Of Digital Stuff And Making Your Location History On The Interwebs

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Edinburgh Earth Observatory
Edinburgh University, UK
55.948674, -3.18384
I’m Gary; a Geo-Technologist and a Geographer at heart
Director, Web & Community, Nokia Location & Commerce
http://www.vicchi.org - http://www.garygale.com - @vicchi
http://vtny.org/l0
A man using Apple Maps walks into a bar. Or maybe a hospital... or possibly a church.

Too Much Schadenfreude
Big Data vs. My Data
Finished?
Big Data vs. My Data

We all produce a staggering amount of data. Whether it’s Facebook or Twitter status updates, Instagram or Flickr photos or Foursquare check-ins, this data is both immensely personal and is often aggregated. But what happens when a service you’ve used dies or gets acquired? What happens when you want your data back? Maybe your data isn’t really yours at all.

Today’s social networks are limited. They get bigger, if they’re lucky they grow and then at some time or other they ... stop. If it’s a social network you don’t use them it doesn’t really bother you much. But if it’s a network you’ve stored a lot of content through, what happens then? A lot of people, myself included, immediately think I want my data back. But is it your data? Of course it is. You made it. You composed that Tweet. You took that photo. You were at that place you checked-in at. Of course it’s your data and if you’re an archivist like Aaron Copers of the Smithsonian points out, anything you do for any significant amount of time, no matter how dumb or trivial it seems at first, becomes a part of your history.

But there’s a point to be made here. You may have created this data, you may own this data, but the copy of the data in that social network is just that: it’s a copy. It’s not necessarily your data and because most of us don’t care what we send on to our social networks you may have created it, but the copy in the cloud isn’t necessarily yours.

It’s an easy mistake to make. Most of us use Facebook, but we think we’re managing enough in mother legal to look at the terms of service of a social network. We use phrases like you retain your rights, you own the content and you always were your information and immediately the subtleties and complexities of ownership, licensing, copyright and intellectual property are.

And it’s this belief that we really are owners in our space that is that think that somehow the data we produce into a social network is physically ours, other than it’s bit particular that we’ve licensed to. When social networks go out of business we wonder what happens to them with their social networks in the sky. Preserving your social network is still problematic and for now, storing your account’s feed into an RSS reader is the next best thing.

The Softmouse 3D photogrammetric controller offers unparalleled ease of use and comfortable two-handed operation. The Softmouse 3D is used in photogrammetric systems for GIS and mapping applications, strategic military planning and may other 3D applications requiring precise manipulation of elements in a 3D virtual environment.

- Direct USB connectivity (no more interfaces)
- High precision laser navigation (no more loyal or encoder to clean)
- New high reliability switches
- New, more comfortable scroll buttons
- Rated for competitive compensation by means of serial port emulation
- Included in the package: High performance Softmouse USB output
- Supports Windows 7 and XP SP1 and 64 bit
- Has been tested with the following applications: In trivia, 3D, 3D Studio Max, Paraview, Sense, CVP, 3D Set, Stereo / Anima / Summit Evolution, LPHA, Vidorre, and others supporting the old ImmerVision 3D mouse.
Finished?
Gary Gale @vicchi
@StevenFeldman Mea culpa. Still think 4sq has value preserving your location history though.
Details

Steven Feldman @StevenFeldman
@vicchi still waiting to see the value of my location history to me (as opposed to #4sq et al)

Gary Gale @vicchi
@StevenFeldman Personal intrinsic value only. For now.
Details

Steven Feldman @StevenFeldman
@vicchi If your fav personal location history site folded, would you notice after the moment of schadenfreude?
Details

Tim Waters @tim_waters
@StevenFeldman @vicchi how about if you haven't got a favourite personal location history site? I wouldn't notice anyhow.
Details

Steven Feldman @StevenFeldman
@tim_waters @vicchi I'd be dancing in the streets
Details

Laurence Penney @Lorp

https://twitter.com/StevenFeldman/status/258266302622355456
51.432290, -0.347781

55.948674, -3.18384
“This talk brought to you by …”
We Talk
We (Used To) Write
We Call. We Text.
We Broadcast
We Still Do This
Now We Do This. A Lot.
We Make Data
“Today there are millions of people making stuff and putting it into the world: that’s become part of our identity and it shouldn’t be limited to people who fancy themselves writers, or who are particularly witty or talented”

David Karp, Tumblr CEO to BBC Economics Editor Paul Mason
Implicit Data
Explicit Data
“You kill 10 people, you go to Texas, they hit you with a brick, that's what they do. 20 people, you go to a hospital, they look through a small window at you forever. And over that, we can't deal with it, you know? Someone's killed 100,000 people. We're almost going, "Well done! You killed 100,000 people? You must get up very early in the morning. I can't even get down the gym!"

