Web 2.0 For the Rest of Us

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Director of Web Development
User Interface Engineering

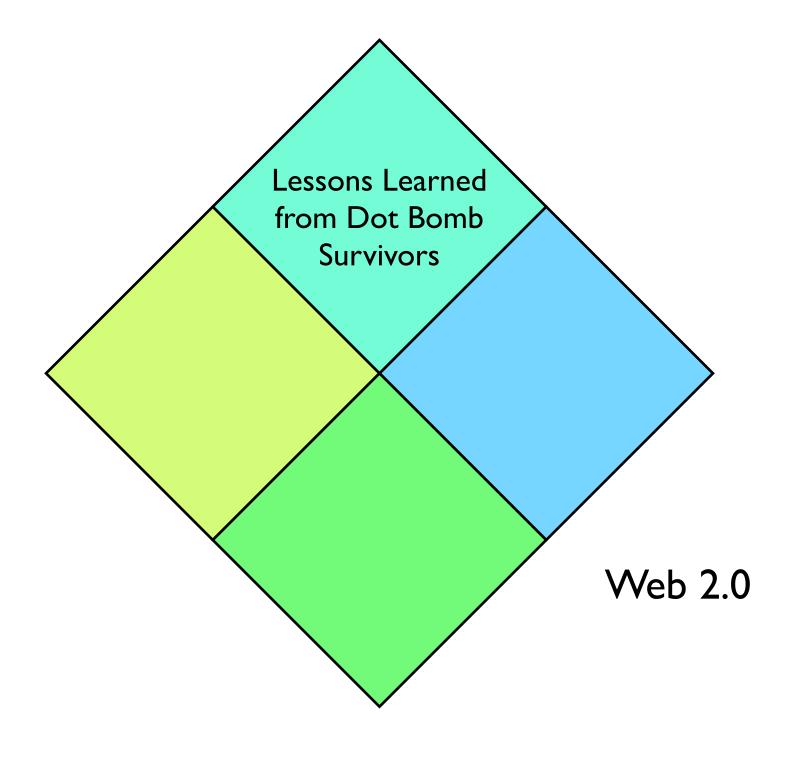
"The accretion of tiny marvels can numb us to the arrival of the stupendous"

Kevin Kelly, "We Are the Web", Wired Magazine 13.08

"The accretion of tiny marvels hacks can numb us to the arrival of the stupendous"

Web 1.0 Hacks

- tags
- for layout
- Nested tables
- Spacer gifs
- Forgiving rendering (don't have to close and tags to render)



Hacking from a Different Angle

- Hacking = Design on the Fly
- Focus on context and current user needs instead of standards & conventions
- Brings the ire of purists (Google.com doesn't validate...oh the horror!)
- Lends itself to multiple iterations, trial/error
- How innovation most often happens, especially on the Web!

To this day the big four dot bomb survivor's web sites are riddled with HTML hacks:

Google, eBay, Amazon, Yahoo

But they're also riddled with social hacks:

"did you mean _____?"

"customers who bought this also bought"

