

## Live Web Search

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Blog: napsterization (napsterization.org/stories)



## Live Web Buzz:

Doc Searls:

'the live web'





## Search: static web

- Google was created for the static web
  - Pagerank is a function of people's interest on one site, in another site, as expressed in links.
  - Google's genius was equating those links to social gestures that had value.
  - Key word search returns the 'most relevant' results based upon whomever has the most pagerank.



# Search for 'mary hodder' in Google

## Yields:

- 'napsterization'
- 'biplog'
- 'speaking engagements'
- 'bloqx'
- 'hodder.org'



### Yields:

- 'mary hodder'
- The napsterization blog itself
- Uses of the word, napsterization



# Search for 'mary hodder' or napsterization in blog search

- Yields key word matches
  - Reverse chron order
- Link search: yields all those who have linked to url
  - Reverse chron order
  - Can resort by Authority in some services



## Static webpage search

- Static Webpages: Example webpage from a bank.
  - Incoming links 'define the bank' referring to it as an entity, but the bank doesn't change it's pages.
  - Outgoing links from bank site rarely change.
  - Don't really want sites like that to update a lot; useful in static nature



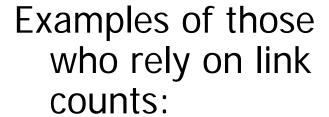
# Why do we care about live web search?

- Marketing reasons: blog creators more likely to be:
  - Men: 57% are male
  - Young: 48% are under age 30
  - Broadband users: 70% have broadband at home
  - Internet veterans: 82% have been online for six years or more
  - Relatively well off financially: 42% live in households earning over \$50,000
  - Well educated: 39% have college or graduate degrees
- They have characteristics of "opinion leaders"
- Their influence online is growing
- Source: Pew Internet & American Life Project, May 2, 2005

## Live webpages: what and how

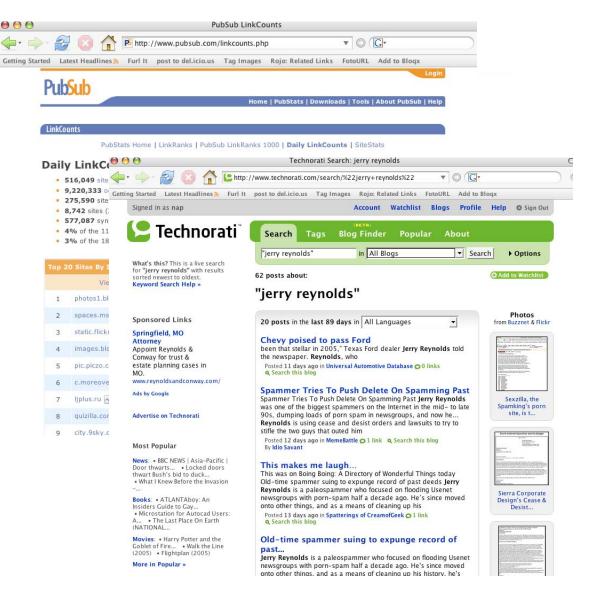
- Live web pages: rapidly updated pages such as Flickr photo sets, or blogs, often with lots of links and references in new posts.
- The constant activity produces many more outbound links and references, and many more inbound links, as conversations between creators appear in threads
  - Old blog entries scroll down and off blogs, but in Google sees them all as subpages
  - Page rank makes no distinction because it defines pages as 'any page' instead of 'top pages' as technorati, or pubsub do when they 'age' things out of the system..

## Metrics of Blog Search



- Technorati
- Pubsub
- Bloglines

"authority" vs.
"influence"





## Live Web Examples

Bloglines: 880,456,867 Articles Indexed

Blogpulse: 18,447,338 feeds

Feedster: 18,047,721 feeds

Ice Rocket: no info

Pubsub: 18,549,449 sources, 11.8m active

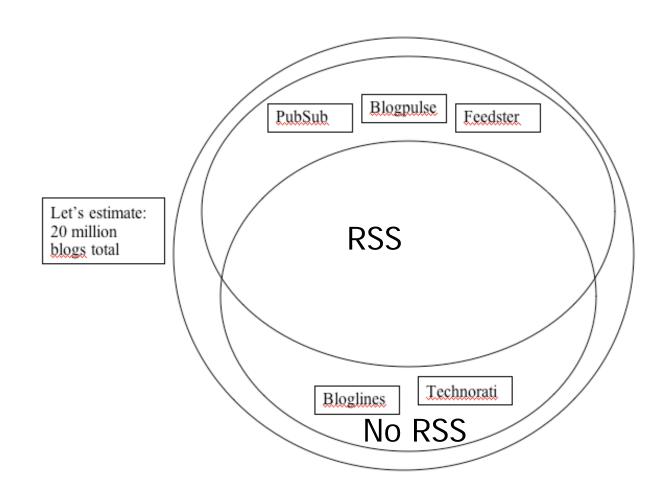
Technorati: 21.5m blogs indexed

Del.icio.us: tags, urls and people feeds

Flickr: Photos, tags and sets/groups by 1.5m people

\* As of 11/21/05

# The Blogosphere: what are you searching?





- Pubsub: Linkrank based on internal calculation of worth based on inbound links and those linkranks of those who link
- Technorati: count of all inbound link sources for last 6 months
- Bloglines: count of all links for all time



