

Government as a Platform

Tim O'Reilly

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June 4, 2009



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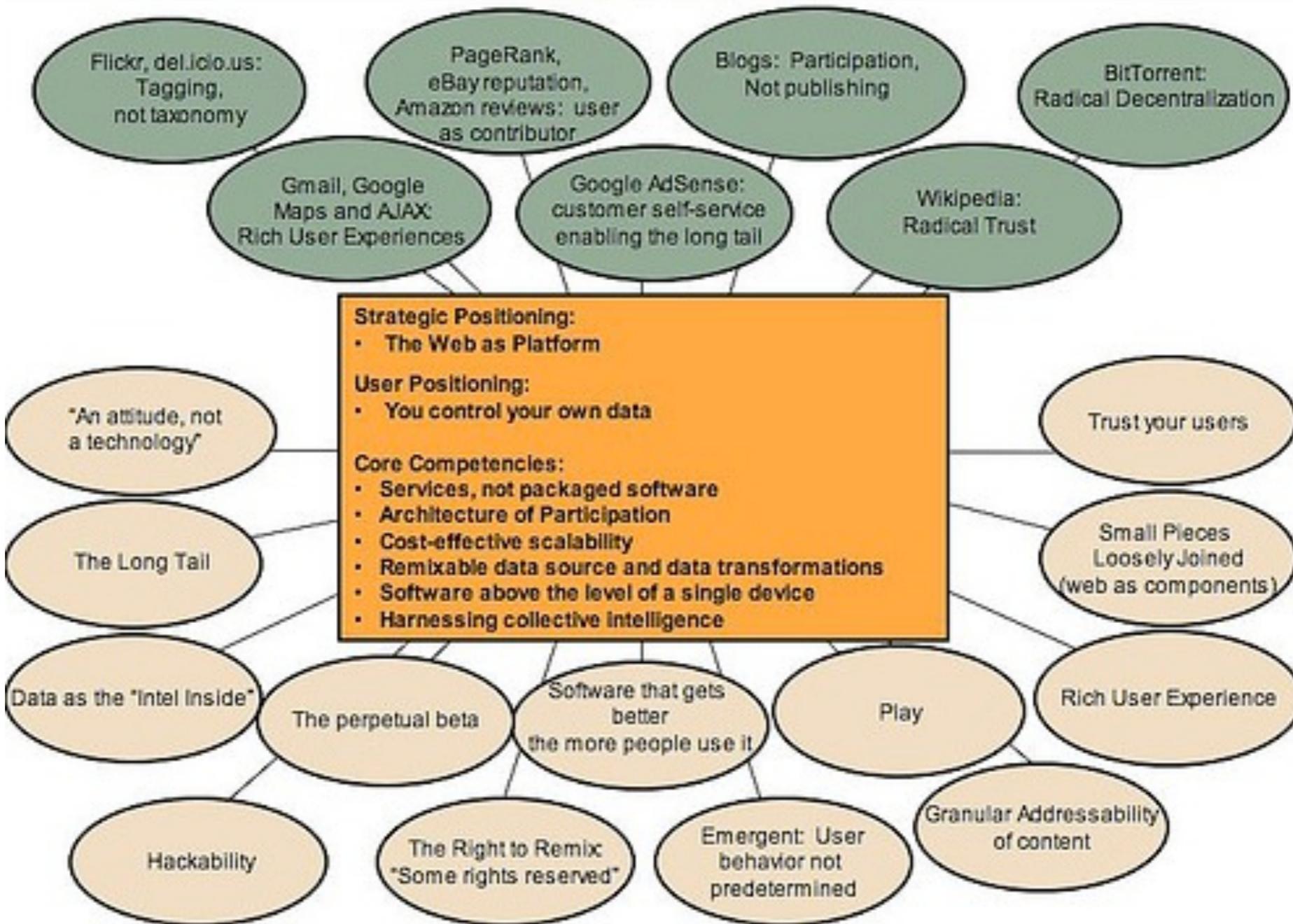


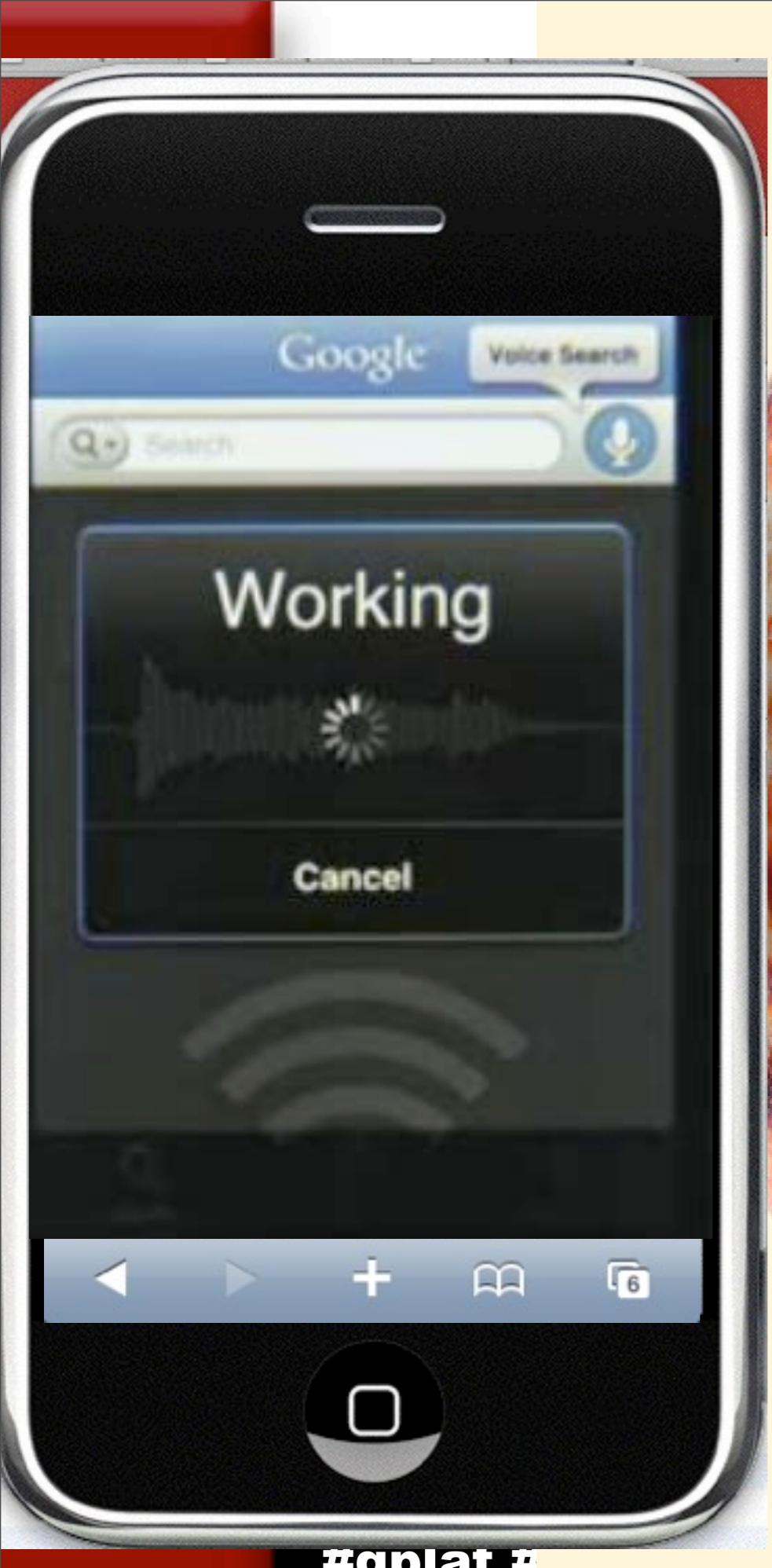
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web 2.0

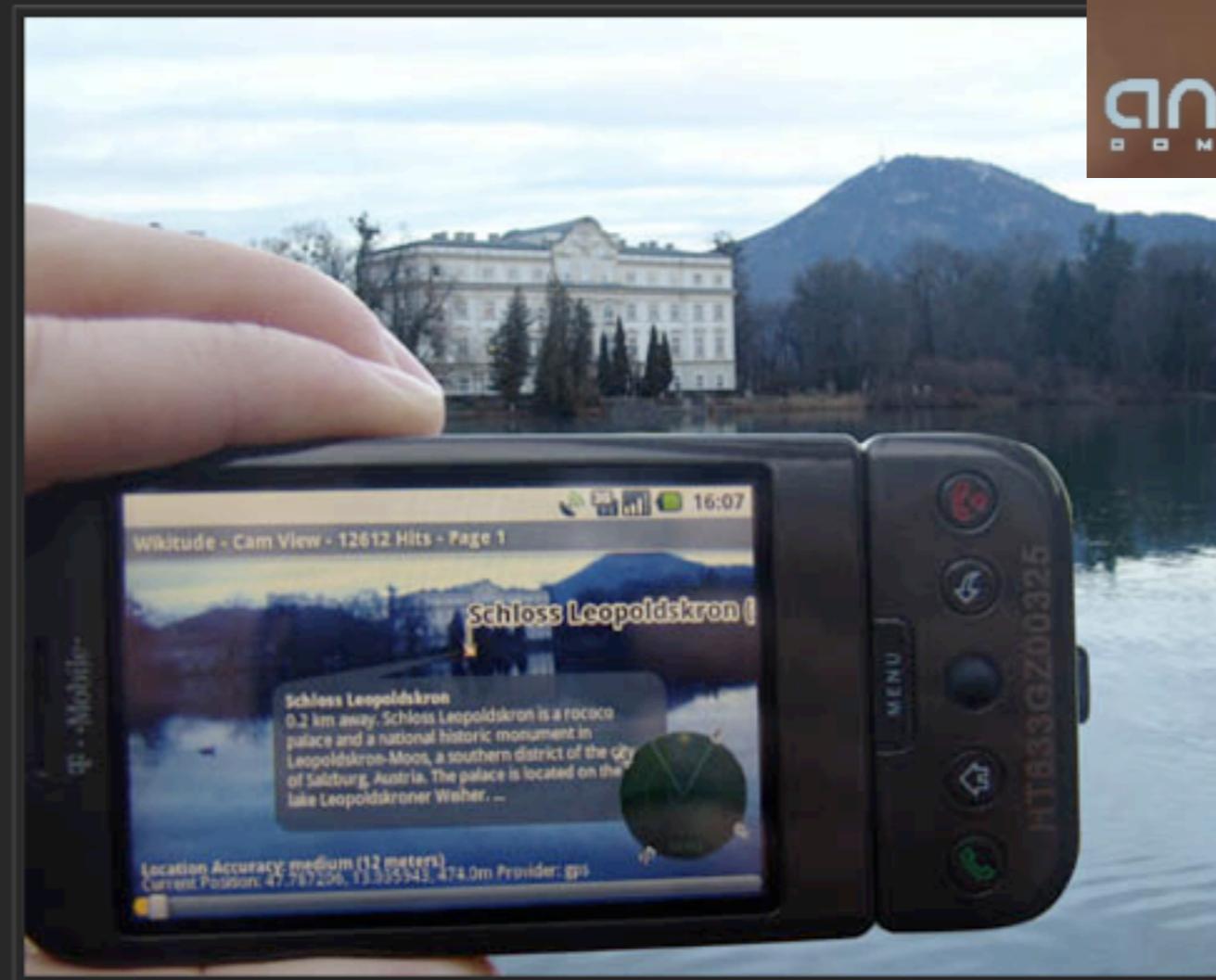
Web 2.0 Meme Map





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ANDROID
COMMUNITY

Wikitude
AR TRAVEL GUIDE

PRESS COVERAGE

Top 10 Mobile Applications
to Watch in 2009

Razorfish Digital Outlook Report 2009
(p.69),
Mar 9, 2009

The 10 Best Android Apps of
2008

gizmodo.com, Dec 26, 2008

Hungry? Get Your Apps in
Goo...

gov2.0

What might that entail?

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gov2.0 SUMMIT

Grand Hyatt Washington
Washington, DC
 September 9–10, 2009

The Platform for **CHANGE**

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Gov 2.0 Summit: The Platform for Change

Over the past fifteen years, the rise of the World Wide Web has resulted in remarkable new possibilities and business models reshaping our culture and our economy. Now the time has come to reshape government. With the proliferation of issues and a scarcity of resources to address them all, leaders inside and outside government are turning to the principles of participation, collaboration, transparency, and efficiency to address the challenges facing our country and the world. This is the agenda of the Gov 2.0 Summit.

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(Official tag: #gov20s) –

- ▶ New Radar post – Loki's Net: The National Security Risks of Gov 2.0 and the Social Web <http://bit.ly/FuWSa>
15 hours ago from gov2events
- ▶ Clay Shirky just added as speaker at Gov 2.0 Summit <http://bit.ly/pgTBp>
17 hours ago from gov2events

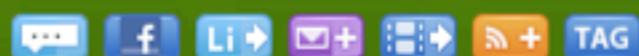
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gov2.0 EXPO SHOWCASE

September 8, 2009
Downtown Washington, DC



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Announcing Gov 2.0 Expo Showcase

Government 2.0 is about bringing the principles and value of the web as a platform to the business of governing. Lots of people are talking about it. Who's doing it? If you've planned and/or deployed a Government 2.0 project and have lessons to share, we want to hear from you.

Submit your Project or App



Our goal is to highlight the projects that are leading the way, leveraging the web as a platform, driving transparency, participation and collaboration, and reducing costs while increasing value. The top four projects in each category will be presented at Gov 2.0 Expo Showcase. We'll bestow a Govie Award on the top six projects, chosen the day of the conference.

Apps for America 2

CHANGE AMERICA

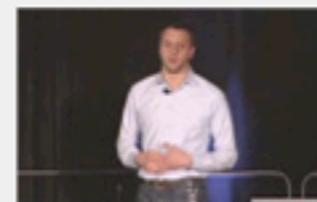
Sign up to our contest now!



We're partnering with the Sunlight Foundation to host the winners of [Apps for America 2: the Data.gov Challenge](#). The first place winner of the Apps for America 2 contest will receive one

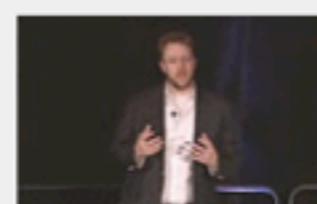
► SUBMIT A PROPOSAL

GOV 2.0 VIDEO FROM WEB 2.0 EXPO



Jascha Franklin-Hodge

"[my.barackobama.com: The Secrets of Obama's New Media Juggernaut](#)"
52:51



Clay Johnson

"[Towards a More Open Union: Ways for Us to Change America](#)"
61:51



More Gov 2.0 at Web 2.0 Expo SF

TWITTER

(OFFICIAL TAG: #GOV20E)

- @Shalala85 Lots of talks, events, and receptions this week. Tomorrow is @gov2events dinner, Thu is another

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Sponsorship Opportunities

For information on exhibition and sponsorship opportunities at Gov 2.0 Expo Showcase, contact Jessica Timmer at jtimmer@techweb.com

Media Partner Opportunities

For media partnerships, contact Matthew Balthazor 949-223-3628 mbalthazor@techweb.co

Program Ideas

Send an email to gov2-idea@oreilly.com.

Press and Media

For media-related inquiries, contact Maureen Jennings at maureen@oreilly.com or Natalia Wodecki at nwodecki@techweb.com

Gov 2.0 Expo Newsletter

To stay abreast of conference news and to receive email notification when registration opens, please sign up for the [Gov 2.0 Expo Showcase newsletter](#)

Gov 2.0

- Citizen contribution and collaboration
- Use of social media
- Transparency
- Lightweight web development practices
- Cloud computing
- *Government as a platform*



Thu

Apr 16
2009

Waiting for the Billionth Download

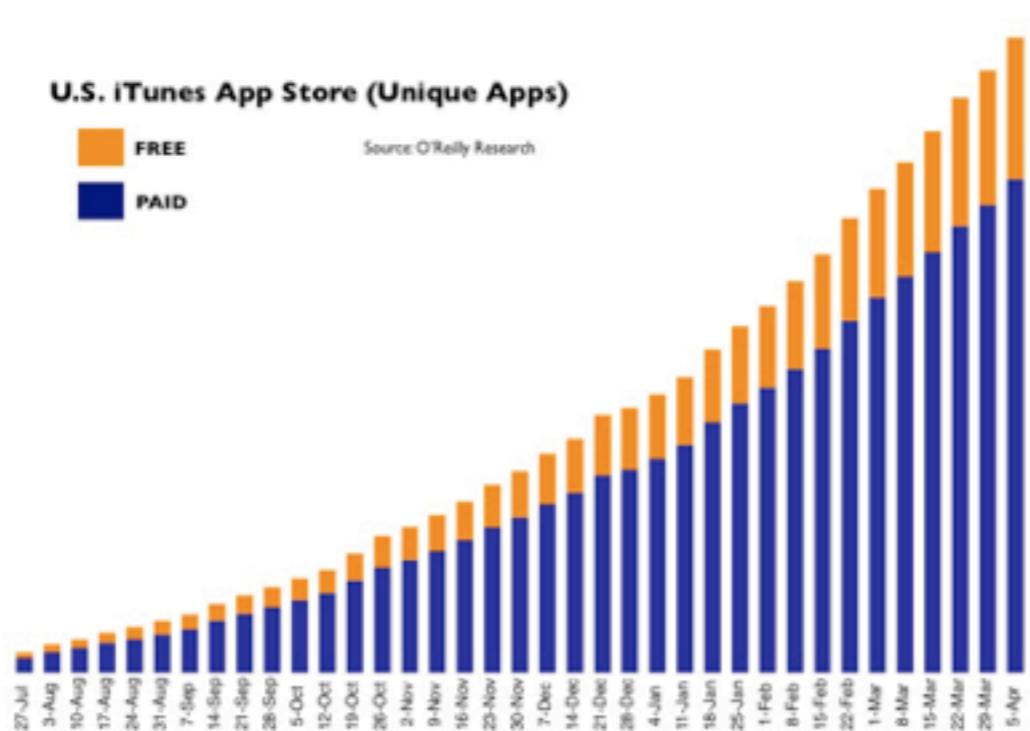
by Ben Lorica | comments: 9

listen

print

Over the next week, the iTunes App Store is set to record its billionth download, an *impressive* milestone given that it launched less than a year ago. Granted the actual usage of most apps is spotty. To mark the event, I'm updating a few charts that I produced for [previous posts](#).