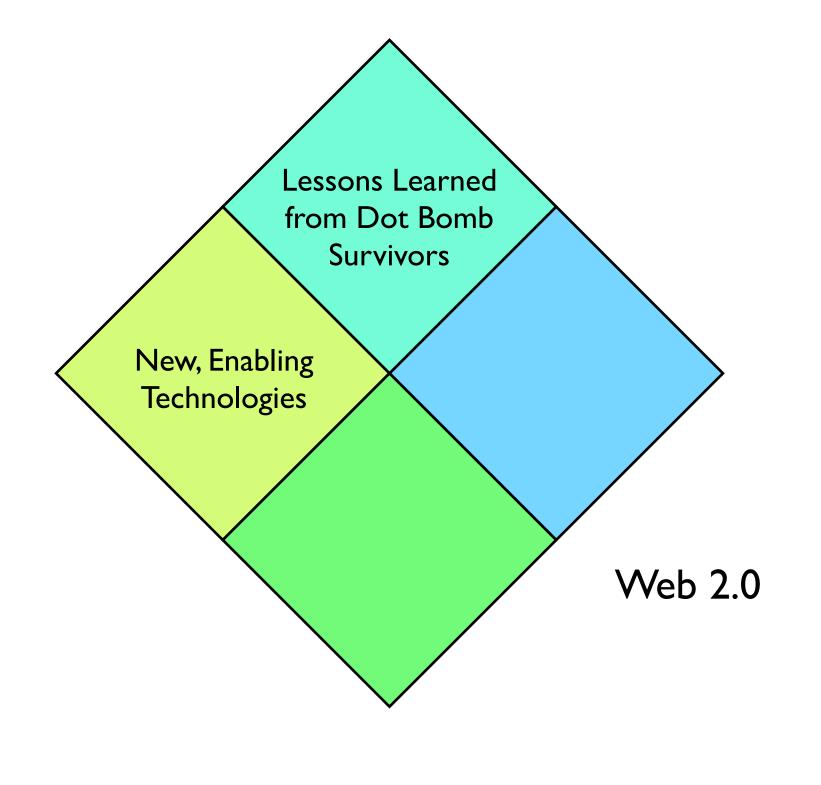
"Top 1000 reviewer"

"why are we making you sign in again?"

"leave feedback for this seller"

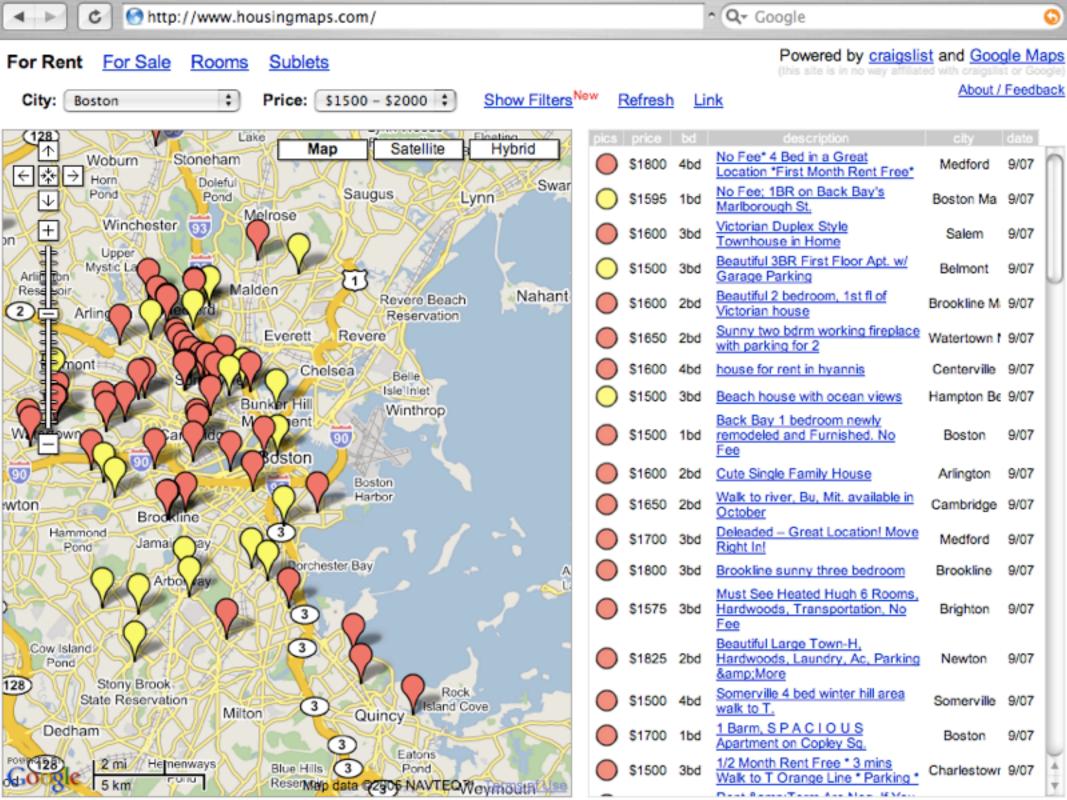
Major Lessons Learned from Dot Bomb Survivors

- Hacking is not just OK, it's GOOD for innovation
- Users are the most important asset of a company
- Attention is paramount
- Scalability is as important as algorithm



RSS and the Subscription Model

- Email is push model (anyone can "push" you an email once they have your address)
- RSS is based on a subscription, or pull, model (you only get content that you pull away from provider)
- Benefits: No SPAM, efficient, permissionbased, Open, eminently hackable.





