - Twitter - 52 seconds ap | 10 | | | |
| Any the | I finished Boston marathon from San Diego? | | | | |
| Past 24 hours Past week | dhubbard858 - Twitter - 1 minute ago | | | | |
| Past year Specific date range | my uncle finished the boston marathon :) I fini | shed a drink. Ilbostonn | narathon | | |
| Reset options | APJen - Twitter - 1 minute ago | | | | |

"listening to"

· love OR hate

· flight :(



Latest tweets for 'tweeting from boston marathon'



dhubbard858: tweeting from Boston Marathon in 35,445 place..http://bit.ly/bgFU6E 6 minutes ago from web - reply -



nikki p1x: Follow @ipadrunner today, it's @jasonjedrusiak running the Boston Marathon. He'll be live tweeting during the face from his ipad! 2 hours 47 minutes ago from web - reply - retweet

search.twitter.com/search?q=tweeting from boston marathon













Typo-attacks working well







Some real-time search providers attempt to map social graphs into their relevance algorithms.

Getting followers and following in Twitter

Seeding the engines with good posts over time

Taking control of good accounts for bad purposes (app attack)

 Linking accounts across data streams (Facebook, Twitter, Myspace, etc).



- who are you?
- who do you know?
- who do they know?
- who are you following?
- who are they following?
- who is following you?
- where are you?

Every Dimension = a revenue opportunity but also an additional attack surface





Dan Hubbard,

Your application to be an Ad.ly advertiser has been APPROVED and now needs your activation.

To complete your sign up, activate your account here or copy and paste the following link in your browser: http://ad.ly/account/activation/ZGh1YmJhcmRAd2Vic2Vuc2UuY29t:2mc:160b3a34c8da12dc6925

As an approved advertiser, you can now access our self-service platform and advertise with any Ad.ly publisher.

If you have any questions, please email advertisers@ad.ly

- Ad.ly Team

Signup as an advertiser (ad.ly) and pay people: \$10,000 per Tweet to reach 3.2 Million followers!!!!

| Twitter Publisher | Followers | * \$ Per Tweet | |
|-------------------|-----------|----------------|-----------|
| TC TechCrunch | 1,365,601 | \$10,000 | More Info |
| Ryan Sheckler | 1,505,148 | \$8,750 | More Infe |
| Nick Cannon | 1,672,417 | \$7,200 | More Infe |
| Gossip Girl | 1,460,957 | \$6,800 | More Infe |
| LeVar Burton | 1,604,168 | \$6,250 | More Inf |
| Paul Pierce | 1,516,711 | \$5,734 | More Infe |
| Dr. Drew | 1,900,493 | \$5,349 | More Inf |
| soleil moon frye | 1,423,962 | \$5,200 | More Inf |
| Denise Richards | 1,617,659 | \$5,000 | More Inf |
| Eliza Dushku | 521,444 | \$4,300 | More Infe |
| CBOE CBOE | 761,230 | \$3,783 | More Infe |
| Mandy Moore | 1,915,490 | \$3,500 | More Inf |
| Greg Grunberg | 1,416,300 | \$3,445 | More Infe |



"NBA playoffs"



These guys put the fun in funeral! Check out Chris Rock & Tracy Morgan in @DeathAtAFuneral.Get tix http://bit.ly/bZ5TC1 #NowPlaying (Ad)

6:15 PM Apr 15th via Ad.ly Network

I 200 clicks on release. Is it worth it?





Home Profile Find People Settings Help Sign out

Don't know how that Leighton Meester sex tape tweet got into my stream here. Sorry all. Sad thing is that I don't even know who she is!



Compromise a well known user. Its cheaper than buying tweets.