## Subscription metrics

- **Bloglines** 
  - Must subscribe to feed to see subscription numbers
- Feedburner
  - Must run your feed through Feedburner
  - Subscription numbers only available to feed owner
- Example: Boing Boing \* as of August 2005
  - In Bloglines, 26,856 subscribers

  - **Boing Boing** In Feedburner, 1.2 million subscribers to Updated Fri, Aug 19 2005 10:34

26,856 subscrib

Difference: Feedburner shows all subscriptions where as Bloglines shows just those who use Bloglines reader and subscribe



## Possible other metrics

- Inbound links: to post url
- Inbound links: to blog url
- Comments to posts
- Ratios within topic/post
- Blog server
- Subscribers to RSS feeds and blogs
- Incoming Traffic Links
- Outbound blogroll
- Tagged urls



## Search results

- Returned in reverse chron order
- Technorati: can reorder by authority (defined as inbound link count)
- Sphere: can order by date or by relevance (metric based on links and key word analysis)



# Results of mixing live web with Google:

- Google: has lack of awareness of time about publishing of site
  - Good: information continues to be available
  - Bad: liveness is lost
- Awareness of links and activity
- Result: Live web activity can overwhelm static web



## Example: 'Jerry Reynolds'

- Spammer from 1990's
  - Largest Usenet spammer in 1997
  - Owner of two sites: netzilla and sexzilla
  - His spam helped, with other spam, to kill Usenet over several years
  - Spam fighters tried to stop it but failed
- Wants this information removed
  - Using C&Ds to remove this documentation from Google
- Why? Google owns Usenet postings.. They come up in searches



- 13 pages back in Google Results
- Unknown for years by anyone in technology journalism
  - Exception: one article in local paper in North Dakota

# Blogging of Jerry Reynolds story

The Doc Searls Weblog: Monday, November 7, 2005

-BoingBoing-Splatterings-Memeblog



Jerry Reynolds, (former) Spam King (of Fargo,...

Jerry Reynolds, (former) Spam King (of Fargo, ND) Files Slapp Suits Trying to Squash Free Speech by People Exposing His Spammy Ways IMG Jerry Reynolds, owner of Sexzilla.com in 1996 and 97 IMG Jerry Reynolds, Owner of Netzilla in 1996 IMG John Doe v. Ed Falk IMG Sexzilla, the Spamking's

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Posted 14 days ago in Napsterization 379 links
Search this blog
By mary hodder

🔴 🦰 🧑 On Lisa Rein's Radar: Former Spam King Jerry Reynolds (of Fargo, ND) Files Slapp Suits Trying to Squash The Free Speech of ... ● http://www.onlisareinsradar.com/archives/002533.php#002533 ▼ ○ □ Getting Started Latest Headlines 🦰 Furl It post to del.icio.us Tag Images Rojo: Related Links FotoURL Add to Bloqx On Lisa Rein's Radar First Amendment Under Attack Things On Lisa Rein's Fair and Balanced Mind Today « Arnold's Neighborhood - Remember Folks, He's Still A Republican | Main | My Interview With The All Camera Phone FORMER SPAM KING JERRY REYNOLDS (OF FARGO, ND) FILES SLAPP SUITS TRYING TO SQUASH THE FREE SPEECH OF PEOPLE EXPOSING HIS SPAMMY WAYS In the "No way, this can't be happening in America" department, we have good citizens David Ritz and Ed Falk being sued for saying the truth about Jerry Reynolds being a spammer on a usenet group over 6 years ago. You can download a zip of all the legal docs here He's apparently filed (complaint here) SLAPP suits against two people, David Ritz and Ed Falk, who found that in the late 1990's, he was the largest spammer online (email wasn't so big then, but he had the largest porn spam operation on UUnet, with Sexzilla and Netzilla which were registered to Jerry Reynolds). And now he's using C&D's and these lawsuits to get whatever traces of the information that documents his spam and porn operation off of Google including search results and groups. He denies owning the site, btw, even though he was listed as administrative contact. Reynolds has even gone so far as to subpoena Ritz' and Falk's computers and put a gag order on one, but the other one is out of jurisdiction (the suit is in North Dakota, though Falk lives and does business in CA) Tomorrow. Ed Falk has to give a copy of all his computer harddrives to lawyers, who are still fighting over the jurisdiction issue. I think though that if this case went before a judge in CA, it would immediately be dismissed. All the evidence shows Reynolds was the