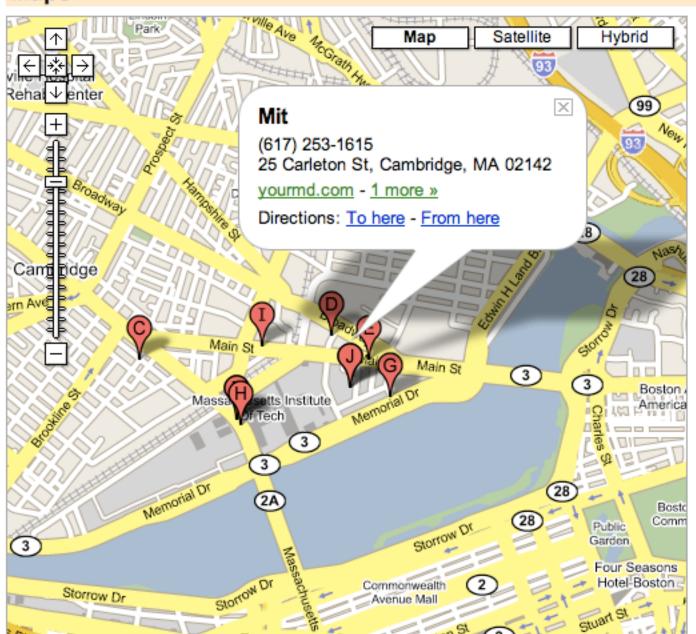
Maps Local Search Directions

MIT cambridge, ma

Search

Help

Maps











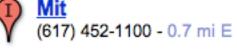




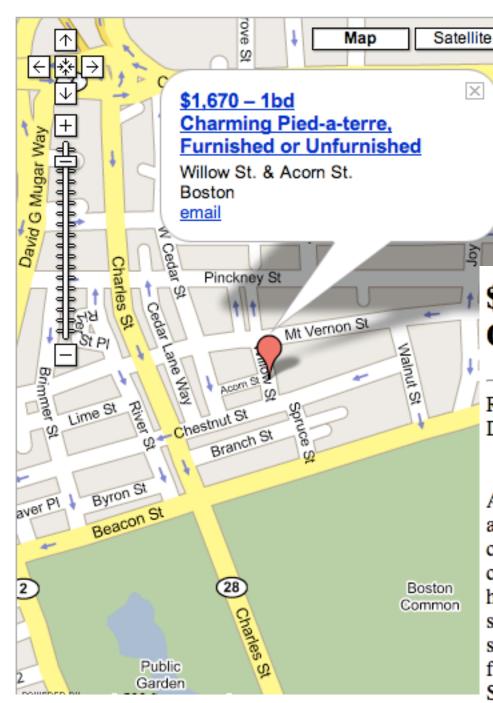












Web 2.0 for the Rest of Us

\$1670 / 1br - Charming Beacon Hill Condo, Furnished or Unfurnished

Reply to: anon-95922116@craigslist.org

Date: 2005-09-07, 8:44AM EDT

Hybrid

Bowdoin

Ridgeway

Derne St

Adorable 1 br, 1 ba Pied-a-terre in PRIME location. Walk to all points in the City! Quiet, historic building overlooking cobblestoned Acorn Street, the most photographed in the country! Next to famous Louisburg Square. Perfect place to hang your hat while living in the city or visiting for business, shopping or the theatre. beautiful paned windows to view the surrounding trees and their beauty in all seasons. Hardwood floors throughout, sub-zero minifridge, kitchenette, tiled bath, Secure Elevatored building, laundry. Available furnished or unfurnished, short or long term. A must See! Available 14 immediately.