Slightly over 35,000 apps have appeared in the U.S. app store. Over 31,000 were available in the last week alone, about 78% of which were PAID apps:



Following a sharp drop after the holiday season (12/21), there has been steady upward trend in new apps. Over the last 4 weeks, about 1,500 new apps launched weekly, 80% of which were PAID:

U.S. iTunes App Store: Unique NEW Apps

FREE

Source: O'Reilly Research

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iPhone
WORKSHOP

[O'Reilly Workshop: Build, Compile, and Run Your iPhone App in 2 Days](#)



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SAN JOSE, CA

Some Lessons from Successful Technology Platforms

1. Embrace open standards: they encourage innovation and grow the market

The first IBM PC



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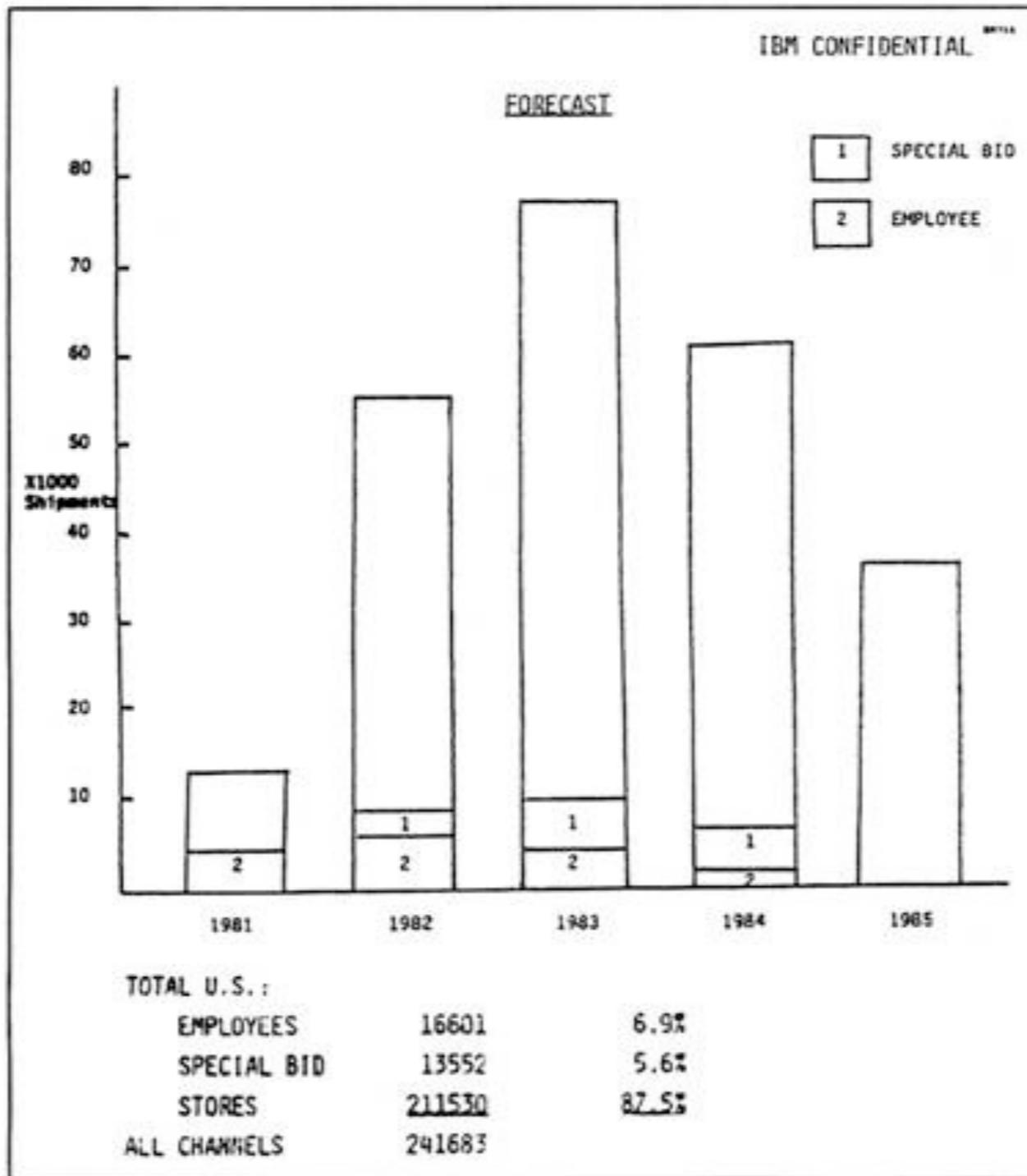
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IBM's original forecast for the PC

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IBM's original forecast for the PC



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Highlights

Ready to test the Windows 7
Release Candidate? It's here

Using Windows 7 Beta? Upgrade to
the Release Candidate before July
1

[Customize your Start menu](#)

Students: Upgrade to Windows
Vista Ultimate (PRODUCT)^{RED} for
just \$64.95 and help save lives in
Africa

Featured downloads



Windows Help and How-to



There's so much you can do
with Windows Vista—we'll
show you how. Find how-tos
and demos on:

- Hardware and drivers
- Personalizing your PC
- Networking
- Digital photos and videos



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printer

It's a very
big site



Let me help you find what you
are looking for

[Start Chat](#)

The new Windows
Live is better than
ever. ☺



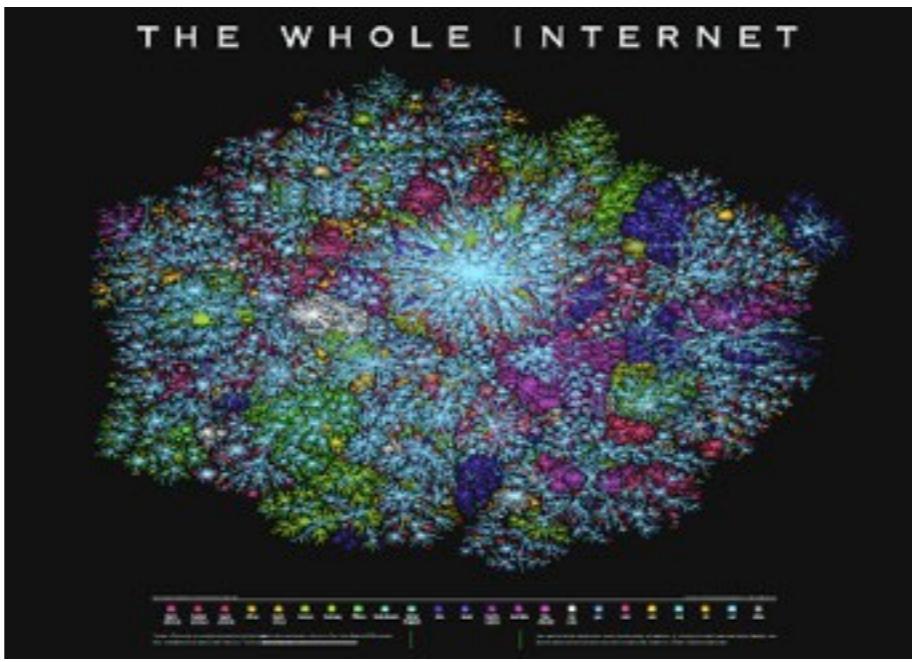
Certified products

Two Types of Platform

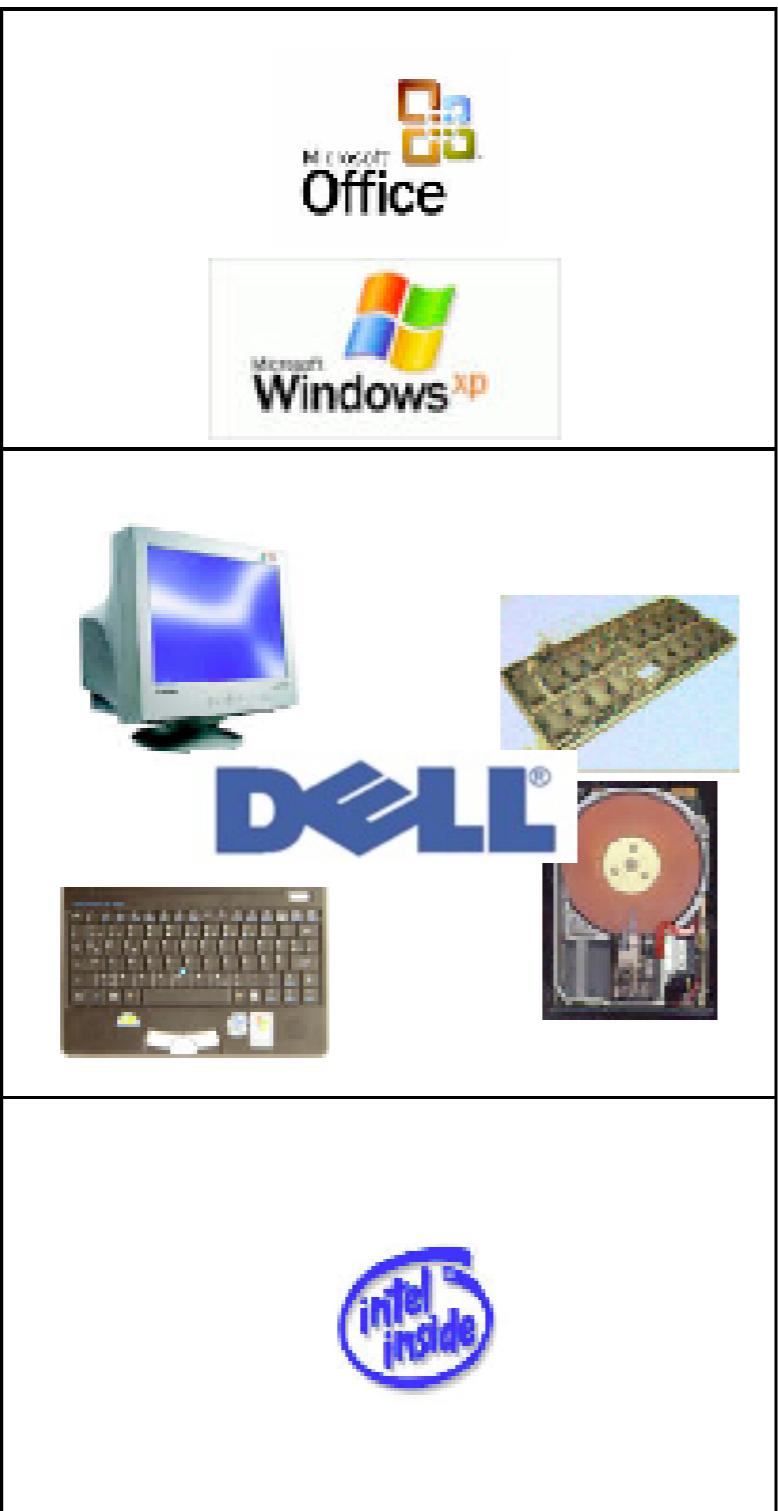
- One Ring to Rule Them All



- Small Pieces Loosely Joined



Desktop Application Stack



Proprietary Software
(Control by API)

System Assembled from
Standardized
Commodity Components

Hardware Lock In

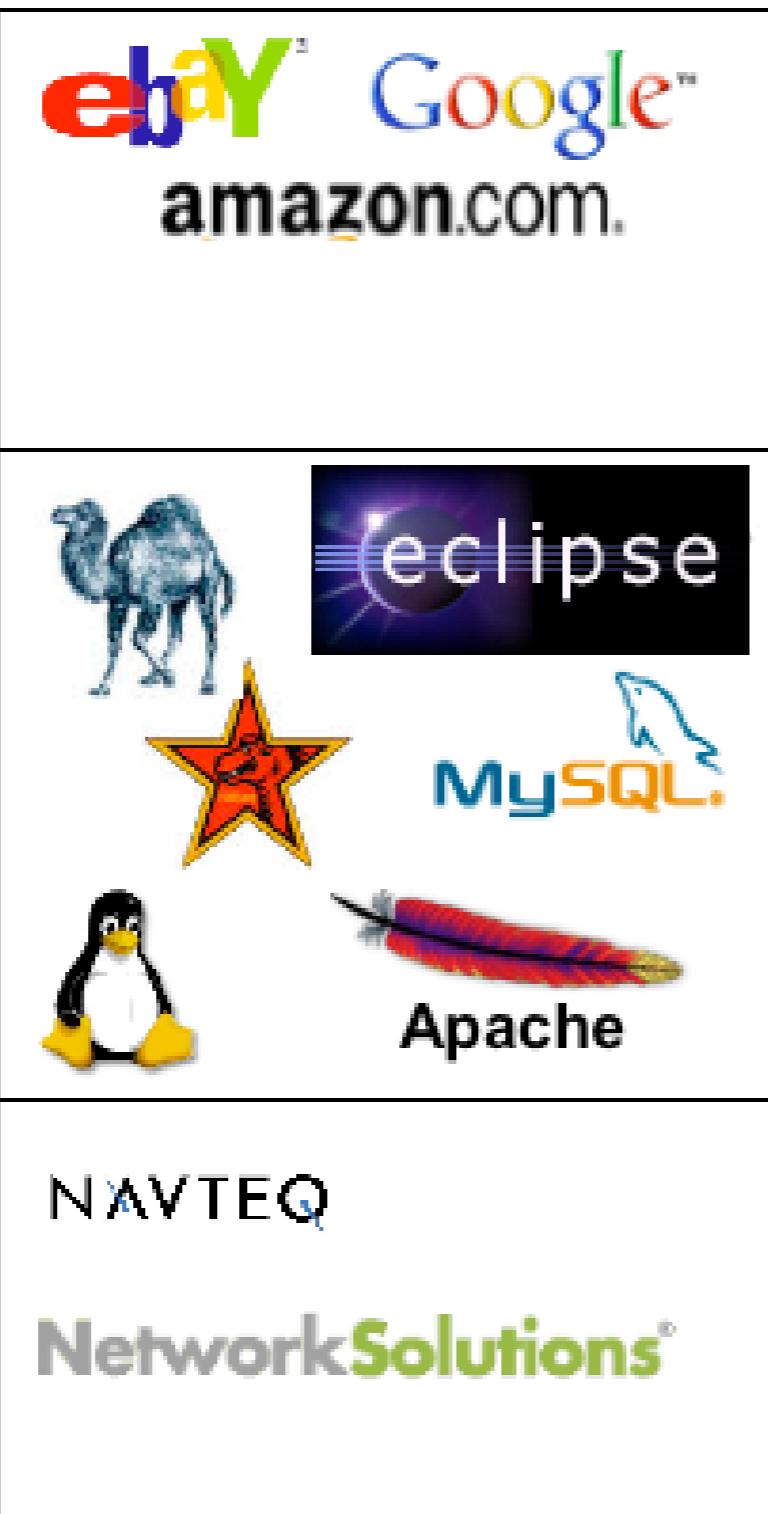
"The Law of Conservation of Attractive Profits"

"When attractive profits disappear at one stage in the value chain because a product becomes modular and commoditized, the opportunity to earn attractive profits with proprietary products will usually emerge at an adjacent stage."

-- Clayton Christensen

Author of *The Innovator's Solution*
In *Harvard Business Review*, February 2004

Internet Application Stack



Data-driven Software
Lock In by Network Effects

Integration of Commodity
Components

Data Lock In

 WEDNESDAY, JUNE 03, 2009

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**FEATURED TOOL:
BUREAU OF TRANSPORTATION STATISTICS
Airline On-Time Performance and Causes of Flight Delays**

The Airline On-Time Performance and Causes of Flight Delays table contains on-time arrival data for non-stop domestic flights by major air carriers, and provides such additional items as departure and arrival delays, origin and destination airports, flight numbers, scheduled and actual departure and arrival times, cancelled or diverted flights, taxi-out and taxi-in times, air time, and non-stop distance.

VIEW THIS TOOL ▾



1 2 3 4 5

Welcome to Data.gov

The purpose of Data.gov is to increase public access to high value, machine readable datasets generated by the Executive Branch of the Federal Government. Although the initial launch of Data.gov provides a limited portion of the rich variety of Federal datasets presently available, we invite you to actively participate in shaping the future of Data.gov by suggesting additional datasets and site enhancements to provide seamless access and use of your Federal data. Visit today with us, but come back often. With your help, Data.gov will continue to grow and change in the weeks, months, and years ahead.