Eddie Izzard, Dress To Kill, 1999
Big And Social Data

- Twitter - ~340M Tweets / day
- Facebook - ~130M status updates / day
- Foursquare - ~3M check-ins / day
- Instagr.am - ~5M photo uploads / day
- Flickr - ~2M photo uploads / day

Sources
- Twitter Blog - http://vtny.org/jL
- Digital Buzz Blog - http://vtny.org/jM
- The Next Web - http://vtny.org/jN
- Read Write Web - http://vtny.org/jO
- Flickr - http://vtny.org/jP
Gary Gale
@vicchi

Last minute slide deck wrangling at 5.00 AM. Why do I do this to myself?

5:10 AM - 28 Oct 12 from Fulwell, Richmond-upon-Thames

https://twitter.com/vicchi/status/262783387155177472
https://api.twitter.com/1.1/statuses/show/262783387155177472.json
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    ]
  }
},

"attributes": {
  "street_address": "Wellington Gardens"
}
Summers Aren’t Endless
Geo-Social Networks Aren’t Eternal
I Want “My” Data
Who Owns “My” Data?
5. Your Rights

You retain your rights to any Content you submit, post or display on or through the Services. By submitting, posting or displaying Content on or through the Services, you grant us a worldwide, non-exclusive, royalty-free license (with the right to sublicense) to use, copy, reproduce, process, adapt, modify, publish, transmit, display and distribute such Content in any and all media or distribution methods (now known or later developed).

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You agree that this license includes the right for Twitter to provide, promote, and improve the Services and to make Content submitted to or through the Services available to other companies, organizations or individuals who partner with Twitter for the syndication, broadcast, distribution or publication of such Content on other media and services, subject to our terms and conditions for such Content use.

Twitter has an evolving set of rules for how ecosystem partners can interact with your Content. These rules exist to enable an open ecosystem with your rights in mind. But what’s yours is yours — you own your Content (and your photos are part of that Content).

Such additional uses by Twitter, or other companies, organizations or individuals who partner with Twitter, may be made with no compensation paid to you with respect to the Content that you submit, post, transmit or otherwise make available through the Services.

We may modify or adapt your Content in order to transmit, display or distribute it over computer networks and in various media and/or make changes to your Content as are necessary to conform and adapt that Content to any requirements or limitations of any networks, devices, services or media.

You are responsible for your use of the Services, for any Content you provide, and by posting Content you waive any rights, power and authority necessary to grant the rights granted herein to any Content that you submit.

“You retain your rights”
You own the content posted
"You always own ... your information"
I Won't Use Flickr Until They Release My Photo Hostages

Michael Arrington

Friday, April 8th, 2011

Freemium business models are always hard. You have to give users enough for free that they try your service out and get hooked. Then you hit them with fees for upgraded features that make it even better. With a perfect product people don't mind paying because they feel like it's good value.

Flickr is a freemium service, and currently have more of a hostage business model. It may not be the most up the money, but I'm not happy about it. I've been staring them down for years now. It's not a light I think I'll win, but it's one that I will whine loudly about.

On the surface Flickr's pro service, currently $25/year, seems fair. The free service lets you upload a certain amount of photos, up to a certain maximum size per photo. The pro version allows unlimited uploading and a bigger maximum size per photo.

Reasonable? Absolutely. I originally upgraded to Pro almost immediately after using the service so that I could upload lots of pictures all the time.

But I'm guessing the real reason most people upgrade isn't to get unlimited uploading. Rather, it's...
“If a service shares data transparently with you, there’s a good chance you’re the customer, otherwise you’re probably the product.”

Kellan Elliott-McCrea, July 2011
http://laughingmeme.org/2011/07/22/morning-thought-transparency-is-for-customers/
My Data

• Twitter - ~14K Tweets
• Facebook - ??
• Foursquare - ~8.5K check-ins
• Instagr.am - ~130 photo uploads
• Flickr - ~6K photo uploads
Important To Me
“anything you do for any significant amount of time, no matter how dumb or trivial it seems at first, becomes a part of your history”

Aaron Straup Cope, April 2012

http://www.aaronland.info/weblog/2012/04/02/haystack/#parallel-ogram
"Mappyness"

I WISH MY BRAIN HAD A MAP TO TELL ME WHERE MY HEART SHOULD GO...
“if you're not paying for it, you're not the customer, you're the product being sold.”