craigslist > boston > housing

[help] [post]



Found: 143 Displaying: 1 - 50

[1|2|3]

Next >>

- Sep-11 \$800 GREAT SITUATION & LOCATION, (RED&GREEN LINE, KENDALL/MIT/HARVARD (cambridge, MIT/kendall/harvard) << rooms & shares pic
- Sep-11 \$45 / 1br Short-term Stay: 1 night~6 wks (Cambridge) << sublets & temporary
- Sep-11 \$800 MIT employee looking for housing Oct. 1 (Somewhere near the redline) << room/share_wanted
- Sep-11 \$600 Furnished room with private half-bath (Natick, Framingham, Sudbury, Wayland, Weston, Waltham)
 << rooms & shares</p>
- Sep-11 \$2174 / 1br Beautiful, Spacious 1 Bedroom Loft in University Park; No Fee (Cambridge) << apts broker no fee
- Sep-11 \$2912 / 2br Modern Luxury Corner 2 Bed, 1 Bath Loft in Central Square (Cambridge) << april april 2 broker no fee
- Sep-11 \$600 &Up (PERFECT SITUATION& LOCATION)(RED&GREEN LINE, KENDALL/MIT/HARVARD (Cambridge, Harvard T&KendalT/MIT) << apts by owner pic

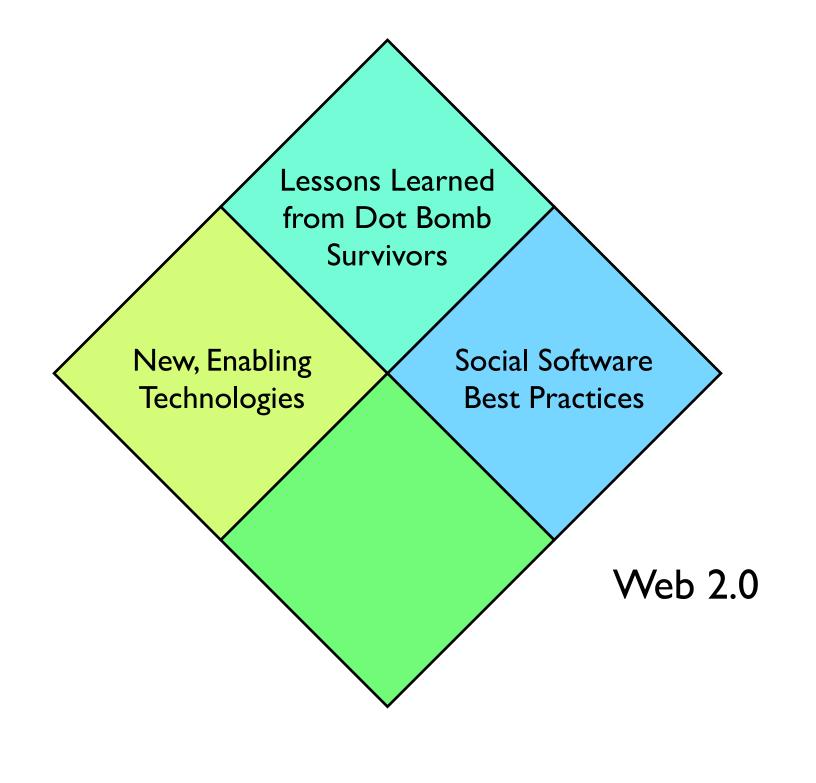
Craigslist Real Google Maps API **Estate Listings** RSS **Javascript** HousingMaps

Hacker Innovation

- Housingmaps.com was hacked by Paul Rademacher in his spare time!
- Former Technical Lead of Animation Tools,
 Dreamworks, now at Google
- Paul may have unwittingly hastened the destruction of the entire real estate industry with only 30 or 40 hours of work

New, Enabling Technologies

- RSS promotes the subscription model
- APIs promote information remixing, hacking, and innovation
- REST approach promotes easy to use software as a service
- Permalinks promote finer-grained attention