How to use Data.gov

Data.gov includes a searchable **data catalog** that includes access to data in two ways: through the "raw" data catalog and using tools. Please note that by accessing datasets or tools offered on Data.gov, you agree to the **Data Policy**, which you should read before accessing any dataset or tool. If there are additional datasets that you would like to see included on this site, please **suggest more datasets** here. For more information on how to use Data.gov, **view our tutorial**.

WEDNESDAY, JUNE 03, 2009

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About

The purpose of Data.gov is to increase public access to high value, machine readable datasets generated by the Executive Branch of the Federal Government.

As a priority Open Government Initiative for President Obama's administration, Data.gov increases the ability of the public to easily find, download, and use datasets that are generated and held by the Federal Government. Data.gov provides descriptions of the Federal datasets (metadata), information about how to access the datasets, and tools that leverage government datasets. The data catalogs will continue to grow as datasets are added. Federal, Executive Branch data are included in the first version of Data.gov.

Participatory Democracy

Public participation and collaboration will be one of the keys to the success of Data.gov. Data.gov enables the public to participate in government by providing downloadable Federal datasets to build applications, conduct analyses, and perform research. Data.gov will continue to improve based on feedback, comments, and recommendations from the public and therefore we encourage individuals to suggest datasets they'd like to see, rate and comment on current datasets, and suggest ways to improve the site.

Goal

A primary goal of Data.gov is to improve access to Federal data and expand creative use of those data beyond the walls of government by encouraging innovative ideas (e.g., web applications). Data.gov strives to make government more transparent and is committed to creating an unprecedented level of openness in Government. The openness derived from Data.gov will strengthen our Nation's democracy and promote efficiency and effectiveness in Government.

DATA.GOV [Data Policy](#) | [Accessibility](#) | [Contact Info](#) | [Privacy Policy](#)



got data?

Open Government Data

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OpenDataPrinciples

- [\(Announcement\)](#)

Open Government Data Principles

Government data shall be considered open if they are made public in a way that complies with the principles below:

1. Complete

All public data are made available. Public data are data that are not subject to valid privacy, security or privilege limitations.

2. Primary

Data are collected at the source, with the finest possible level of granularity, not in aggregate or modified forms.

3. Timely

Data are made available as quickly as necessary to preserve the value of the data.

4. Accessible

Data are available to the widest range of users for the widest range of purposes.

5. Machine processable

Data are reasonably structured to allow automated processing.

6. Non-discriminatory

Data are available to anyone, with no requirement of registration.

7. Non-proprietary

Data are available in a format over which no entity has exclusive control.

8. License-free

Data are not subject to any copyright, patent, trademark or trade secret regulation. Reasonable privacy, security and privilege restrictions may be allowed.

Compliance must be [reviewable](#).

- [\(Discussion\)](#)
- [\(Resources\)](#)
- [\(Support\)](#)

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Accessibility



Infrastructure as a Service (IaaS) offerings

Solicitation Number: QTA-0-09-MH-I-0003

Agency: General Services Administration

Office: Federal Acquisition Service (FAS)

Location: ITS Office of Acquisition Operations (QTA)

[Notice Details](#)[Packages](#)[Interested Vendors List](#)

Original Synopsis

May 13, 2009

3:33 pm

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Solicitation Number:

QTA-0-09-MH-I-0003

Notice Type:

Presolicitation

Synopsis:

Added: May 13, 2009 3:33 pm

The GSA Office of the Chief Information Officer (OCIO), in concert with the IT Infrastructure Line of Business (ITI LoB), requests Capability Statements and responses to Business Model, Pricing Model, and Service Level Agreement (SLA) questions, 1 through 5, from vendors who provide Infrastructure as a Service (IaaS) offerings.



Please consult the list of [document viewers](#) if you cannot open a file.

Infrastructure as a Service (IaaS) offerings

Type: Other (Draft RFPs/RFIs, Responses to Questions, etc..)

Posted Date: May 13, 2009

ALL FILES

[Infrastructure as a Service \(IaaS\) offerings](#)

May 13, 2009

[RFI ITI LOB.doc](#)

GENERAL INFORMATION

Notice Type:

Presolicitation

Posted Date:

May 13, 2009

Response Date:

May 26, 2009 5:00 pm Eastern

Archiving Policy:

Automatic, 15 days after response date

Archive Date:

June 10, 2009

Original Set Aside:

N/A

Set Aside:

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Accessibility

Infrastructure as a Service (IaaS) offerings

Solicitation Number: QTA-0-09-MH-I-0003



5 Please address the following Interoperability and Portability questions:

- 5.1 Describe your recommendations regarding “cloud-to-cloud” communication and ensuring interoperability of cloud solutions.
- 5.2 Describe your experience in weaving together multiple different cloud computing services offered by you, if any, or by other vendors.
- 5.3 As part of your service offering, describe the tools you support for integrating with other vendors in terms of monitoring and managing multiple cloud computing services.
- 5.4 Please explain application portability; i.e. exit strategy for applications running in your cloud, should it be necessary to vacate.
- 5.5 Describe how you prevent vendor lock in.

Original
May 13, 2009
3:33 pm

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N/A

NASA Launches 'Nebula' Compute Cloud

The space agency's open source cloud project could be used in support of space missions and a more open Web strategy.

By John Foley, [InformationWeek](#)

May 22, 2009

URL: <http://www.informationweek.com/story/showArticle.jhtml?articleID=217600714>

NASA is ramping up a cloud computing initiative that could be used in support of its space missions and to give Earth-bound observers greater participation in the space program.

An early version of NASA's computing cloud, called Nebula, is already up and running.

Until now, NASA hasn't said much about its plans for cloud computing. Chris Kemp, CIO of NASA's Ames Research Center in Mountain View, Calif., mentioned Nebula for the first time this week at the Federal IT on a Budget [Forum](#) in Washington, D.C. In an interview, Kemp said the Nebula cloud is operating and that it's being used to host a [Web site](#) that goes by the same name, Nebula.nasa.gov.

On that site, NASA describes Nebula as a cloud computing environment that integrates "open source components into a seamless, self-service platform. It provides high-capacity computing, storage, and network connectivity and uses a virtualized, scalable approach to achieve cost and energy efficiencies."

NASA said Nebula can be used for the rapid development of policy-compliant, secure Web applications and that it will be used in support of education, public outreach, collaboration, and mission support. "Built from the ground up around principles of transparency and public collaboration, Nebula is also an [open source](#) project," according to NASA.

NASA describes Nebula as a combination of infrastructure, platform, and software as a service, and the space agency has created an IT [architecture](#) in support of that. Components include the Eucalyptus [software](#) developed at the University of California at Santa Barbara, the Lustre file system deployed on [64-bit](#) storage nodes, the Django Web application framework, the SOLR indexing and [search](#) engine, and an integrated development environment. Nebula will be compatible with Amazon Web Services, which means AWS-compatible tools will work with it and Nebula virtual servers can run on Amazon's Elastic Compute Cloud.

Among other potential uses, Nebula could be used in support of a proposed overhaul of NASA's Web sites. In a draft white paper published last month, Kemp proposes that NASA's many sites be consolidated into a "single facility" with a Web [application framework](#) that would include templates for user-generated blogs, wikis, and other content and an [API](#) for other development. Kemp compares it conceptually to Salesforce.com's Force.com and Google's App Engine services. Such an approach would support the public's desire to be more actively engaged with NASA and its space missions, Kemp wrote.

The **INTEROP** Cloud

A Demonstration of Cloud Computing



live at

ENTERPRISE
CLOUD SUMMIT



Las Vegas, May 18th-19th, 2009

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2. Build a simple system - let it evolve

“A complex system that works is invariably found to have evolved from a simple system that worked. The inverse proposition also appears to be true: A complex system designed from scratch never works and cannot be made to work. You have to start over, beginning with a working simple system.”

*John Gall, in [Systemantics](#):
How Systems Really Work and How They Fail*

TCP/IP vs. the OSI Model

OSI Model

- 7 Application Layer
- 6 Presentation Layer
- 5 Session Layer
- 4 Transport Layer
- 3 Network Layer
- 2 Data Link Layer
 - LLC sublayer
 - MAC sublayer
- 1 Physical Layer

"Over the long haul, most vendors are going to migrate from TCP/IP to support layer 4, the transport layer, of the OSI model. For the short term, however, TCP/IP provides organizations with enough functionality to protect their existing equipment investment. And over the long term, TCP/IP promises to allow for easy migration to OSI."

April 22, 1986 issue of Computer Decisions, entitled "TCP/IP: Stairway to OSI" by Robert A. Moskowitz

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April 22, 1986 issue of Computer Decisions, entitled "TCP/IP: Stairway to OSI" by Robert A. Moskowitz

TCP implementations should follow a general principle of robustness: be conservative in what you do, be liberal in what you accept from others.

- Jon Postel, in RFC 761 (later known as “The Robustness Principle”, known elsewhere as “The Golden Rule”)



SEARCH

MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS AND AGENCIES**SUBJECT:** Transparency and Open Government

My Administration is committed to creating an unprecedented level of openness in Government. We will work together to ensure the public trust and establish a system of transparency, public participation, and collaboration. Openness will strengthen our democracy and promote efficiency and effectiveness in Government.

Government should be transparent. Transparency promotes accountability and provides information for citizens about what their Government is doing. Information maintained by the Federal Government is a national asset. My Administration will take appropriate action, consistent with law and policy, to disclose information rapidly in forms that the public can readily find and use. Executive departments and agencies should harness new technologies to put information about their operations and decisions online and readily available to the public. Executive departments and agencies should also solicit public feedback to identify information of greatest use to the public.

Government should be participatory. Public engagement enhances the Government's effectiveness and improves the quality of its decisions. Knowledge is widely dispersed in society, and public officials benefit from having access to that dispersed knowledge. Executive departments and agencies should offer Americans increased opportunities to participate in policymaking and to provide their Government with the benefits of their collective expertise and information. Executive departments and agencies should also solicit public input on how we can increase and improve opportunities for public participation in Government.

Government should be collaborative. Collaboration actively engages Americans in the work of their Government. Executive departments and agencies should use innovative tools, methods, and systems to cooperate among themselves, across all levels of Government, and with nonprofit organizations, businesses, and individuals in the private sector. Executive departments and agencies should solicit public feedback to assess and improve their level of collaboration and to identify new opportunities for cooperation.

I direct the Chief Technology Officer, in coordination with the Director of the Office of Management and Budget (OMB) and the Administrator of General Services, to coordinate the development by appropriate executive departments and agencies, within 120 days, of recommendations for an Open Government Directive, to be issued by the Director of OMB, that instructs executive departments and agencies to take specific actions

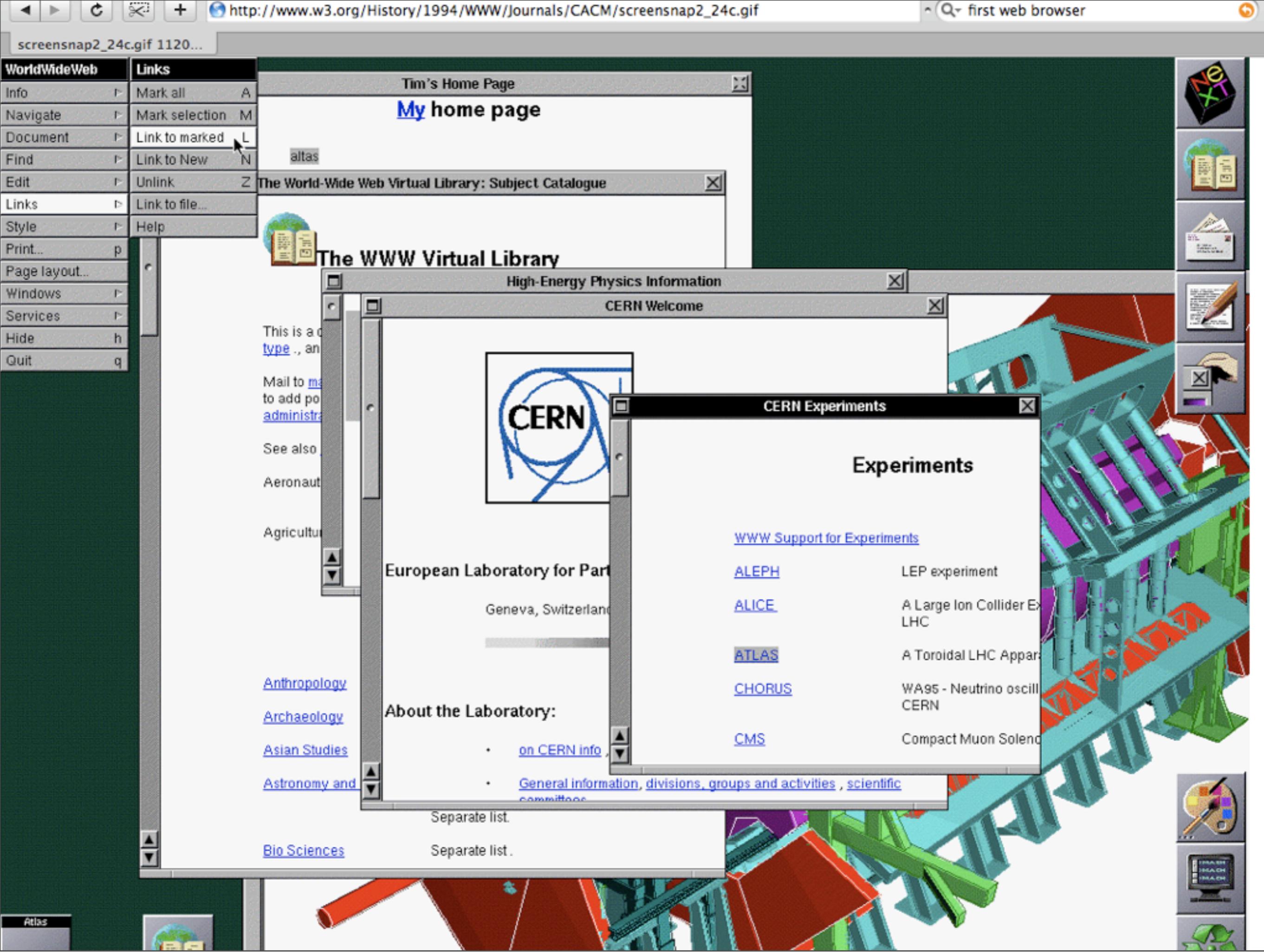
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TUE, JUNE 2, 3:49 PM EST

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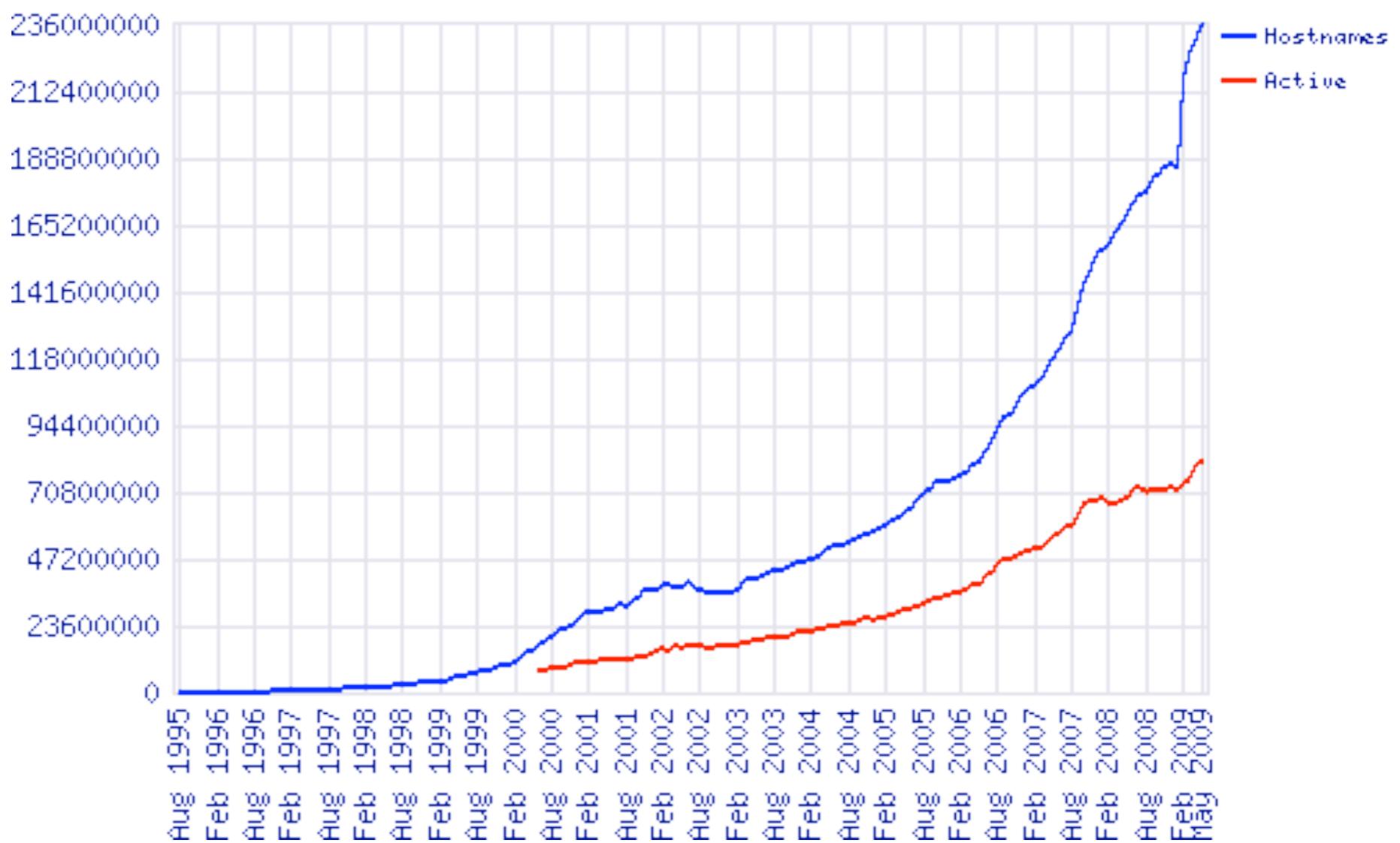
**Sounds like a government version of
the “Robustness Principle” to me!**