High profile Twitter hack spreads porn Trojan

Malware posted to Guy Kawasaki's Twitter page attacks the Mac and the PC

By <u>Robert McMillan</u>, IDG News Service June 23, 2009 08:41 PM ET





Getting people to follow you is pretty easy

Look for spammers first...(not too hard)

Look for people who are clearly autofollowing



Follow the auto-followers, they will follow you

Add an account that has social / timely characteristics and then start following people in the same peer group

Recommendation: simulate clicks and don't use the API's to go under the radar longer





| GMail | | Search Mail Search the Web Constraints A Line | | | | | |
|------------------------|--|---|-------------------------------|-----------|--|--|--|
| Compose Mail | Free Trial - Mass Email - www.iC | Iontact.com - 99.9% Highest Inbox Deliverability. Test Drive our Mass Emailer Free! | Assultance add 10 | stand < > | | | |
| Intex (195) | Archive Report spam Delete | Move to + Labels + More actions + Editesh | 1 - 50 of 203 Older | a Oldesta | | | |
| Buzz 🥯 | Select All, None, Read, Unread, Starred, Unstarred | | | | | | |
| Stated 2 | E B 🕆 Twitter | Confirm your Twitter account, loccontrol! - Hi, loccontrol, Please confirm your Twitter acco | ount by clicking this link: h | Apr 26 | | | |
| Sent Mail Drafts | E Twitter (2) | Confirm your Twitter account, locsample! - Hi, locsample. Please confirm your Twitter acc | ount by clicking this link | Apr 26 | | | |
| | E Twitter | 방경 is now following you on Twitter! - H, Lady Gaga Gossip. 등관 (chisaayu) is now followi | ing your tweets on Twitter | Apr 23 | | | |
| Personal | 20 Twitter | erika ramos vila is now following you on Twitter! - Hi, Lady Gaga Gossip. erika ramos vila | (erk 3005) is now follow | Apr 23 | | | |
| 6 more - | E Twitter | Direct message from Fuaad Alawi - H, KimKardashian Gossip. You have a new direct mess | sage: fusadalawi: fusadal- | Apr 23 | | | |
| | E Twitter | Javier Aguilar is now following you on Twitter! - Hi, Paris Hiton Gossip. Javier Aguilar (bo | ryrocks23) is now followir | Apr 23 | | | |
| Contacts | 🗐 🗇 Twitter | karlene johnson is now following you on Twitter! - H. Lady Gaga Gossip karlene johnson | (michitown123) is now f | Apr 23 | | | |
| Tasks | 🛯 🗟 🖄 Twitter | Aaliyah Laliberte is now following you on Twitter! - Hi. Paris Hiton Gossip. Aalyah Laliber | rte (butterfly98) is now to | Apr 23 | | | |
| - Chat | E Twitter | Ludyhaila Pádua is now following you on Twitter! - Hi, Lady Gaga Gossip, Ludyhala Pádu | a (ludyhailapadua) is nos | Apr 23 | | | |
| Search, add, or invite | E Twitter | Direct message from dina marcela rivas - Hi, Paris Hitton Gossip. You have a new direct n | nessage: dimariza: Hi Pa | Apr 23 | | | |
| Web Security | E B 🕆 Twitter | Emylle is now following you on Twitter! - Hi, Paris Hiton Gossip. Emylle (emylle14) is now | following your tweets on | Apr 23 | | | |
| Set status here | E Twitter | Amanda Phares is now following you on Twitter! - H. Lady Gaga Gossip. Amanda Phares | (AmandaleaPhares) is r | Apr 23 | | | |