Tagging and Aggregate Behavior

- Tagging is a personal activity: usually done to remember something for later
- Tagging is also a social activity, as groups form to tag things similarly
- The aggregate of tagging is a semi-structured organization often called a folksonomy
- The trends we see in folksonomies provide value above the simple service of which they are a part



by Joshua Porter

popular | help logged in as **bokardo** | settings | logout

find and discover favorites	search

All your items (640)

« earlier | later » page 1 of 7

Principles behind the Agile Manifesto

to agile web2.0 ... and 17 other people ... on 2005-11-15 ... edit / delete

The Long Tail of a Black Hat

to search-engine-spammers long-tail web2.0 ... and 1 other person ... on 2005-11-14 ... edit / delete

Interaction Designer's Style of Work

to design to-read user-research ... and 1 other person ... on 2005-11-14 ... edit / delete

XML.com: Implementing REST Web Services: Best Practices and Guidelines

to rest web2.0 web-services ... and 178 other people ... on 2005-11-14 ... edit / delete

Amazon Gets Patents on Consumer Reviews

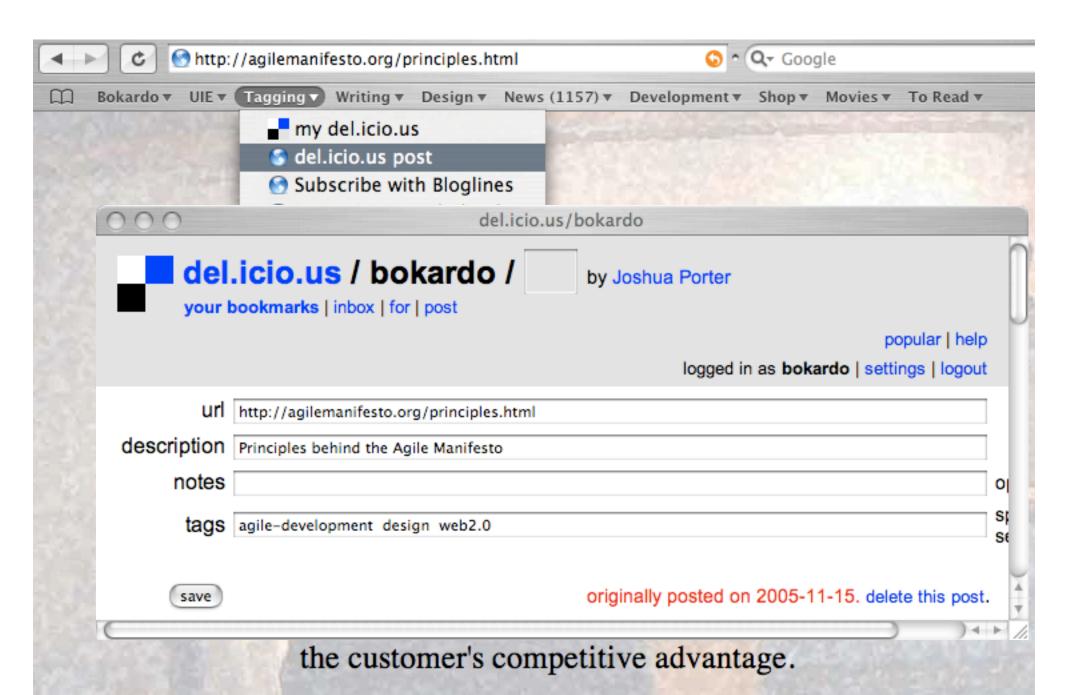
to amazon reviews recommendations web2.0 ... and 10 other people ... on 2005-11-11 ... edit / delete