Components of the Platform

- IP - Internet Protocol
- TCP - Transmission Control Protocol
- DNS - Domain Name System
- HTTP - Hypertext Transfer Protocol
- HTML - Data Format
- Demonstration client and server, both soon outstripped by third party offerings

Now more than 80 million web sites



Source: Netcraft Web Server Survey: http://news.netcraft.com/archives/2009/05/27/may_2009_web_server_survey.html



Home You Organize Contacts Groups Explore

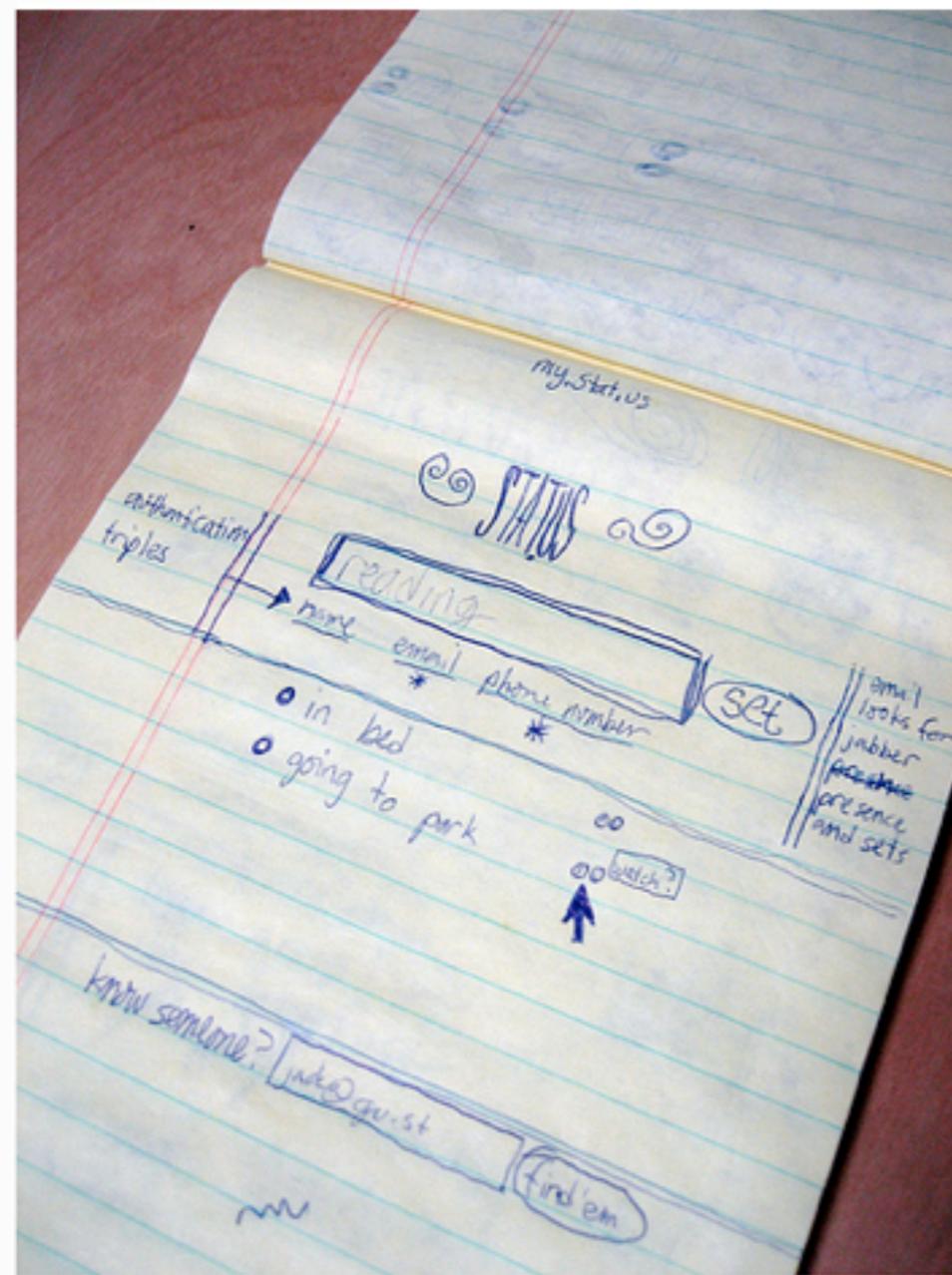
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On May 31st, 2000, I signed up with a new service called LiveJournal. I was user 4,136 which entitled me a permanent account and street cred in some alternate geeky universe which I have not yet visited. I was living in the Sunshine Biscuit Factory in Oakland California and starting a company to dispatch couriers, taxis, and emergency services from the web.

One night in July of that year I had an idea to make a more "live" LiveJournal. Real-time,

Build a simple system, let it evolve?

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This one's a bit of a challenge!

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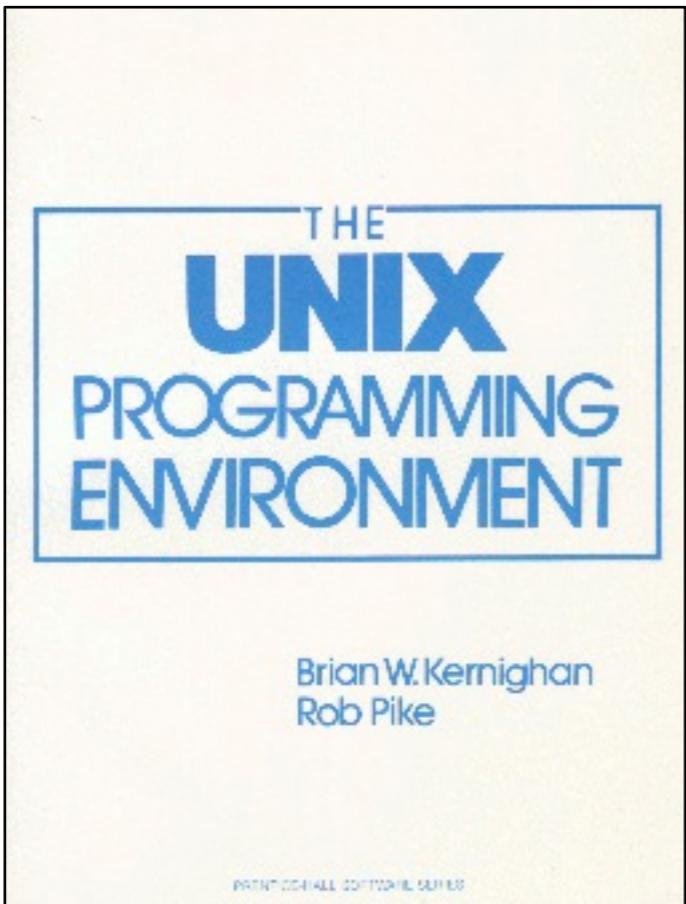
This one's a bit of a challenge!

- But, don't forget! TCP/IP was a government project.

First arpanet-imp log

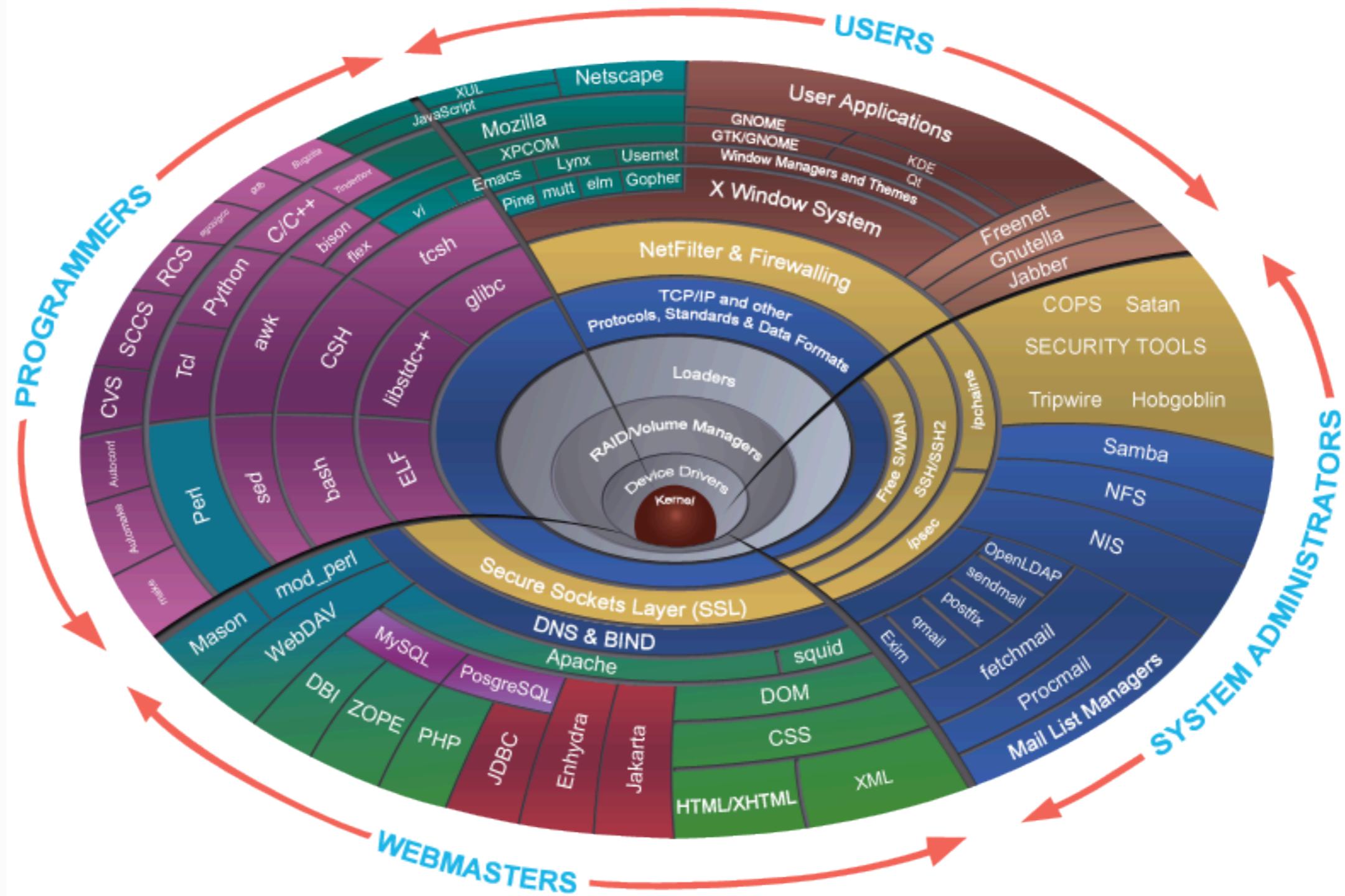
29 OCT 69 2100	LOADED	OP. PROGRAM	CSK
	FOR BEN BARKER		
	BBN		
22:30	TALKED TO SRI		CSL
	HOST TO HOST		
	LEFT OP. PROGRAM	CSL	
	RUNNING AFTER SENDING		
	A HOST READ MESSAGE		
	TO IMP.		

3. Design for participation



“The book is perhaps most valuable for its exposition of the Unix philosophy of small cooperating tools with standardized inputs and outputs, a philosophy that also shaped the end-to-end philosophy of the Internet. It is this philosophy, and the architecture based on it, that has allowed open source projects to be assembled into larger systems such as Linux, without explicit coordination between developers.”

Anatomy of a Linux System



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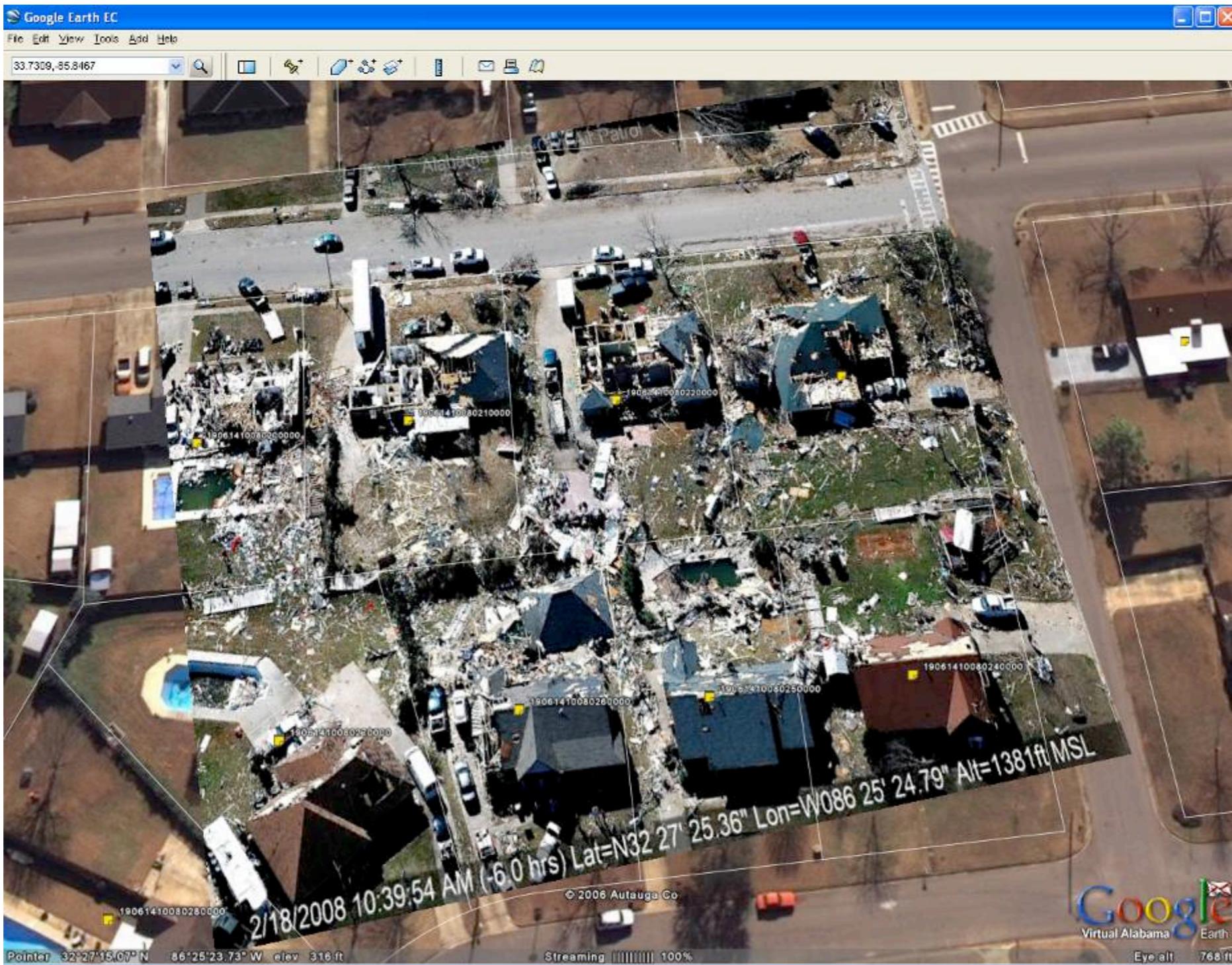
HELP

CHAPTER 4 | Document 34**Thomas Jefferson to Joseph C. Cabell**2 Feb. 1816 *Writings 14:421--23*

No, my friend, the way to have good and safe government, is not to trust it all to one, but to divide it among the many, distributing to every one exactly the functions he is competent to. Let the national government be entrusted with the defence of the nation, and its foreign and federal relations; the State governments with the civil rights, laws, police, and administration of what concerns the State generally; the counties with the local concerns of the counties, and each ward direct the interests within itself. It is by dividing and subdividing these republics from the great national one down through all its subordinations, until it ends in the administration of every man's farm by himself; by placing under every one what his own eye may superintend, that all will be done for the best. What has destroyed liberty and the rights of man in every government which has ever existed under the sun? The generalizing and concentrating all cares and power into one body, no matter whether of the autocrats of Russia or France, or of the aristocrats of a Venetian senate. And I do believe that if the Almighty has not decreed that man shall never be free, (and it is a blasphemy to believe it,) that the secret will be found to be in the making himself the depository of the powers respecting himself, so far as he is competent to them, and delegating only what is beyond his competence by a synthetical process, to higher and higher orders of functionaries, so as to trust fewer and fewer powers in proportion as the trustees become more and more oligarchical. The elementary republics of the wards, the county republics, the State republics, and the republic of the Union, would form a gradation of authorities, standing each on the basis of law, holding every one its delegated share of powers, and constituting truly a system of fundamental balances and checks for the government. Where every man is a sharer in the direction of his ward-republic, or of some of the higher ones, and feels that he is a participator in the government of affairs, not merely at an election one day in the year, but every day; when there shall not be a man in the State who will not be a member of some one of its councils, great or small, he will let the heart be torn out of his body sooner than his

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How did DHS Virtual Alabama Get Participation from Agencies w/o control?