Andrew Lewis, August 2010
http://www.metafilter.com/95152/Userdriven-discontent#3256046
DO NOT EVER PUSH
THIS RED BUTTON IN!!
AT END OF NIGHT....!!!
## One-Click Download Of My Data?

<table>
<thead>
<tr>
<th>Service</th>
<th>One Click Download?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facebook</td>
<td>✓</td>
</tr>
<tr>
<td>Flickr</td>
<td>✗</td>
</tr>
<tr>
<td>Foursquare</td>
<td>✗</td>
</tr>
<tr>
<td>Instagram</td>
<td>✗</td>
</tr>
<tr>
<td>Twitter</td>
<td>✗</td>
</tr>
</tbody>
</table>
Download your information
Get a copy of what you’ve shared on Facebook.

This is a copy of personal information you’ve shared on Facebook. To protect your info, we’ll ask you to re-enter your password to confirm that this is your account. Learn more about downloading a copy of your information.

Re-enter your password
Your archive is ready to download.

Enter password: ********

Continue

You can also download an expanded archive to see more about your account history. Learn what’s included.

Caution: Protect your archive
Your Facebook archive includes sensitive info like your private Wall posts, photos and profile information. Please keep this in mind before storing or sending your archive.
We very deliberately chose not to create a Flickr-blessed backup application because we hoped it was an opportunity independent developers would seize. In retrospect, maybe we made the wrong decision.

Aaron Straup Cope, Feb 2012
http://www.aaronland.info/weblog/2012/02/14/incentivize/#pda2012
API Download

What you'll get:
- Brands
- Playlists
- Episodes or items

 Bloody load potential query parameters to your results.

http://api.uriplay.org/2.0/brands.json?uri=...
0 results found for "api"

Sorry. Try searching again or send us an email.
# API Download Of My Data?

<table>
<thead>
<tr>
<th>Service</th>
<th>API Download?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facebook</td>
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<tr>
<td>Flickr</td>
<td>✔️</td>
</tr>
<tr>
<td>Foursquare</td>
<td>✔️</td>
</tr>
<tr>
<td>Instagram</td>
<td>✔️</td>
</tr>
<tr>
<td>Twitter</td>
<td>✗</td>
</tr>
</tbody>
</table>
“minimal competence”
With Flickr you can get out, via the API, every single piece of information you put into the system … Not the most recent N, not a subset of the data … All of it. It’s your data, and you’ve granted us a limited license to use it.

Kellan Elliott-McCrea, May 2010
http://laughingmeme.org/2010/05/18/minimal-competence-data-access-data-ownership-and-sharecropping/
Clients may access a theoretical maximum of 3,200 statuses … Twitter still maintains a database of all the tweets sent by a user. However, to ensure performance of the site, this artificial limit is temporarily in place.
“... services are unmotivated to invest in the emancipation or preservation of our data”

Aaron Ximm, Internet Archive, PDA2012, February 2012
Github as Archive?
Discuss ...
Meet Instagram

It’s a fast, beautiful and fun way to share your photos with friends and family.

Snap a picture, choose a filter to transform its look and feel, then post to Instagram. Share to Facebook, Twitter, and Tumblr too – it’s as easy as pie. It’s photo sharing, reinvented.

Oh yeah, did we mention it’s free?
future generations will never know about this unique relationship
privatesquare is a simple web application to record and manage a database of foursquare check-ins. — Read more
http://straup.github.com/privatesquare/

Add first cut of internals documentation

vicchi authored a month ago

<table>
<thead>
<tr>
<th>name</th>
<th>age</th>
<th>message</th>
</tr>
</thead>
<tbody>
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<td>5 months ago</td>
<td>initial (public) release [straup]</td>
</tr>
<tr>
<td>bin</td>
<td>2 months ago</td>
<td>Make the script not use my credentials (which is a fail if I'm pushing... [vicchi]</td>
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<td>lib</td>
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<td>2 months ago</td>
<td>Ignore OS X's annoying fgrib file. [vicchi]</td>
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<tr>
<td>.gitignore</td>
<td>a month ago</td>
<td>Add first cut of internals documentation [vicchi]</td>
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<td>LICENSE</td>
<td>4 months ago</td>
<td>add LICENSE [straup]</td>
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<td>Makefile</td>
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</table>
Success! You have checked in to Castello Vicchi
Hampton, England, United Kingdom

United Kingdom

Places you've been to, nearby.

You were here

You are here... – Thursday 18° C
June 13, 2012 – Wednesday...
My Flickr

I seem to own the rare Nokia Lumia 800 "lizard edition"
parallel-flickr

http://vtiny.org/jS
My Twitter
vtiny.org
A Cautionary Tale
http://vtnty.org/l1
Thank You For Listening

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