| | 🗄 🗟 🖄 Twitter | Matheus Palmeira is now following you on Twitter! - H. Lady Gaga Gossip. Matheus Palm | neira (MathArietti) is now | Apr 23 | | | |
| Cotons* Add.contact | 🗌 🗐 🕆 Twitter | Camille Washington is now following you on Twitter! - H, KimKardashian Gosaip. Camile | Washington (Cam_Blaci | Apr 23 | | | |
| - Invite a triend | 🛯 📾 🏫 Twitter | dina marcela rivas is now following you on Twitter! - H. Paris Hilton Gossip. dina marcela | a rivas (dimariza) is now | Apr 23 | | | |
| Give Gmail to: | 🗐 🛱 Twitter | F. Bertolini is now following you on Twitter! - Hi, Paris Hiton Gossip. F. Bertolini (XOXOB) | ertolini) is now following : | Apr 23 | | | |
| | 🗐 🗇 Twitter | Michelle Gross is now following you on Twitter! - Hi, Lady Gaga Gossip. Michelle Gross (| Mgdragon30) is now tolk | Apr 23 | | | |
| sent Invite 50 left | 🗄 😡 💭 Twitter | Direct message from Manuel Diaz - Hi, KimKardashian Gossip. You have a new direct message | DiazManuel DiazManue | Apr 23 | | | |
| Entwice Invite | 🔝 🗇 Twitter | Direct message from WhiteningOnWheelsSCV - Hi, Paris Hilton Gossip. You have a new d | lirect message: WOWVa | Apr 23 | | | |
| | 🗐 🖄 Twitter | WhiteningOnWheelsSCV is now following you on Twitter! - Hi, Paris Hilton Gossip. Whiter | ningOnWheeIsSCV (WO* | Apr 23 | | | |
| | 🗐 🗇 🗇 Twitter | Howmarly González is now following you on Twitter! - Hi, Paris Hilton Gossip. Howmarly | Gonzalez (Howmarly) is r | Apr 23 | | | |
| | 1 G Twitter | Direct message from Rahul kalita - Hi, Paris Hilton Gossip. You have a new direct message: Ral | hul_kalita: My triend and i | Apr 23 | | | |
| | Twitter | Uthink is now following you on Twitter! - H, Paris Hilton Gossip. Uthink? (luv_uriko) is now | a following your tweets or | Apr 23 | | | |
| | 🗐 🗐 Twitter | jeah2509 is now following you on Twitter! - H; Lady Gaga Gossip. jeah2509 (jeah2509) is | now following your tweet | Apr 23 | | | |
| | 🗄 🗐 🏦 Twitter | Luly Titlanny's is now following you on Twitter! - Hi, Paris Hitton Gossip. Luly Titlanny's (Li | ulyTiffannys) is now follow | Apr 23 | | | |
| | 🗄 🗐 🚔 Twitter | Direct message from Alanna Wilkins - Hi, KimKardashian Gossip. You have a new direct me | essage: questingchick26 | Apr 23 | | | |
| | 🗄 🗟 🖄 Twitter | michelle is now following you on Twitter! - Hi, KimKardashian Gossip. michelle (sidestepp | en) is now following your | Apr 23 | | | |
| | E 🛛 🗇 Twitter | LADY is now following you on Twitter! - Hi, Paris Hilton Gossip. LADY (LADYLOVER23) is now fo | ollowing your tweets on 1 | Apr 23 | | | |
| | 🗄 🗟 🖄 Twitter | obed alfonso vazquez is now following you on Twitter! - Hi, Lady Gaga Gossip. obed alfo | onso vazquez (alfonsobe | Apr 23 | | | |
| | 🛛 🗐 🖄 Twitter | CRHISTOFER CALZADOS is now following you on Twitter! - Hi, Paris Hitton Gossip. CPHI | STOFER CALZADOS (CI | Apr 23 | | | |
| | 2 G O Twitter | New is now following use on Twitteri. At Lark Gass Gessin, New Developed1000 is new t | Too showed succe adjusted | Anr 23 | | | |