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Officials eye a geospatial 'Virtual USA'

By Ben Bain • Feb 25, 2009

Federal and state authorities are collaborating on a project that would allow state and local caches of geospatial data to be interoperable and more useful with the goal of creating a "Virtual USA" for emergency response purposes.

The Homeland Security Department's Science and Technology Directorate recently sponsored a first meeting where officials from several Southern states discussed their efforts to manage and use geospatial data and how they could share it with each other. Officials say the goal is to make local- and state-owned geospatial data interoperable and usable across jurisdictions, with non-federal authorities maintaining control over the data and deciding what data to share.

The program was inspired by the success that Alabama had in using information gathered at a local level to aid first responders. The recent meeting was hosted by Alabama's Homeland Security Department, which created Virtual Alabama. That is a system built on Google Earth Enterprise software that allows authorities to create data mashups by quickly pulling

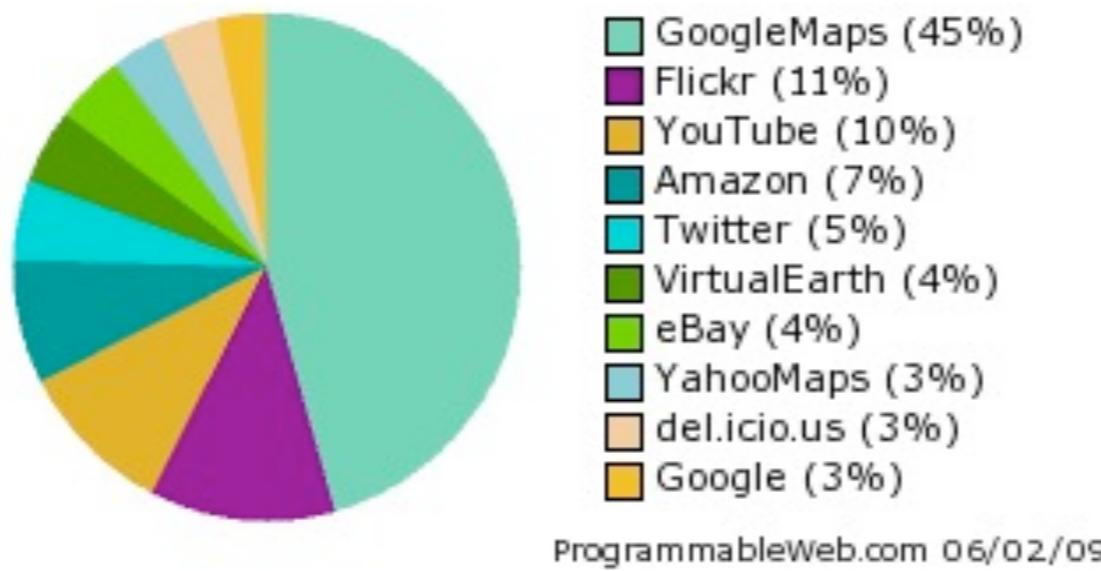
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4. Learn from your users, especially ones who do what you don't expect

- 45% of all mashups are on Google Maps, only 4% on Microsoft Virtual Earth, 3% Yahoo! Maps



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Map interface ©2005 Google
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pics	price	bd	description
	\$1700		Everything Is Brand New
	\$1975	4bd	House for rent in Gladwyne Village
	\$1800	3bd	House for rent - 3 yrs old, on 2 acres next to Perkiomen Trail
	\$1600	5bd	Huge Victorian, Lots of Charm
	\$1700	5bd	Possible Rent-to-own
	\$1600	2bd	Charming Carriage House For Rent
	\$1565	2bd	New Rental Community
	\$1500	2bd	Lease or Lease purchase 2 bedroom rancher with Garage
	\$1500	1bd	Trinity House at 7th and Lombard in Center City
	\$1550	2bd	Amazing, Brand New Apartment Avail. *Now*
	\$1500	1bd	New L O F T Conversion
	\$2000	4bd	3-4 bedroom,central air,parking,master suite
	\$1600	5bd	House for Rent Available 07/01/05
	\$1500	3bd	House for rent near Temple
	\$1795	2bd	Center City Society Hill
	\$1550	3bd	Manayunk Ave 3 bed / 1 bath twin
	\$1750	2bd	Beautiful Townhouse For Rent
	\$1500	1bd	The Wanamaker House-Luxury Condo Building-Rittenhouse Square(1 block)
	\$1500	2bd	Loft - newly renovated

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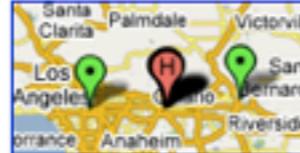
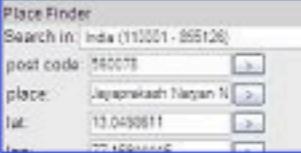
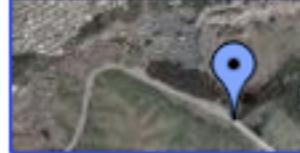
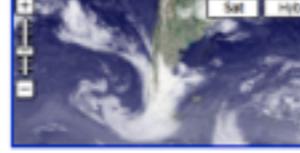
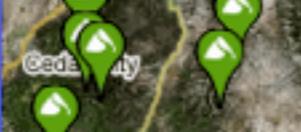
e.g. Real Estate, Weather, Earthquakes

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Securities and Exchange Commission

Would our markets function more effectively if the periodic reports of public corporations were on the Internet?



EFFICIENT MARKETS REQUIRE PERFECT INFORMATION

WHOLESALE VERSUS RETAIL

In 1993, the SEC had drunk the value-added koolaid popular among beltway bandits of the era. The story went that digital data cost a lot of money to produce and was only of interest to specialized audiences, such as Wall Street fatcats. Why should the government pay good money to serve these specialized needs? Instead, the feds should give all their data to retail information providers who would "add value," somehow making the data more palatable.

Jamie Love, Ralph Nader's designated raider on Internet matters wasn't buying it and was demanding that the SEC put their EDGAR database on the Internet for free access by all. The SEC dug their heals in and told their congressional oversight committee that it would cost millions and millions of dollars to put EDGAR online, and that the Internet didn't make sense because it didn't as they so tactfully put it "have the right kind of people." What they meant was that the net was just a few computer science researchers on a DoD research project. Ha!

THE RIGHT KIND OF PEOPLE

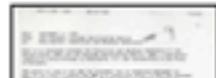
After the SEC advanced their theory as to why EDGAR shouldn't go on-line, the congressional overseers decided they'd get a reality check. They called in the Internet Multicasting Service, the predecessor to Public.Resource.Org, and asked us what we thought about all this. Well, we told them we thought that the American people were the right kind of people and what sense did it make to have our stock markets function on less-than-perfect information?

With a donated computer from Eric Schmidt at Sun Microsystems and a National Science Foundation grant arranged by Steve Wolff to let us buy the data, Brewster Kahle donated WAIS software for full-text searches, the newfangled web thing seemed like a reasonable user interface, and we were off and running!

Two years later, with a little maneuvering and some bombast, the SEC was happily running the service themselves!

PAPER TRAIL

09.11.95



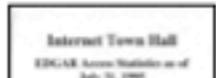
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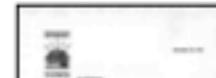
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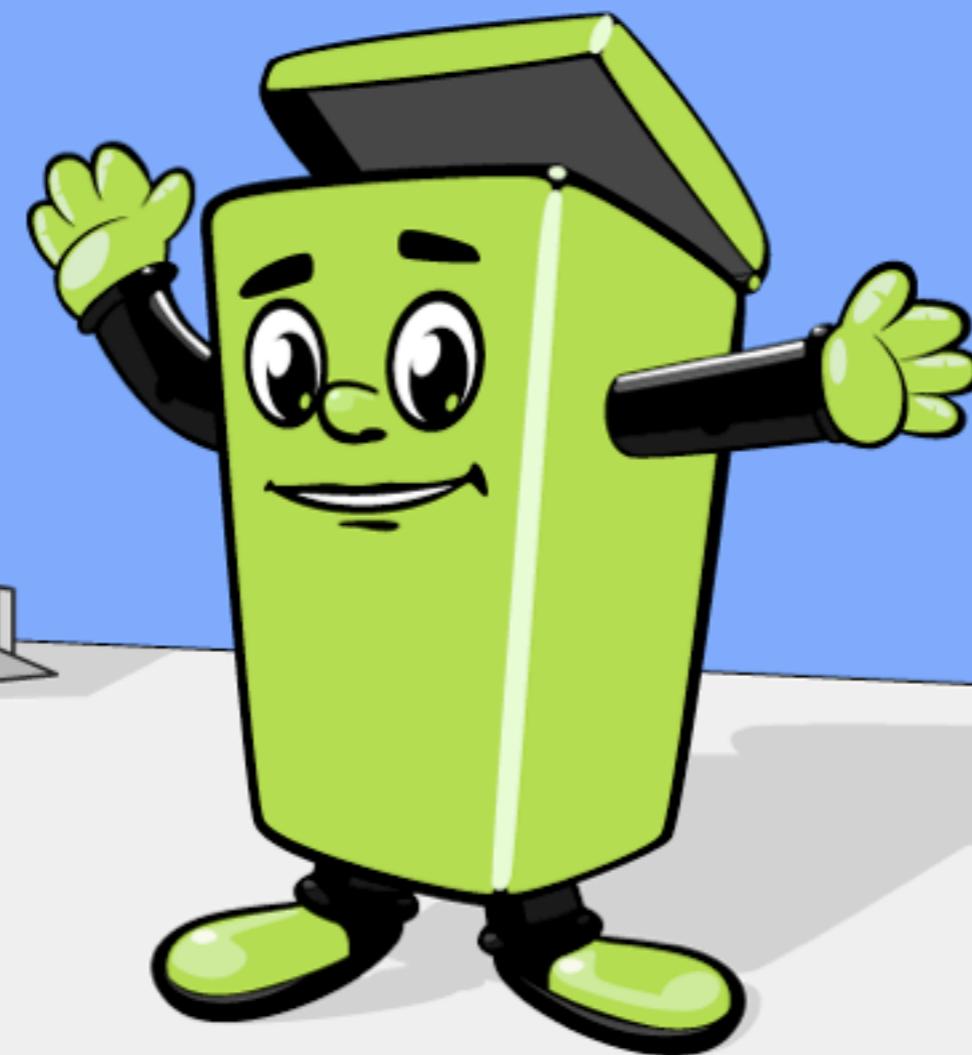
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[Delivering the H.R. 45 "Group Letter"](#)

Fri, 22 May 2009 13:05:48

In March and April we ran an experiment to see if citizens could come together to write a "group letter" to Congress. Yesterday I took a trip down to Capitol Hill to deliver the letter to Members of Congress. [\(more...\)](#)

[Upgrading Senate technology and other recent press](#)

Tue, 12 May 2009 00:43:43

Recently the Senate decided to update its website so that it shares roll call vote data with other websites, like GovTrack, in a more technologically friendly way. I've been pushing this for the past couple of years, along with others, and it's great news to finally see this change. Read on for more and other recent press coverage. [\(more...\)](#)

[Filibusted.us: Check out who is stalling Senate action](#)

Wed, 06 May 2009 20:48:57

[Collaborative Letter Update](#)

Sun, 03 May 2009 00:04:03

[Site Updates](#)

Mon, 06 Apr 2009 13:05:42



OpenCongress Blog RSS FEED

Congress Links

Sonia Stotomayor visits the Senate. Majority Leader Reid hopes he doesn't have to read any of her opinions. Obama names a Republican Representative to a high-ranking Army position. And opposition to Conyers' radio royalties bill has become virtually unstoppable. That and more in today's roundup of links on Congress. [More... >>](#)



JUNE 2, 2009

- » [Congress, Obama Team Up to Block the Release of Detainee Torture Pics](#) JUN 2
- » [Trust Busting the Trains](#) JUN 2
- » [Whole Body Imaging](#) JUN 1

[All Blog Posts >>](#)[Send Us a Tip or Suggest a Link >>](#)

Featured Members of Congress RSS FEED

Arlen Specter is one of the most-viewed Senators.

On April 28, 2009, fifth term Pennsylvania Senator Arlen Specter announced that he was leaving the Republican party to join the Democrats and that he would be running on the Democratic ticket in 2010 for re-election. In a [statement](#) on his decision he said: "Since my election in 1980, as part of the Reagan Big Tent, the Republican Party has moved far to the right." Since his party switch, Sen. Specter has voted on several big issues against the rest of the Democrats. Here is a list of his [recent votes](#) on OpenCongress.



Nancy Pelosi is one of the most-viewed Representatives.

House Speaker Nancy Pelosi (D-CA) said at a recent press conference that she was lied to by the CIA in 2002 regarding their use of waterboarding and other "enhanced interrogation" techniques. "The CIA was misleading Congress," Pelosi said. "At the same time, the administration was misleading Congress on weapons of mass destruction in Iraq." She has since backpedaled a bit, saying that her criticisms were meant for the Bush administration, not career intelligence officials.



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 H.R.45	Blair Holt's Firearm Licensing and Record of Sale Act of 2009 INTRODUCED JAN. 05, 2009	7,131 views
 S.1085	Reuniting Families Act INTRODUCED MAY. 19, 2009	7,016 views
 H.R.1868	Birthright Citizenship Act of 2009 INTRODUCED APR. 01, 2009	7,015 views
 H.R.1388	The Edward M. Kennedy Serve America Act INTRODUCED MAR. 08, 2009	4,785 views
 H.R.2454	American Clean Energy And Security Act of 2009 INTRODUCED MAY. 14, 2009	2,332 views
 H.R.627	Credit CARD Act of 2009 INTRODUCED JAN. 21, 2009	1,905 views

[See more bills >>](#)

Latest Votes

[H.R.1256 Family Smoking Prevention and Tobacco Control Act](#)

On the Cloture Motion

[Roll Call Details >>](#)

Ayes: 84 Nays: 11

[JUN 02, 2009](#)[H.R.2346 Supplemental Appropriations Act, 2009](#)

On Passage of the Bill

[Roll Call Details >>](#)

Ayes: 86 Nays: 3

[MAY 21, 2009](#)[H.R.915 FAA Reauthorization Act of 2009](#)



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Redesigning The Government: The U.S. Supreme Court

By Daniel Schuman on 06/02/09 @ 10:42 am | [8 Comments](#)

Tags: Barack Obama, Redesign, SCOTUS, Supreme Court, Transparency, Web 2.0



President Obama's nomination of Judge Sotomayor has brought increased attention to the U.S. Supreme Court. It also has led us to reexamine the Court's [web site](#), which is long overdue for an overhaul. In its current form, its web design is suggestive of the 1990s, and its functionality is similarly dated.

The Justices appear to [agree](#). They've recently ask Congress for money to move control of the site in-house, taking over responsibility from the GPO. This move would allow them, in their words, to "better control and manage the web site and to be able to expand the data and services provided by the site more efficiently."

The current web site has many shortcomings. It doesn't contain briefs by the parties and omits all but a few relatively recent Court opinions. Its navigation is a nightmare and its design fails to incorporate modern techniques such as RSS feeds and XML. Much information is unnecessarily locked in PDFs. And yet, in January 2009 the nine-year-old site received 18 million hits.

To help the Court update its web presence, the Sunlight Foundation has put together the following mock-up.

The most important aspect of the mock-up is that it takes into account the web site's diverse users. It accommodates the general public and students, legal researchers, court researchers,

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Welcome to FedSpending.org

FedSpending.org Reaches 10 Million Searches!

In June, 2008, FedSpending.org logged its 10 millionth search by a person since the site was launched in October, 2006. OMB Watch continues to be overwhelmed and gratified by the public response to the website. To add to the total, select either the Contracts or Grants tab at the upper left and start searching.

[Read More](#)

New Data Released on FedSpending.org

On July 29, FedSpending.org was updated with new federal data, which provides site users with full spending data for federal contracts through the first two quarters of FY 2008 and federal assistance data for the first three quarters of FY 2007. This update also made minor site improvements, including added advanced search functionality and bugs fixes. The FedSpending.org database now contains over \$18.7 trillion in federal spending dating back to FY 2000.

[Read More](#)

Federal Government Launches USA Spending.gov

The Federal government has launched [USA Spending.gov](#), a website mandated by the Federal Funding, Accountability, and Transparency Act of 2006. The website is based on the software that runs FedSpending.org. OMB Watch intends to continue to operate and upgrade FedSpending.org, adding new features and data to provide a more powerful accountability tool for citizens.

[Read More](#)

Summary of Federal Spending: Financial Assistance and Procurement (in billions of dollars)




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USAspending.gov was last updated on **February 12, 2009**.

Contracts data is up-to-date as of **January 20, 2009** for all 24 CFO Act agencies.

Assistance (Grants/Other & Loans) data is up-to-date as of **January 27, 2009** for 18 of 24 CFO Act agencies. Updates are currently pending for the following agencies: DHS, DOS, HHS, NRC, TREAS and VA.