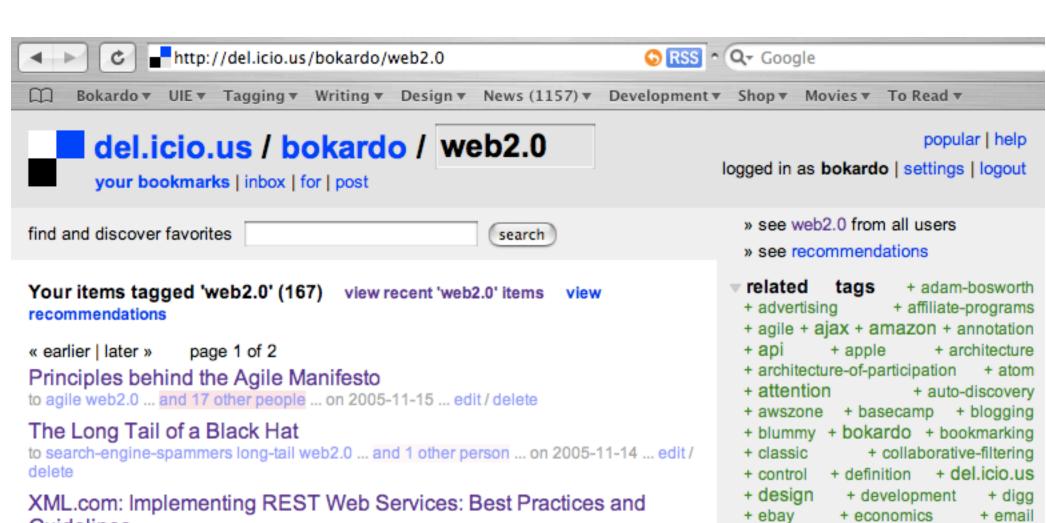
ACM: Ubiquity - Joseph Konstan on Human-Computer Interaction to recommendations hci web2.0 ... and 8 other people ... on 2005-11-11 ... edit / delete

Zoomify ::: Fast high-quality images on the Web!

to flash zoom ... and 11 other people ... on 2005-11-10 ... edit / delete

3-column-layout ⊸ tags 43things accessibility activity-theory adambosworth ads advertising affiliateprograms aggregation aggregators agile agriculture ajax algorithm amazon annotation api apple architecture architecture-ofparticipation argument atom attention attention.xml authority autodiscovery autolinks awszone baby backup basecamp bayes bbc berners-lee behavior benchmark biscuit blog blogging bloglines blogs blummy bokardo bookmarking bookmarklet books borges boston bray bug business-blog business-ofcake card-sorting design categorization category choice classic classification classifieds code collaborative-filtering color conference consulting content continuous-partialattention control controlled-vocabulary craigslist credibility css customerdark-matter data-driven support datablogging de.lirio.us database deep-linking definition del.icio.us democracy design design-patterns





Guidelines

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Amazon Gets Patents on Consumer Reviews

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ACM: Ubiquity - Joseph Konstan on Human-Computer Interaction to recommendations hci web2.0 ... and 8 other people ... on 2005-11-11 ... edit / delete

Beth's Blog: Joshua Schachter: Future of Tagging

to tagging del.icio.us folksonomy web2.0 ... and 34 other people ... on 2005-11-10 ... edit / delete

+ experience-design + flash + flickr + folksonomy + for:bokardo + geocoding + for:ricmac + gmail + google + google-base + godin + google-maps + hacker-innovation + hci + herbert-simon + history + howto + ian-davis + innovators-dilemma + internet-archive + jotspot + killerweb-sites + long-tail + mechanical-turk + mediated-trust + microformats + mls + monetization + music + newsman + nytimes + om-malik



Tags similiar to your 'web2.0' tag

- » web2.0 by warier
- » web2.0 by dlouie
- » web2.0 by julan
- » web2.0 by wickdani
- » web2.0 by gobansaor
- » web2.0 by kayodeok
- » web2.0 by robnshel
- » web by kaufmajm
- » web2.0 by psychemedia
- » web2.0 by badzen