# Post Blogging: #1 hit on Google



Web

Results 1 - 10 of about 3,830,000 for jerry reynolds. (0.19 seconds

### Napsterization

Jerry Reynolds, (former) Spam King (of Fargo, ND) Files Slapp Suits Trying to Squash Free Speech by People Exposing His Spammy Ways. Jerry Reynolds, owner ... napsterization.org/stories/archives/000565.html - 15k - Nov 7, 2005 - Cached - Similar pages

### Jerry Reynolds Coaching Record - Basketball-Reference.com

You Are Here: Basketball-Reference.com > Coaches > Jerry Reynolds. Jerry Reynolds. Jerry Reynolds. Sponsor this page for \$10 and help ...

www.basketball-reference.com/coaches/reynoje99c.html - 5k - Cached - Similar pages

### Jerry Reynolds Statistics - Basketball-Reference.com

Jerry Reynolds (Ice). Position: GF Height: 6'8" Weight: 200 lbs. Born: December 23, 1962 in Brooklyn, NY High School: Alexander Hamilton in Elmsford, NY ... www.basketball-reference.com/players/r/reynoje01.html - 20k - Cached - Similar pages

### KINGS: Kings Broadcaster Bios

Grant Napear, Jerry Reynolds, and Jim Kozimor, will call the Kings action ... In his 18th season with the Kings organization, Jerry Reynolds serves as the ... www.nba.com/kings/news/Kings Broadcaster Bios.html - 49k - Nov 8, 2005 -Cached - Similar pages

### KINGS: Jerry Reynolds-Jack of All Trades<br/> size="2">From ...

There were years when Jerry Reynolds had to get creative behind the microphone. It was not easy trying to be an apologist for the Sacramento Kings. www.nba.com/kings/news/Jerry Reynolds Jack of All Trades.html - 43k -Cached - Similar pages

### Jerry Reynolds, Owner of Netzilla in 1996 on Flickr - Photo Sharing!

Flickr is almost certainly the best online photo management and sharing application in the world. Show off your favorite photos to the world, securely and ... www.flickr.com/photos/73288032@N00/60777975/ - 25k - Nov 7, 2005 -Cached - Similar pages

Sponsored Links

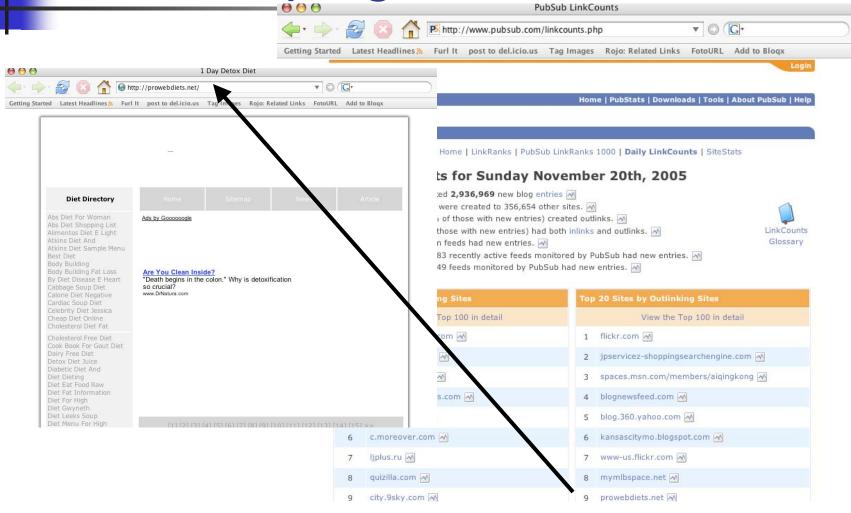
### Springfield, MO Attorney

Appoint Reynolds & Conway for trus & estate planning cases in MO. www.reynoldsandconway.com/

### Find This Person

Find people instantly. Free to search our database. People.Public-Records-now.com





## Google and Splogs

- Blogger
- Adsense
- Incentives to change?



## What's needed

(Blog search is at the state of static web search in 1997)

- Sophisticated interfaces
- Topic browsing
- Sophisticated weighting tools
- Static web search adjustments

## What's coming

- 'Data web' verses 'file web'
  - http://you.com/files/here.htm = data web
  - iTags: iname + tag + object = floating data
- Better search
  - Based on better live information
  - Based on data web?



## Contact Info:

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