For more details, please [click here](#)

Welcome to USASpending.gov - Where Americans Can See Where Their Money Goes

Have you ever wanted to find more information on government spending? Have you ever wondered where federal contracting dollars and grant awards go? Or perhaps you would just like to know, as a citizen, what the government is really doing with your money. The Federal Funding Accountability and Transparency Act of 2006 (Transparency Act) requires a single searchable website, accessible by the public for free that includes for each Federal award:

1. The name of the entity receiving the award;
2. The amount of the award;
3. Information on the award including transaction type, funding agency, etc;
4. The location of the entity receiving the award;
5. A unique identifier of the entity receiving the award.

Welcome to www.USASpending.gov, a relaunch of www.FederalSpending.gov, that provides citizens with easy access to government contract, grant and other award data.

To begin searching, select either the [Assistance](#) or [Contracts](#) tab at the top left side of this page. You can easily switch back and forth as you search.

The table below provides a summary of the federal spending information available on USASpending.gov. For an overview of the data available on this website, please see the [Data Quality](#) tab at the top of this page.

Contracts and Other Spending in Billions of Dollars¹

	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 ² (partial year)
Contracts	\$208.314	\$219.231	\$258.980	\$297.828	\$343.227	\$385.148	\$423.435	\$456.979	\$517.898	\$20.974
Grants	\$294.511	\$330.738	\$406.157	\$493.287	\$449.619	\$441.028	\$489.046	\$383.545	\$104.853	\$12.415
Loans ²	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$0.410	\$0.468	\$0.028
Insurance	\$431.320	\$492.207	\$556.586	\$567.211	\$603.890	\$653.229	\$771.275	\$2.196	\$4.406	\$0.420
Direct Payments (e.g. Social Security)	\$768.254	\$839.649	\$841.514	\$947.943	\$965.484	\$1,004.073	\$1,092.675	\$10.302	\$41.970	\$11.734
Other	\$2.816	\$2.675	\$0.233	\$0.691	\$0.412	\$0.391	\$3.990	\$58.676	\$339.170	\$14.580



Apps for Democracy

An Innovation Contest

for the



Apps for Democracy Medal Winners

Comments

2008

November **13th**

After 30 days and 47 application submissions [DC's OCTO](#) and [iStrategyLabs](#) is proud to announce the following Apps for Democracy Medal Winners. Voting for the two people's choice awards is open until 7pm Friday 11/14.

Indie Gold:

<http://www.appsfordemocracy.org/iliveat/>

Agency Gold:

<http://www.appsfordemocracy.org/dc-historic-tours/>

Indie Silver:

<http://www.appsfordemocracy.org/park-it-dc/>

<http://www.appsfordemocracy.org/wheres-my-money-dc/>

<http://www.appsfordemocracy.org/dc-crime-finder/>

Agency Silver:

<http://www.appsfordemocracy.org/stumble-safely/>

<http://www.appsfordemocracy.org/dc-location-aware-realtime-alerts/>

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Tag your posts, pics, tweets and vids with #APPS08

Feb 24th

9:33am @febrero no. they're collaborators of mine and i'm judging that contest. Also, everyone should copy #appso8 :)



8:51am Writing the proposal for Apps for Democracy Round 2. #appso8 #appso9 www.appsfordemocracy.org

Feb 23rd

11:59am so cool ! RT @feadog: @mleis Have you seen Apps for Democracy? Lots o' widgets there: <http://www.appsfordemocracy.org/>



11:53am @mleis Have you seen Apps for Democracy? Lots o' widgets there: <http://www.appsfordemocracy.org/>



Sunlight LABS

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850 px

Apps for AMERICA 2

the data.gov challenge

220 px

CONTEST

What it Is

Apps for America is a special contest we're putting on this year to celebrate the release of [Data.gov!](#) We're doing it alongside [Google](#), [O'Reilly Media](#), and [TechWeb](#) and the winners will be announced at the [Gov 2.0 Expo Showcase](#) in Washington, DC at the end of the Summer.

Why we're doing it

Just as the federal government begins to provide data in Web developer-friendly formats, we're organizing Apps for America 2: The Data.gov Challenge to demonstrate that when government makes data available, it makes itself more accountable and creates more trust and opportunity in

RECENTLY SUBMITTED APPS

FBI Fugitive Concentration

Play Concentration with photos of FBI Fugitives
Submitted May 22, 2009 by Bertrand Fan

[See all submitted apps](#)

http://www.everyblock.com/ apps for democracy

EveryBlock — A news feed ...

EveryBlock A news feed for your block

EveryBlock is a new way to keep track of what's happening on your block, in your neighborhood and all over your city.

Choose a city...

Boston
Charlotte
Chicago
Los Angeles
Miami
New York
Philadelphia
San Francisco
San Jose
Seattle
Washington, DC

Don't see your city?

EveryBlock Chicago

Browse: Public records Articles

1050 – 1098 bl
Nearby: Lake View

Latest news near 1050-1098

Timeline Overview

Show news within: 1 block 3 blocks

NEW ON EVERYBLOCK JANUARY 10

2 real estate listings

3258 N Racine Ave Listed on December 19, 2008

3920 N Sheridan Rd Listed on January 9, 2009

EveryBlock New York City

Browse: Public records Articles More Explore: Neighborhoods Find: Address, ZIP or neighborhood

Restaurant inspections

Restaurant inspections conducted recently by the New York City Department of Health and Mental Hygiene.

Welcome to EveryBlock's New York restaurant inspection section. Here, you can explore restaurant inspections in New York in various ways. Use "Search near an address" to find restaurant inspections near any specific block or neighborhood, and use the powerful custom filter to create your own reports according to various criteria.

About this section

Source: New York City Department of Health and Mental Hygiene
Updated: Daily

More about this section...

Dec. 13, 2008 – Jan. 12, 2009

2,573 restaurant inspections

Peak of this chart: 185 restaurant inspections

By borough

Borough	Count	Percentage
Manhattan	1,130	44%
Brooklyn	477	19%
Queens	254	10%
The Bronx	190	7%
Staten Island	80	3%

By community board

Community Board	Count	Percentage
Manhattan CB 5	335	13%
Manhattan CB 6	144	6%
Manhattan CB 2	130	5%
Manhattan CB 3	109	4%
Manhattan CB 4	97	4%
Manhattan CB 8	93	4%



Find news near you

Enter an address and see nearby crimes, restaurant inspections, media coverage and more.



Browse news by topic

Get a citywide overview of news by category, then click on topics to find what you're looking for.



Explore your city

Choose a neighborhood or ZIP code and see what's happening nearby or track trends over time.

http://www.govloop.com/ RSS Google

op - Social Network ... Tim O'Reilly Search

govloop

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Welcome!

GovLoop is the premier social network connecting the government community.

[Join today](#) if you are:

- * gov't employee (fed/state/local/retired)
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- * good gov't organization
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- [Delicious - GovLoop Tag](#)
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Photos



Welcome to GovLoop - Social Network for Government, Tim O'Reilly!

Here are a few things you can do right now...



[Invite friends](#)



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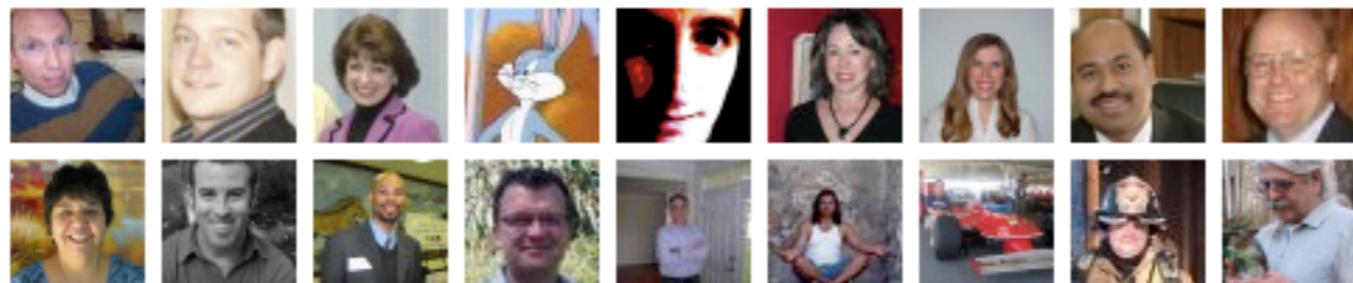


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[The Mask: How much of yourself do you show at the office?](#)

Posted by [GeekChick](#) on February 19, 2009 at 1:00am

[No government is an island](#)

Tim O'Reilly

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Member of the Week

Kitty Wooley, Dep't of Ed



5. Lower the Barriers to Experimentation

Gene Kranz: Failure is not an option



But for most projects this is not the case!

“I didn’t fail ten thousand times. I successfully eliminated, ten thousand times, materials and combinations which wouldn’t work.”

Thomas Edison



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How to Build a Lean Startup, step-by-step

Date: This event took place live on May 01 2009

Presented by: [Eric Ries](#)

Duration: Approximately 60 minutes.

Cost: Free

O'Reilly Webcast: How to Build a Lean Startup, ...



Continuous Deployment

- Deploy new software quickly
 - At IMVU time from check-in to production = 20 minutes
- Tell a good change from a bad change (quickly)
- Revert a bad change quickly
- Work in small batches
 - At IMVU, a large batch = 3 days worth of work
- Break large projects down into small batches



Eric's Master Class



Ries
MASTER CLASS

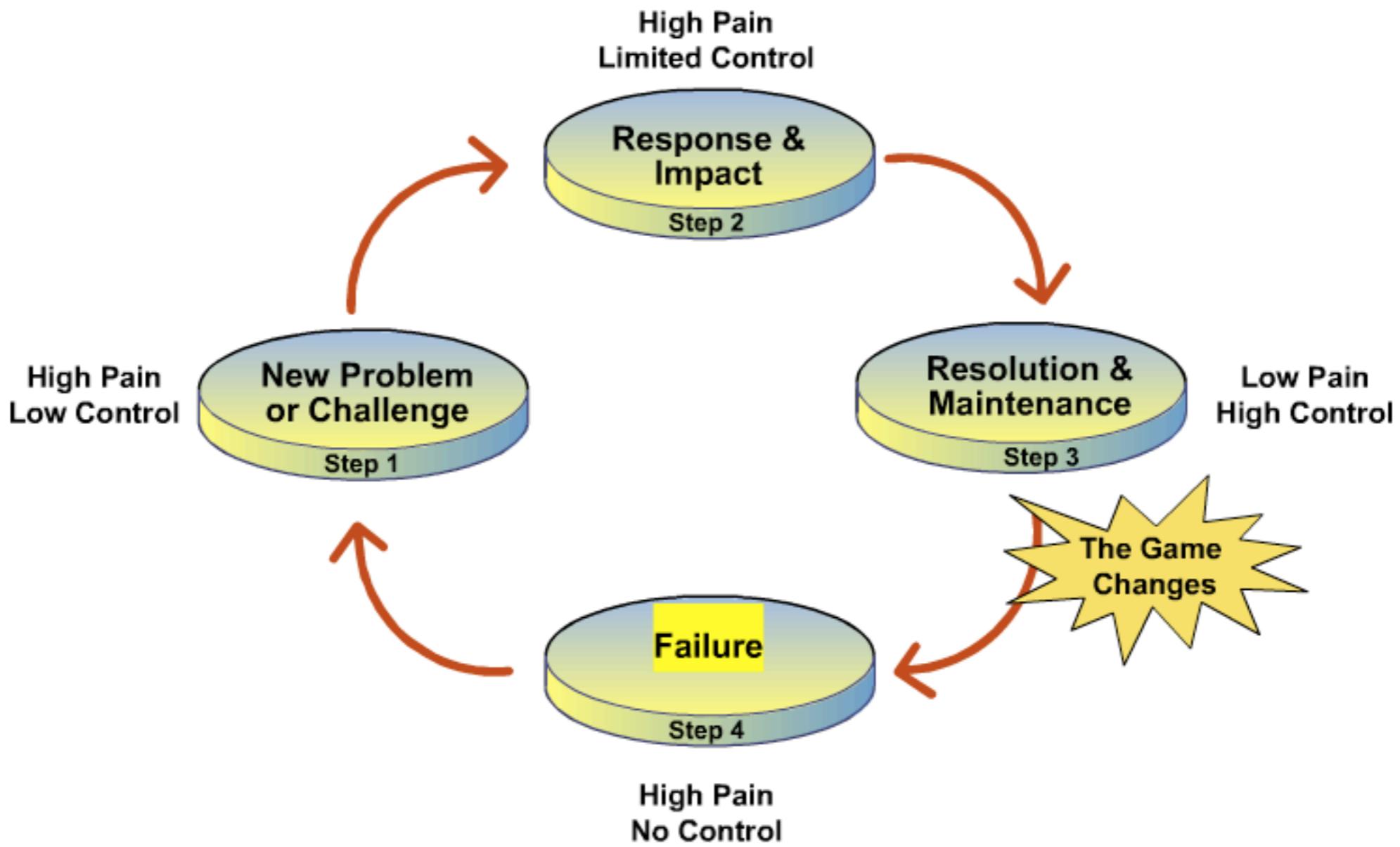
The Lean Startup

Learn how to construct a lean startup that focuses on customers, markets, and speed of

iteration. Through case studies, exercises, and discussions, instructor Eric Ries guides entrepreneurs of all stripes through the key areas of startup success: product, engineering, QA, marketing, and business strategy. You'll emerge with a clear plan to bring lean-startup thinking back to your company.

**Multiple Events:
San Francisco, CA**

Breaking the Failure Cycle



Frank DiGiammarino: <http://www.scribd.com/doc/12699091/Breaking-the-Failure-Cycle>

Your Search: I have a dream

NYT Archive 1851-1980

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'I Have a Dream ...'; Peroration by Dr. King Sums ... – View Article – The New York Times

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1. [\\$ Dr. King's Wi](#)

WASHINGTON, April 6, 1976 - Article

2. [\\$ 'I Have a Dre](#)

WASHINGTON, August 29, 1963 - Article

3. [\\$ Theater: 'Twil](#)

I ATE TOO MUCH,' April 19, 1978 - By R

4. [\\$ KING FIGHTS](#)

Companies Name The Rev. Dr. Martin October 5, 1963 - A

5. [\\$ THE DEATH](#)

We have one last h

'I Have a Dream ...'

Peroration by Dr. King Sums Up A Day the Capital Will Remember

By JAMES RESTON

Special to The New York Times

WASHINGTON, Aug. 28.—American reformers. Abraham Lincoln, who presided Williams calling for rel in his stone temple today above liberty, Sam Adams callir the children of the slaves he political liberty, old man

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Washington Post

Peter Harkins, a Senior Engineer at The Washington Post, heard the news spread through the editorial department as the National Archives announced the release of Hillary Clinton's official White House schedule. The data was going to be released to the public on March 19th at 10am. 17,481 pages of data as a non-searchable PDF.

washingtonpost.com

The documents included Hillary Clinton's daily activities as a First Lady during President Bill Clinton's two terms in office, from 1993-2001 that were being made public under the Freedom of Information Act after multiple requests from journalists and watchdog organizations.

Harkins knew that reporters would be very interested in this data but it would take hundreds of man hours to pore through the document's low-quality PDF files. So, about 45 minutes after the release, Harkins started working with the data, trying to find a way to convert the images into usable, searchable text and deliver them to the newsroom within the same news cycle.

Harkins first tested various PDF and Optical Character Recognition (OCR) tools to convert the images into machine-readable text. With these software tools, he estimated that it would take about 30 minutes per page to process the sizable document including reformatting, resizing, and scanning each page.

Working against time, Harkins moved the project to the cloud—Amazon Elastic Compute Cloud (Amazon EC2). With Amazon EC2, he launched 200 server instances to process the images to his specifications. With a processing speed of approximately 60 seconds per page, the project was completed within nine hours and sent to the eager writers who began searching against the data. Then, Harkins and team created a polished web interface and made their searchable database available to the public 26 hours later.

Harkins ruminates, "EC2 made it possible for this project to happen at the speed of breaking news. I used 1,407 hours of virtual machine time for a final expense of \$144.62. We consider it a successful proof of concept."

6. Build a culture of measurement

- If it works, do more of it.
- If it doesn't, stop doing it.
- Build systems that respond automatically to user stimuli.