Recommended items for your 'web2.0' tag

- » http://script.aculo.us/
- » http://pchere.blogspot.com/2005/02/absolutely-delicious-complete-tool.html
- tags ¬ related + adam-bosworth + advertising + affiliate-programs + agile + ajax + amazon + annotation + api + apple + architecture + architecture-of-participation + atom + attention + auto-discovery + awszone + basecamp + blogging + blummy + bokardo + bookmarking + collaborative-filtering + classic + control + definition + del.icio.us + design + development + digg + ebay + economics + email + experience-design + flash + flickr + folksonomy + for:bokardo + for:ricmac + geocoding + gmail + google + google-base + godin + google-maps + hacker-innovation + hci + herbert-simon + history + how-+ ian-davis + innovators-dilemma + internet-archive + jotspot + killerweb-sites + long-tail + mechanical-turk + mediated-trust + microformats + mls + monetization + music + news + nytimes + newsmap + om-malik + oreilly + opml + pagerank t normaliaka



to web2.0 community cool book opinion by akapoor ... and 74 other people ... on 2005-11-15 ... copy

Hack 2.0 Workgroup - A network of Hack 2.0 resources

to web2.0 by katiesays17 ... and 3 other people ... on 2005-11-15 ... copy

GiveMeaning

to web2.0 Money Advocate by katiesays17 ... and 8 other people ... on 2005-11-15 ... copy

Darmik

to web2.0 Tools Business by katiesays17 ... and 1 other person ... on 2005-11-15 ... copy

MyPIMP - My Personal Information Management Portal

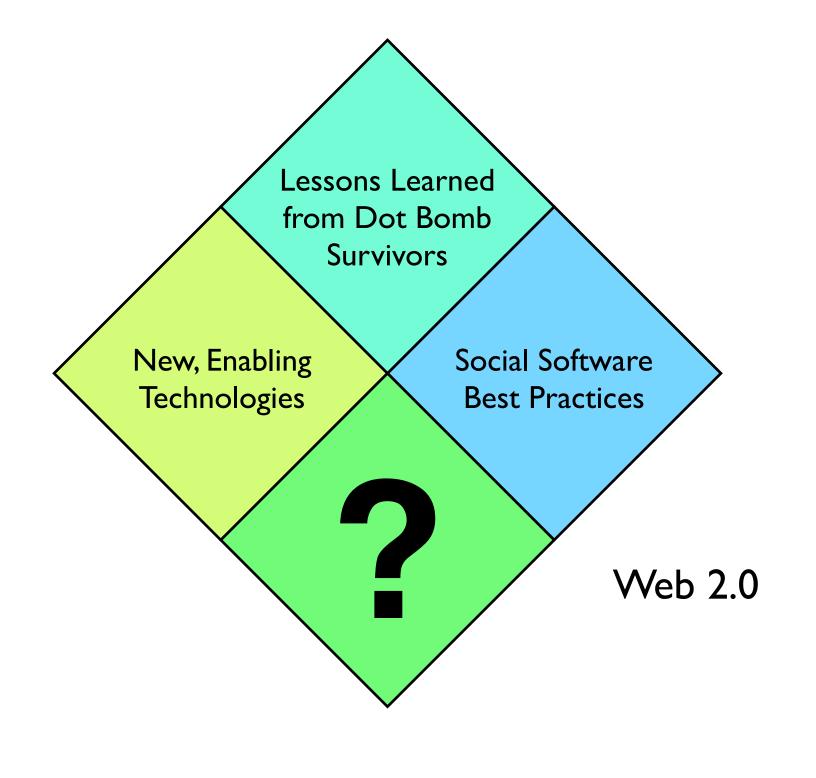
to websoftware web2.0 by mirabello ... and 516 other people ... on 2005-11-15 ... copy

Hacker Innovation

- Del.icio.us was created by Joshua Schachter in his spare time!
- Quit his job after an initial round of funding
- Joshua may have unwittingly found a great way to organize huge amounts of information, making traditional Information Architecture techniques pale in comparison

Social Software Best Practices

- Folksonomies harness personal and social behavior
- Blogs harness individual voices and conversations with readers
- Wikis promote collaboration
- Providing tools to discover, recommend, share, and promote word-of-mouth



Photos: Yours • Upload • Organize • Your Contacts' • Explore





jmspool / Jared Spool 🚾

Like jmspool's photos? Subscribe to them! Add him as a contact.

I'm just a guy trying to find my place in the 'verse...

I'm Male and 44.