400 followers took 3 days. You have to trickle in your following or you will get bumped. Magic number seems around 50-75 per day per account. Of course you could create hundreds of accounts though.









QI: Do users *really* understand what they are agreeing to by allowing an app access?
Q2: Do developers *really* understand what access

rights they have when people add their app?



| AL | 10-100 1 | riends 100-1000 friends | 1000+ triends | Chum (new!) | |
|----|----------|---------------------------|---------------|--|--|
| Tw | itter (| Clients, Apr 26, | 2010, 1000- | 100000 friends | |
| | | | | | |
| | | | | (hwitstat that follow over 1,000 other | |
| | | | 10.00 % | 316 | |
| | | TweeDeck | 8.82% | | |
| | | hellerhead | 6.65% | | |
| | 10 | Herifulle | 5.10% | | |
| | (0) | Tweete | 485% | 3.69 | |
| | | foregains | 442% | | |
| | | AR | 425% | 1.00 | |
| | | TaxetMena | 332% | | |
| | | TweeDeck | 2.64% | | |
| | (14) | Facebook | 2.64% | | |
| | | Domania | | | |
| | | Coope | 2.0% | | |

| Featured By Faceb | look | | | |
|--|---------------------|---|--|-------------|
| Mobile Arcade Test drive the latest before you drive the friends and discover | em. Share with | with drawin | you express yoursell gs. You don't have to it's easy to get starte | be Grattiti |
| Applications You | May Like | | Page 1 of | 20 🗵 🕨 |
| FarmVille | Birthday Cards | Texas HoldEm Pok | Café World | Mafia Wars |
| FARM VILLE | rockyout | **** | **** | |
| Treasure Isle | PetVille | Happy Aquarium | FishVille | Pet Society |
| 13 | atino | | Fish Ville | |
| **** | **** | **** | **** | ***** |
| Games: Provin | Recently Added | | | See All |
| Fa | rmVille by Zynga | | | **** |
| WHITE Lan | | own to the Farm today and and see what everyone is ive users | | |
| Bir | rthday Cards by Re | ockYou! | | **** |
| for | | our friends! Create a custo e your birthday calendar, g r birthday Zool | | |
| JUCKUDU 34 | 819,570 monthly act | ive users | | |

> 250 listed Twitter
applications. 65% have
> 1000 friends / users

> 5,000 Facebook
 applications. Games are
 the most popular.



Create some apps within popular social web that does something good for free

API's access gives you a LOT of power. eg: you can read, write, create, delete posts, and modify / edit social graphs

Its being done already but could be a lot smarter. I have seen fake Facebook apps but not others yet (eg:Twitter)

Once you have access you can post and modify accounts and details on accounts

All your Social Graph Belongs to US !!!





Geo Hacks

Over time GEO will play a larger role in ranking real-time data

API's that exist today allow you to send your own latitude and longitude however

Some also may use the IP Address of where you are but its not too hard to spoof, proxy, or TOR to get other desired destinations

Assuming GEO plays a larger role you could target folks based on geography

Eventually I imagine GEO getting even more granular (see ambient streams future) where you could target exact locations


Geo Hacks



Monday, October 18, 2010



Creo Hacks









Tweets nearby Dallas, TX about anything







ynergy: Sum > parts

Latest tweets for 'tweeting from boston marathon'



hubbard858: tweeting from Boston Marathon in 35,445 place..http://bit.ly/bgFU6E 6 minutes ago from web - reply etweet

nikkif610: Follow @ipadrunner today, it's @jasonjedrusiak running the Boston Marathon. He'll be live tweeting during the race from his ipad! 2 hours 47 minutes ago from web - reply - retweet

search.twitter.com/search?g=tweeting from boston marathon

| AND SOD ATION | The Boston Marathon is busy with some record book re-writing. Congrats to Robert Kiprono Cheruiyo (Course Record 2:05:52), and Ernst Van Dyk (nine division titles, the most ever) on their new records, and als women's winner Teyba Erkesso of Ethiopia, and Wakako Tsuchida of Japan who won her fourth consecutive women's wheelchair division title. Int Tuesday | | | | | |
|--------------------------|--|---------------------|--|--|--|--|
| 5 5 1 | Wall Info Photos Discussions | | | | | |
| | [attended and the second second | 1 | Create an Ad | | | |
| | Write something | Solar Power for \$0 | | | | |
| BOSTON MARATHON | Attach: 🗊 | Share | Down | | | |
| Suggest to Friends | | Q Filters | 24 | | | |
| Subscribe via SMS | Dan Hubbard What a great marathon. Tough but well worth the training. | C. Pillers | SolarCity | | | |
| The 2010 Boston Marathon | 2 seconds ago - Comment - Like - Report | | Install a home solar system so you can sa | | | |