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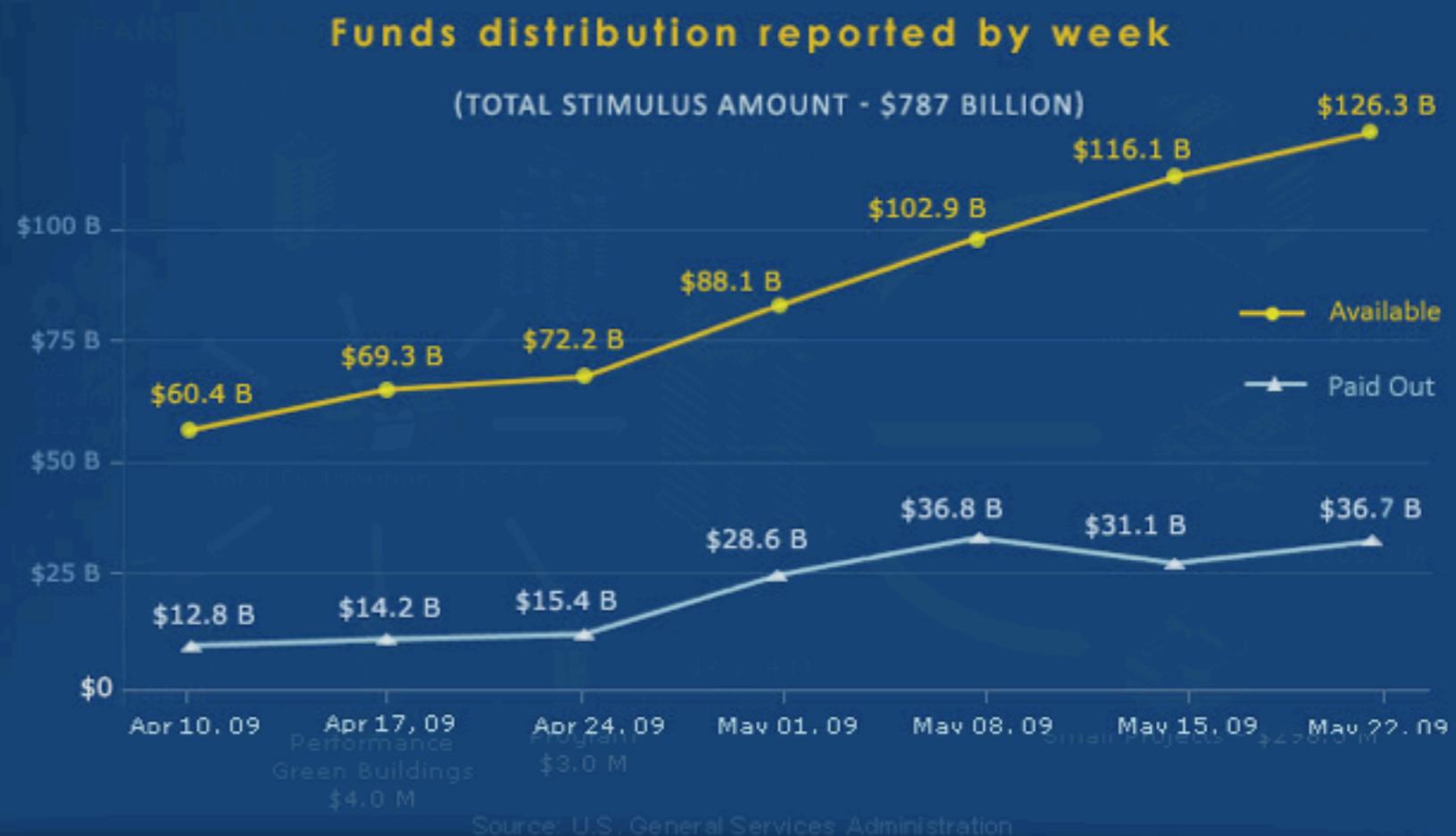
SEARCH

BUILDING THE RECOVERY

The General Services Administration will spend \$5.55 Billion on over 250 construction projects in all 50 states, the District of Columbia, and two U.S. territories. The projects will support the President's vision for a clean energy future, create jobs, and reinvest in our public buildings.

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1 2 3 4 5



Featured News

Wednesday, May 27, 2009

[\\$672 Million in Recovery Funds Now Available for Washington to Save Jobs and Drive Education Reform](#)

Friday, May 22, 2009

[\\$806 Million in Recovery Funds Now Available for Virginia to Save Teaching Jobs and Drive Education Reform](#)

Friday, May 22, 2009

[More than \\$1 Billion in Recovery Funds Now Available for North Carolina to Save Teaching](#)

What's New at Recovery.gov

Read Agency Reports

The Reports and associated Program Plans outlining the distribution of Recovery Funds can now be read and downloaded.

Click below for more information from the Reports.

Agency for International Development Go

To explore the Objectives, Public Benefits, Types of Programs, and Measures of Performance, click below.

Accountability and Transparency

This is your money. You have a right to know where it's going and how it's being spent. Learn what steps we're taking to conduct oversight of funds distributed under this law in order to prevent fraud, waste and abuse.

Fraud, Waste and Abuse

Large amounts of cash can attract fraud. Learn how to report any suspected waste

Two pizza teams

2007 FEBRUARY 20

by Tom Scott

tags: Amazon, FOWA2007

I'm at the [Future of Web Apps Conference, London](#) this week – there are some really interesting presentation, which I will post about over the next little while but to kick things off I wanted to talk a bit about Amazon's 'two pizza team' philosophy.



[Werner Vogels](#), Amazon's CTO presented a paper on "*Why and How Its Easier Than Ever Before To Build A Web Business and Compete With Anyone*" – in which Werner discussed Amazon's Web Services **S3** (Simple Storage Service) and **EC2** (Elastic Compute Cloud) – and how they can be leveraged by third parties (such as [Smugmug](#), [Second Life](#) and [YouOS.com](#)) to build web apps at significantly reduced costs. The services look fantastic, I'll write about them in more detail another time, but for now I want to discuss something that Werner mentioned in passing, in response to a question: *Do Amazon developers use the Web Services?*

It appears that they do. The Amazon development teams use the Web Services (such as S3 and EC2)

ABOUT ME

My name is Tom Scott and this is my personal blog. I work for the BBC, although these are my thoughts and observations not theirs. I'm interested in how to make the web more human literate, linking data the webby way.

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type and press enter

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AdWords

From Wikipedia, the free encyclopedia

AdWords is Google's flagship advertising product and main source of revenue (\$21 billion in 2008)^[1]. AdWords offers pay-per-click (PPC) advertising, and site-targeted advertising for both text and banner ads. The AdWords program includes local, national, and international distribution. Google's text advertisements are short, consisting of one title line and two content text lines. Image ads can be one of several different Interactive Advertising Bureau (IAB) standard sizes.

Google's AdWords division is based in Ann Arbor, Michigan^[2], the company's third-largest facility behind its Mountain View, California, headquarters and New York City office.^[3]

Contents [hide]

- 1 Pay-Per-Click advertisements (PPC)
- 2 Placement targeted advertisements (formerly Site-Targeted Advertisements)
- 3 AdWords distribution
- 4 AdWords account management
- 5 Click-to-Call
- 6 History
- 7 Legal context
- 8 Technology
- 9 Policy and restrictions
- 10 Allowed keywords
- 11 See also
- 12 References
- 13 External links

Pay-Per-Click advertisements (PPC)

[edit]

Advertisers specify the words that should trigger their ads and the maximum amount they are willing to pay per click. When a user searches Google's search engine on www.google.com or the relevant local/national google server (e.g. www.google.fr for France), ads (also known as creatives by Google) for relevant words are shown as "sponsored links" on the right side of the screen, and sometimes above the main search results.

The ordering of the paid-for listings depends on other advertisers' bids (PPC) and the "quality score" of all ads shown for a given search. The quality score is calculated by historical click-through rates, relevance of an advertiser's ad text and keywords, an advertiser's account history, and other relevance factors as determined by Google. The quality score is also used by Google to set the minimum bids for an advertiser's keywords^[1]. The minimum bid takes into consideration the quality of the landing page as well, which includes the relevancy and originality of

7.Celebrate Your Developers



#gplat #gov20

O'REILLY®

Remember: It's no longer just about web sites! Think web/data services

Twitter Clients

All | 10-100 friends | 100-1000 friends | 1000+ friends | Chum (new!)

Twitter Clients, May 30, 2009

Shows Twitter client usage for all accounts tracked by @twitstat.

Rank	Client	% of users	Tweets/user
1	(1) web	24.07 %	5.52
2	(2) TweetDeck	9.56 %	6.10
3	(3) Tweetie	8.72 %	4.23
4	(4) twitterfeed	6.12 %	6.05
5	(6) txt	3.24 %	2.88
6	(5) twirl	2.79 %	6.10
7	(7) TwitterFon	2.65 %	3.32
8	(9) TwitPic	2.24 %	2.38
9	(14) Twitterrific	2.24 %	2.84
10	(13) mobile web	2.12 %	3.07
11	(11) Mobypicture	2.05 %	2.70
12	(8) Ping.fm	2.05 %	2.78
13	(15) TwitterBerry	1.86 %	2.69
14	(12) FriendFeed	1.74 %	7.51
15	(27) Spymaster	1.55 %	3.22
16	(10) TwitterFox	1.45 %	3.46
17	(17) HootSuite	1.36 %	4.81
18	(16) Seesmic Desktop	1.24 %	4.35
19	(20) Brightkite	1.12 %	2.30
20	(22) m.slandr.net	0.98 %	3.34
21	(18) Blip.fm	0.98 %	5.05



More than 4 billion API calls a day to Google web services says @vicgundotra at Google I/O. #io2009

10:26 AM May 27th from twirl

**timoreilly**

Tim O'Reilly

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Fitbit
65% of US adults $BMI > 25$

10,000 steps healthy
18,000 pedestrians sed/yr.

Nike + iPod combo
audio feedback in pace
1MM units in first year.

- ① Create roundtable for moderation to create trust
- ② Development of tools to develop statistics into knowledge.
- ③ "unbox" ...

tri-axial
accelerometer-based
Knows motion +
motion classification
digital signal
3 dimensions
Augmented reality -
(based in Pitt)
target level
beam #3

Edits - 100
weight watch

personalized
fully front
health ser
vices

Brandt Curious
Strayform
A bit like Sxw

Tour 016
participant # 1002

Identity also very important.
future of internet is personalization
- but need to give private data.

Open source Bloomberg - long term
project.

Start monetizing people's intimacy
work has been by public.
NYT etc.

Spent a couple of years at SAP
eventually moved to SAP Re
Real world answers/intent
trips.

Left SAP 18 mos ago. Worked @
Wendover

Decided to follow passion for next
gen real world awareness.
Started Beamer Day.

Talked to Mark last week.
Saw investment in AT&T.

Trying to build platform
lots of data locked up behind
firewall.

10 people at Surveil
possible
partner to take lead in
"process" platform
Statistics into knowledge.



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Last Sign In: 2 days ago
Subscribers: 172,915
Channel Views: 21,587,167

POLITICIAN

Watch videos of President Obama, as well as clips of grassroots supporters organizing around the President's agenda on the official Organizing for America YouTube channel.

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Current Office: **President**

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President Obama Announces Supreme Court Nominee

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OPEN GOVERNMENT INNOVATIONS GALLERY

The Innovations Gallery celebrates the innovators and innovations who are championing the President's vision of more effective and open government. In the Innovations Gallery, the public can browse examples of new ways in which agencies across the Executive branch are using transparency, participation, and collaboration to achieve their mission.

TRANSPARENCY



Data.gov

Access to Government Data: Discover, Participate, Engage

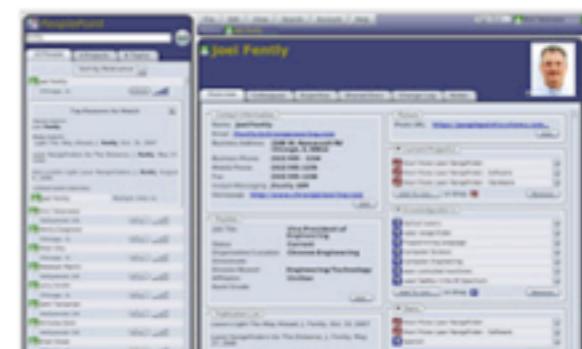
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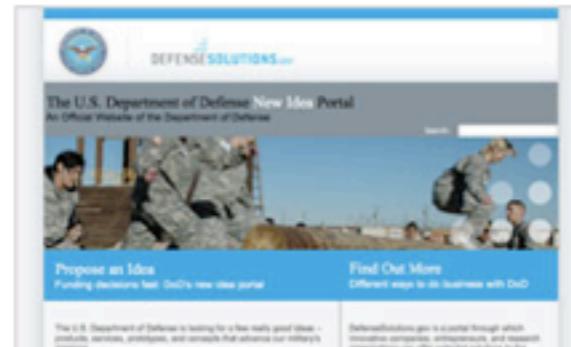
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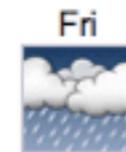
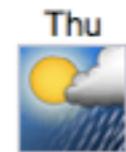
Results 1 - 10 of about 482,000,000 for **weather** [definition]. (0.17 seconds)

Local Weather Forecast

Sponsored Link

www.google.com Get the latest **weather** info on your Google homepage. Free!

Weather for Washington, DC - [Change location](#) - [Add to iGoogle](#)

85°FCurrent: **Mostly Cloudy**

85°F | 61°F 65°F | 56°F 68°F | 56°F 81°F | 63°F

[National and Local Weather Forecast, Hurricane, Radar and Report](#)



Jun 3, 2009 ... The **Weather Channel** and **weather.com** provide a national and local **weather** forecast for cities, as well as **weather** radar, report and hurricane coverage.

www.weather.com/ - 118k - [Cached](#) - [Similar pages](#) -

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Weather Underground provides **weather** information for worldwide locations, including current conditions, hourly forecasts, radar and satellite maps.

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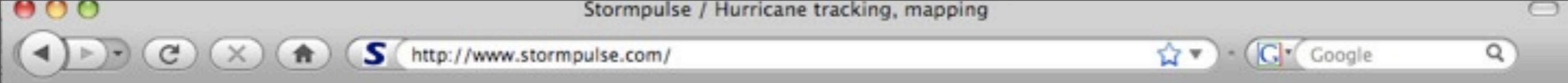


[National Weather Service warns of quarter-sized hail](#) - 16 hours ago

The National **Weather** Service is warning people in the path of a coming massive storm to get indoors. "This is a dangerous storm," the **weather** service said ...

[Salt Lake Tribune](#) - [171 related articles »](#)

[JOURNAL Severe Weather Alert](#) - [Palestine Herald Press](#) - [610 related articles »](#)



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Tue, Sep 16, 2008, 06:14 PM EDT

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No active storms at this time.

No potential storms at this time.

Tropical Weather Outlook



ABNT20 KNHC 161122
NWS Tropical Prediction Center
National Hurricane Center, Miami, FL
800 AM EDT TUE SEP 16 2008

For the North Atlantic, Caribbean Sea and the
Gulf of Mexico:

Tropical cyclone formation is not expected
during the next 48 hours.

forecaster avila

2008 Hurricane Season Tracking Map

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2008 Hurricane Season Summary

Name	Active?
Tropical Storm Josephine	N <input type="checkbox"/>
Hurricane Ike	N <input type="checkbox"/> <input type="checkbox"/>
Hurricane Hanna	N <input type="checkbox"/> <input type="checkbox"/>
Hurricane Gustav	N <input type="checkbox"/> <input type="checkbox"/>
Tropical Storm Fay	N <input type="checkbox"/>
Tropical Storm Edouard	N <input type="checkbox"/>
Hurricane Dolly	N <input type="checkbox"/> <input type="checkbox"/>
Tropical Storm Cristobal	N <input type="checkbox"/>
Hurricane Bertha	N <input type="checkbox"/> <input type="checkbox"/>
Tropical Storm Arthur	N <input type="checkbox"/>

[« 2007 Season -- »](#)

Storm Names for 2008

Arthur, Bertha, Cristobal, Dolly, Edouard, Fay, Gustav, Hanna, Ike, Josephine, Kyle, Laura, Marco, Nana, Omar, Rita, Stan, Wilma

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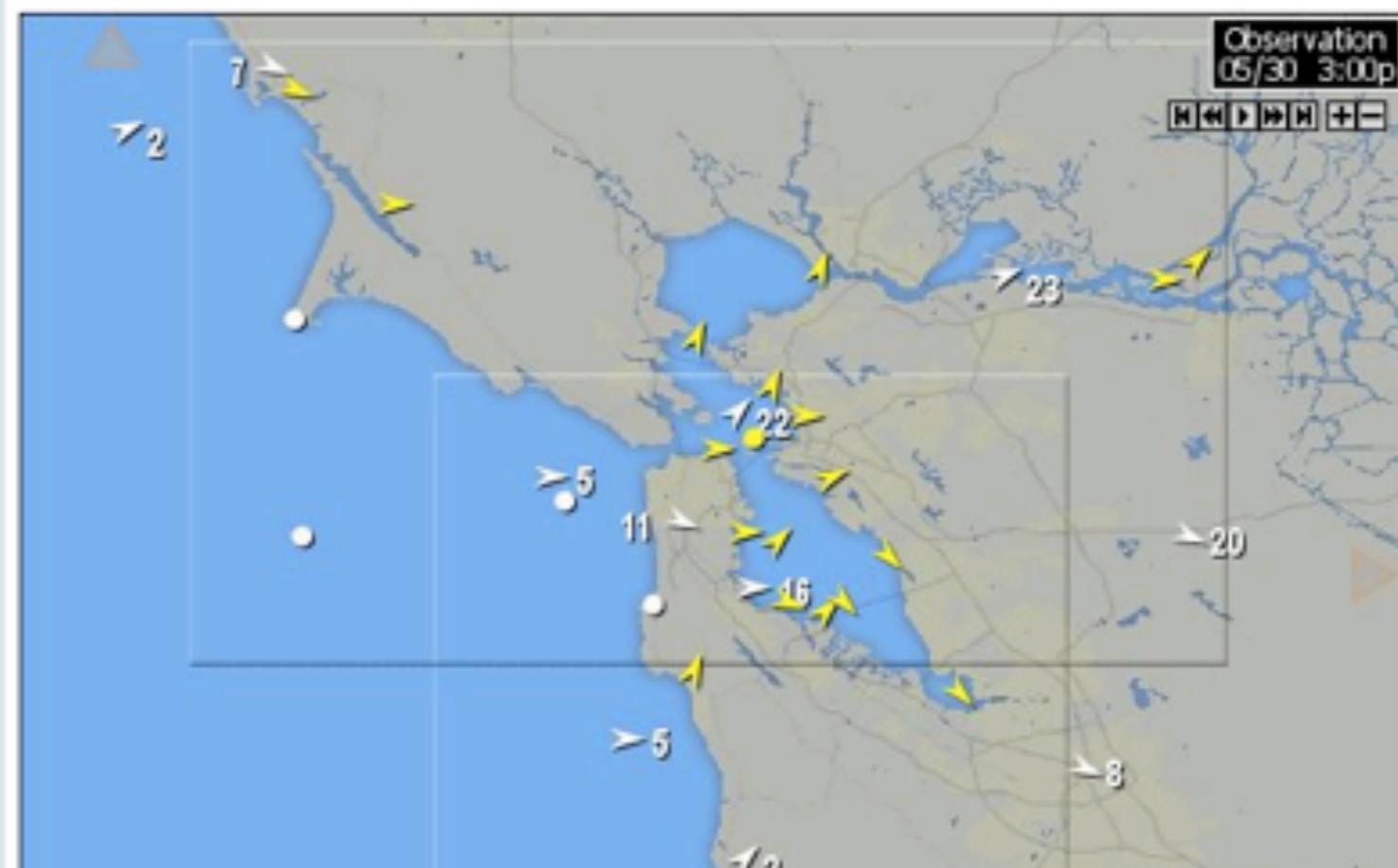
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Microsoft Corporation (MSFT)