User Interface Engineering

jmspool's contacts (34)

You aren't on jmspool's contacts list.



l0ckergn0me



Tim O'Reilly



dennisschleicher99



MulderMedia



lakirkwoo

More...



melaniearens



h-may



*Mike D



lisamac



Interested Other

» Photos

⊠ Send jmspool a message

Testimonials

jmspool doesn't have any testimonials yet.

Block this person?



Add jmspool as a contact?

OK!

Click the OK button below to confirm adding jmspool as a contact.

Marking someone as a contact includes their photos on your <u>contacts'</u> <u>photos page</u> so you can see their latest photos as they are posted. You can also grant special permissions to people on your contact list.

If you'd like jmspool to be able to see selected private photos, you can also mark him as a friend or family.

Would you also like to...

☐ Mark as a friend? (optional)
☐ Mark as family? (optional)

Or cancel this and return to imspool's profile.



Photos from your contacts

Or, only show photos from your family and friends









From jmspool



From jmspool



From billhd



From billhd



From billhd



From jmspool



From jmspool



From jmspool



From billhd

Web 2.0 Made Explicit

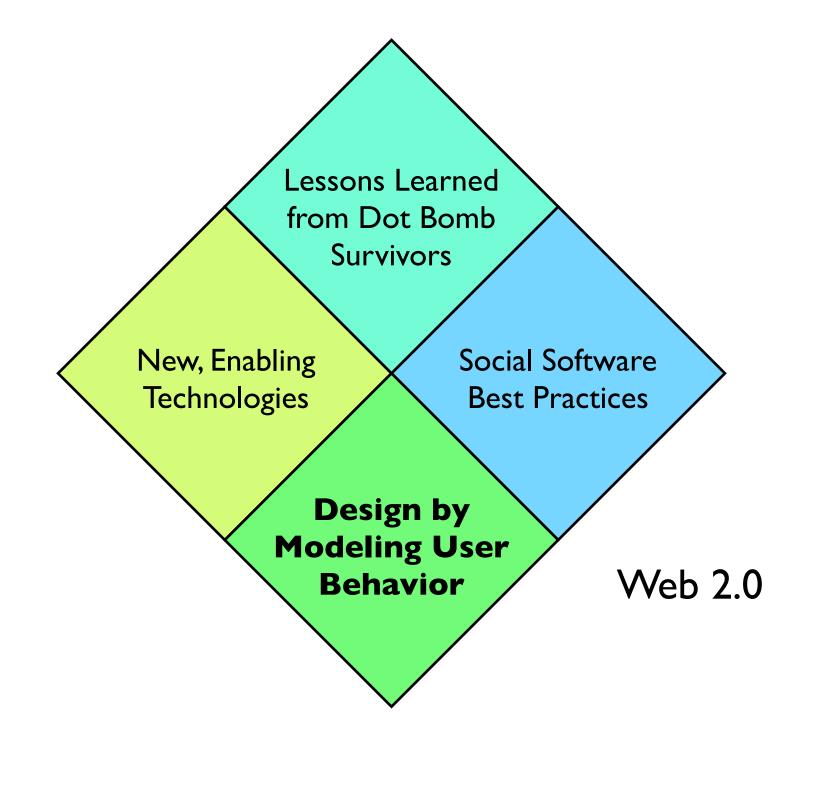
What do these things have in common?

- I. The lessons learned from the Dot Bomb Survivors (hacking is GOOD, users are important, attention is crucial)
- 2. The most valuable uses of new, enabling technologies (blogs as conversations, folksonomies as aggregation, wikis as collaboration)
- 3. Best practices in Social Software (recommendations, popularity, most linked to)

Design works best when it Models User Behavior

Modeling User Behavior

- Google models how we value content
- Amazon models how we value books
- Flickr models how we share photos
- Del.icio.us models how we save things
- Housingmaps models how we find real estate



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UIE Research

- We blog: www.uie.com/brainsparks/
- Research Resources: <u>www.uie.com/articles/</u> <u>www.uie.com/reports/</u>
- Contact: <u>iporter@uie.com</u>