| | | | | division titles, the most ever) on their new records, and a akako Tsuchida of Japan who won her fourth consecutive |
|------|------|--------|-------------|---|
| Wall | Info | Photos | Discussions | |
| _ | | | | Create an Ad |

| 1 | Write s | Write something | | | | |
|----|---------|---|-----------|-----------------------------|--|--|
| N. | Attach: | | Share | Solar Power for \$0 Down | | |
| | | Dan Hubbard What a great marathon. Tough but well worth the training. | Q Filters | SolarCity | | |
| | 100 | 2 seconds ago - Comment - Like - Report | | Install a home solar | | |



Relevant topic current event!

Social Graph member 14,000 members of **Boston Marathon** Facebook page like what I like.

Posted from Boston finish line



Monday, October 18, 2010





When will Trojans use open API's? Its not a matter of *IF* its a matter of *WHEN* and *HOW* often.



Bot Net rentals start using public API's

Bot Net uses TOR and other hidden networks and proxy capabilities. Approximate size = 100,000 nodes

Registers 5 accounts per day in Facebook, Twitter, Myspace, Google API's, and now controls 14 Million + accounts in 1 week (100,000 * 5 * 4 * 7)

Use the social grid messaging systems to control the BotNet. Use tactics similar to MebRoot and others. Entire BotNet should be P2P and controllable through messages across social graphs



Lets think evil, what would you do?







Pull common headlines and build reputation with Tweets

Distribute password cracking on top X Twitter and Facebook users

Suild up GEO specific popularity for future attacks that rely on GEO

Start infiltrating others to join mine

















Latitude/Longitude and pinpoint "AKA location aware" targeted services are particularly scary because they could transcend the attacks from virtual to meatspace.



Latitude/Longitude and pinpoint "AKA location aware" targeted services are particularly scary because they could transcend the attacks from virtual to meatspace.





Already a liar? Login

Lie to Your Social Network!

Pinnokio shares little white lies about what you're doing through your Twitter, Facebook, and foursquare accounts.

Become a Liar

Learn More

We all use Facebook, Twitter, and foursquare to brag to our social network about the cool things we do. With Pinnokio, there is no reason to let the truth stand in the way of a good story.

Connects to Your Accounts On Popular Social Networks

Pinnokio works with the most popular social networks, including Facebook, Twitter and foursquare. And it's easy to connect them!

View Our Story Gallery or Create Your Own Story

Pinnokio gives you the option to use one of our pre-configured stories to share with others. Or use our Story Builder to create your own.

No One Will Know Your Posts Aren't the Real Deal

Pinnokio covers its tracks. None of your social network accounts will show any evidence that you're using our service.

Story Gallery

Below are some pre-configured stories you might want to share with your social network.



Date with a Beautiful Girl in New York

Why not let everyone in your social network think you're on a date with a beautiful girl? Includes check-ins at a nice restaurant and lounge, and a few other messages about the night out.





Meeting with Potential Clients in New York

Want to play hookie? Let everyone back at the office think you're running around New York, meeting with potential clients and making sure work is getting done.

Register



Running Errands for the Wife in San Francisco

Need a day out of the house? Let the wife think you are getting your list of errands done and finishing up your honey-do list. Instead, go enjoy the day doing whatever you want.

Register



Drinkin' with Mikey in Las Vegas/Los Angeles

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed volutpat, nisi id suscipit suscipit, risus erat ultricies mi, nec ultricies nunc ligula in ante. Cras dapibus mollis porttitor.







Next project: hacking Google Instant search and hacking foursquare.



dhubbard @ websense.com

That's you!

≣ Lists ▼

Thanks, Questions and other Evil Thoughts?

5 minutes ago via web

Dan Hubbard CTO, @Websense.com

• www.websensesesecuritylabs.com