3:26pm ET: **21.51** **↑ 0.11 (0.51%)**

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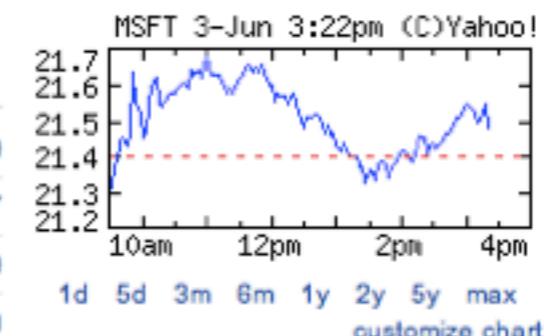
Real-Time: 21.56 0.16 (0.75%) 3:41pm ET

Last Trade:	21.51	Day's Range:	21.29 - 21.69
Trade Time:	3:26pm ET	52wk Range:	14.87 - 29.57
Change:	↑ 0.11 (0.51%)	Volume:	35,122,639
Prev Close:	21.40	Avg Vol (3m):	67,618,500
Open:	21.31	Market Cap:	191.43B
Bid:	21.50 x 21700	P/E (ttm):	12.38
Ask:	21.51 x 19100	EPS (ttm):	1.74
1y Target Est:	24.17	Div & Yield:	0.52 (2.40%)

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Public Data Sets on AWS

Public Data Sets on AWS provides a centralized repository of public data sets that can be seamlessly integrated into AWS cloud-based applications. AWS is hosting the public data sets at no charge for the community, and like all AWS services, users pay only for the compute and storage they use for their own applications.

[Sign Up For Amazon EC2](#)

Previously, large data sets such as the mapping of the Human Genome and the US Census data required hours or days to locate, download, customize, and analyze. Now, anyone can access these data sets from their Amazon Elastic Compute Cloud (Amazon EC2) Instances and start computing on the data within minutes. Users can also leverage the entire AWS ecosystem and easily collaborate with other AWS users. For example, users can produce or use prebuilt server images with tools and applications to analyze the data sets. Users can also discuss best practices and solutions in the dedicated [Public Data Sets forum](#).

By hosting this important and useful data with cost-efficient services such as Amazon EC2, AWS hopes to provide researchers across a variety of disciplines and industries with tools to enable more innovation, more quickly.

This page contains the following categories of information. Click to jump down:

[↓ Available Public Data Sets on AWS](#)[↓ How It Works](#)[↓ How to Share a Public Data Set on AWS](#)

Available Public Data Sets on AWS

AWS will continue to add to the available collection of public domain and non-proprietary data sets over time. The

[Home](#) > [About GPS](#) > [What is GPS?](#)

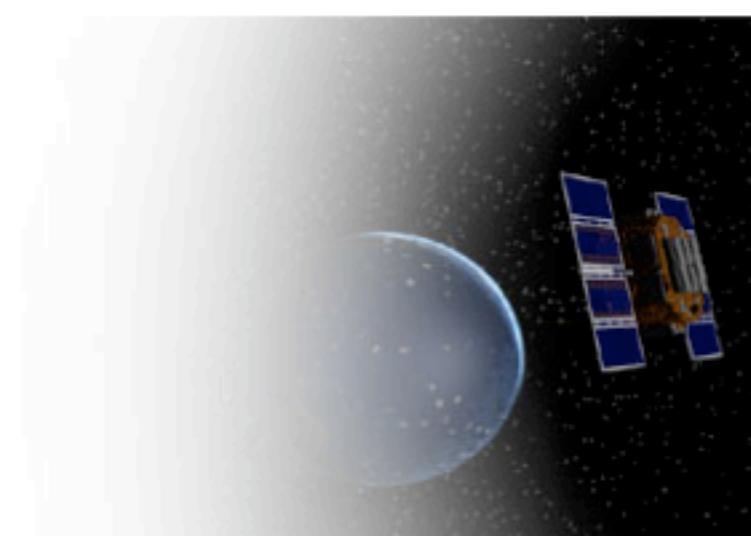
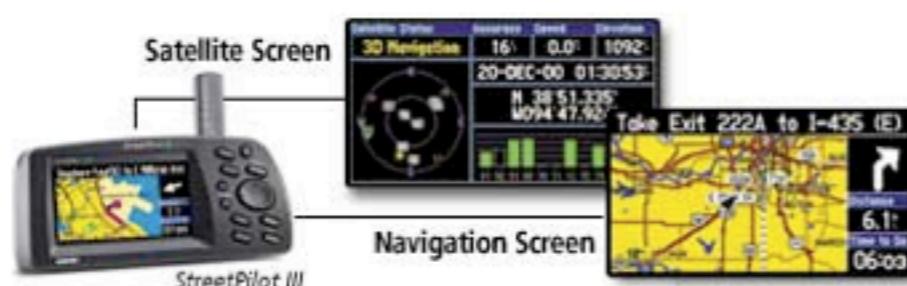
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What is GPS?

The Global Positioning System (GPS) is a satellite-based navigation system made up of a network of 24 satellites placed into orbit by the U.S. Department of Defense. GPS was originally intended for military applications, but in the 1980s, the government made the system available for civilian use. GPS works in any weather conditions, anywhere in the world, 24 hours a day. There are no subscription fees or setup charges to use GPS.

How it works

GPS satellites circle the earth twice a day in a very precise orbit and transmit signal information to earth. GPS receivers take this information and use triangulation to calculate the user's exact location. Essentially, the GPS receiver compares the time a signal was transmitted by a satellite with the time it was received. The time difference tells the GPS receiver how far away the satellite is. Now, with distance measurements from a few more satellites, the receiver can determine the user's position and display it on the unit's electronic map.



A GPS receiver must be locked on to the signal of at least three satellites to calculate a 2D position (latitude and longitude) and track movement. With four or more satellites in view, the receiver can determine the user's 3D position (latitude, longitude and altitude). Once the user's position has been determined, the GPS unit can calculate other information, such as speed, bearing, track, trip distance, distance to destination, sunrise and sunset time and more.

How accurate is GPS?

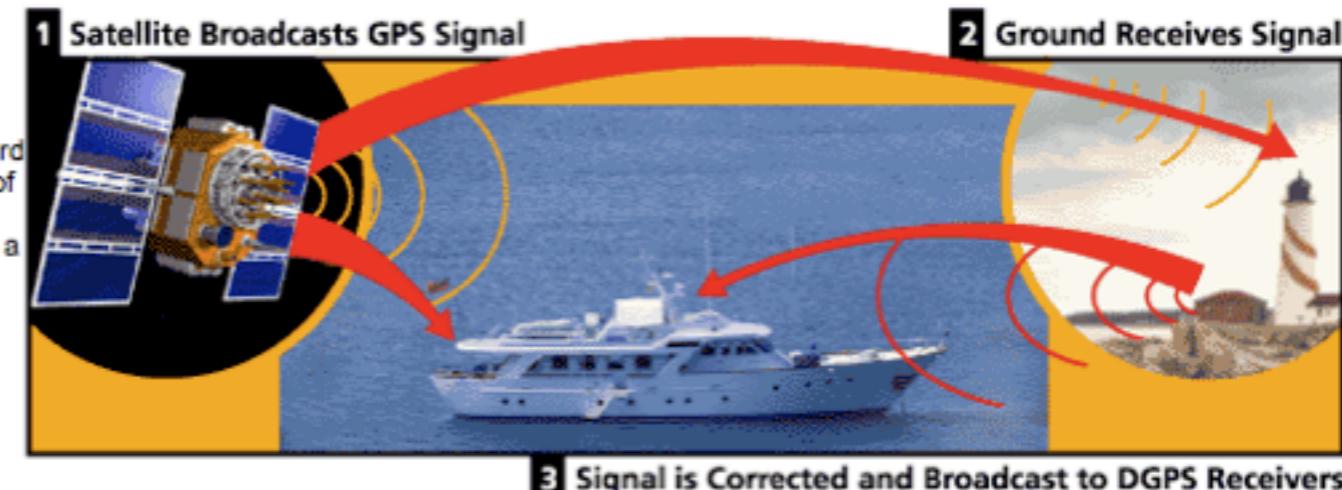
Today's GPS receivers are extremely accurate, thanks to their parallel multi-channel design. Garmin's 12 parallel channel receivers are quick to lock onto satellites when first turned on and they maintain strong locks, even in dense foliage or urban settings with tall buildings. Certain atmospheric factors and other sources of error can affect the accuracy of GPS receivers. Garmin® GPS receivers are accurate to within 15 meters on average.

Newer Garmin GPS receivers with [WAAS](#) (Wide Area Augmentation System) capability can improve accuracy to less than three meters on average. No additional equipment or fees are required to take advantage of WAAS. Users can also get better accuracy with Differential GPS (DGPS), which corrects GPS signals to within an average of three to five meters. The U.S. Coast Guard operates the most common DGPS correction service. This system consists of a network of towers that receive GPS signals and transmit a corrected signal by beacon transmitters. In order to get the corrected signal, users must have a differential beacon receiver and beacon antenna in addition to their GPS.

The GPS satellite system



The 24 satellites that make up the GPS space segment



3 Signal is Corrected and Broadcast to DGPS Receivers



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Government is a vehicle for collective action

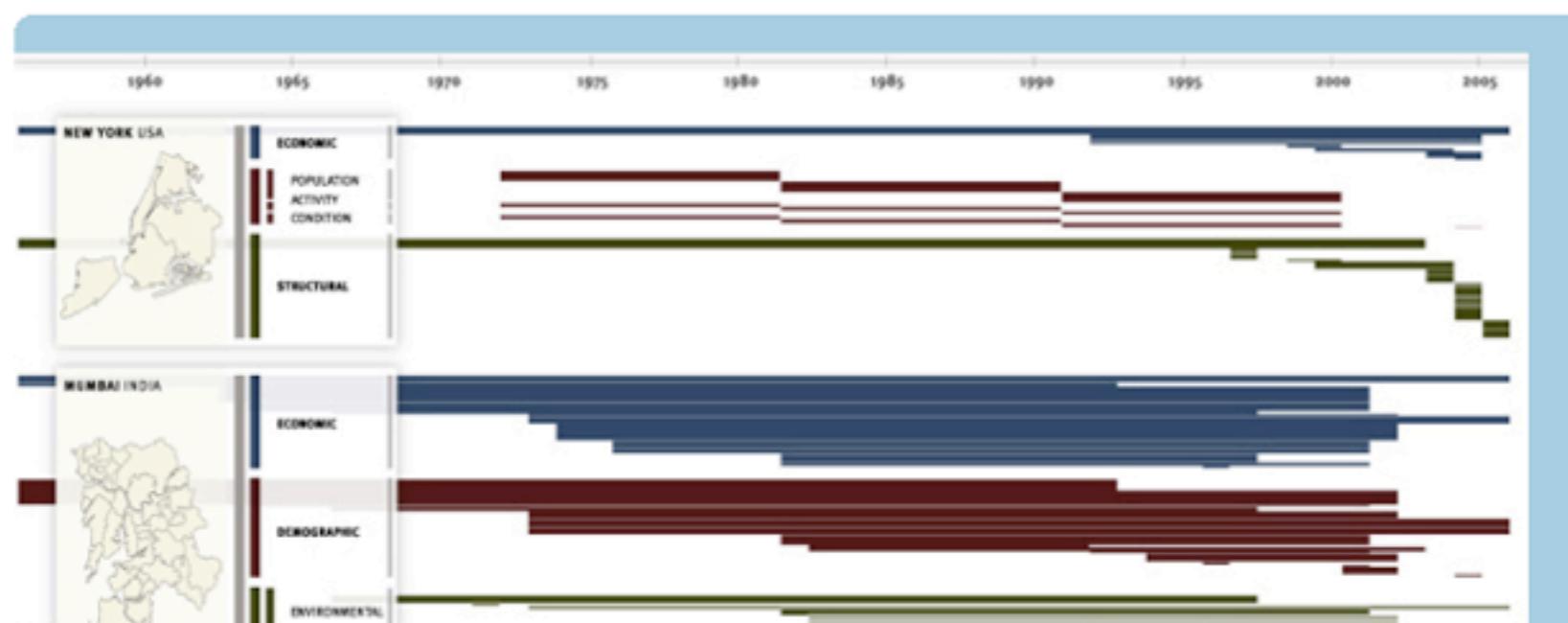
- Frank DiGiammarino, recovery.gov:
 - Convener first, problem solver second
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Ask not what your country can do for you;

Ask what we can do together.

The Collaboration Project is an independent forum of leaders committed to leveraging the interactive web and the benefits of collaborative technology to solve government's complex problems. Powered by the National Academy of Public Administration, this "wikified" space is designed to share ideas, examples and insights on the adoption of Web 2.0 technologies in the field of public governance. [\[LEARN MORE\]](#)

Images courtesy of PIIM



News

[White House Open Government Dialogue Now Open!](#) – National Academy partners with White House to host dialogue on government transparency, participation, and collaboration.

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[NASA Wins Two Webby Awards for Internet Excellence](#) – Agency wins People's Voice award for best government website in contest of 500,000 votes

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Breaking News

Number of people filing ongoing unemployment claims declines for first time since January. First-time filings also fall.

updated 3:44 p.m. EDT, Thu April 9, 2009

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Island DIY: Kauai residents don't wait for state to repair road

STORY HIGHLIGHTS

- Some business owners will be in trouble if park doesn't reopen
 - Park closed after floods destroyed access road, facilities
 - State didn't have money to make repairs, so residents did it themselves
 - Business owner: "Something that took us eight days would have taken them years"

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By Mallory Simon
CNN

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(CNN) — Their livelihood was being threatened, and they were tired of waiting for government help, so business owners and residents on Hawaii's Kauai island pulled together and completed a \$4 million repair job to a state park — for free.



Polihale State Park has been closed since severe flooding destroyed an access road to the park and damaged facilities in December.

The state Department of Land and Natural Resources had estimated that the damage would cost \$4 million to fix, money the agency doesn't have, according to a news release from department Chairwoman Laura Thielen.

"It would not have been open this summer, and it probably wouldn't be open next summer," said Bruce Pleas, a local surfer who helped organize the volunteers. "They said it would probably take



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The Change We Need: DIY on a Civic Scale

by [Tim O'Reilly](#) | @timoreilly | comments: 33

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I've been working a lot lately to imagine what [Government 2.0](#) might look like. One of the most inspiring and thought-provoking stories I've read recently might not look like a Gov 2.0 story, but it is: [Island DIY: Kauai residents don't wait for state to repair road.](#)

Their livelihood was being threatened, and they were tired of waiting for government help, so business owners and residents on Hawaii's Kauai island pulled together and completed a \$4 million repair job to a state park -- for free.

We've gotten used to what [Frank DiGiammarino](#) of the [National Academy of Public Administration](#) recently called "vending machine government" - the idea that we put in our taxes and fees, and get out services: \$28 for a driver's license, \$1 million for a mile of interstate highway, \$1 Trillion for a war or a financial rescue.

In fact, governments, like corporations, are vehicles for collective action. We pay a government, or a business, because it's an efficient way to tackle projects that are larger than a single person or group of friends can take on. But let's not forget that we ourselves are the raw material of collective action.

Traditional communities still remember how to do a barn raising. Those of us who spend our time on the internet celebrate wikipedia, but most of us have forgotten how to do crowdsourcing in the physical world.

The internet provides new vehicles for collective action. A lot of people pay attention when social media is used to organize a protest (as with the recent [twitter-fueled protests in Moldova](#).) But we need to remember that we can organize to do work, as well as to protest!

Especially striking in the story are the cost and time-savings:

"It would not have been open this summer, and it probably wouldn't be open next summer," said Bruce Pleas, a local surfer who helped organize the volunteers. "They said it would probably take two years. And with the way they are cutting funds, we felt like they'd never get the money to fix it."

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