SAN FRANCISCO

Using Innovation to Build The Next Generation of Government

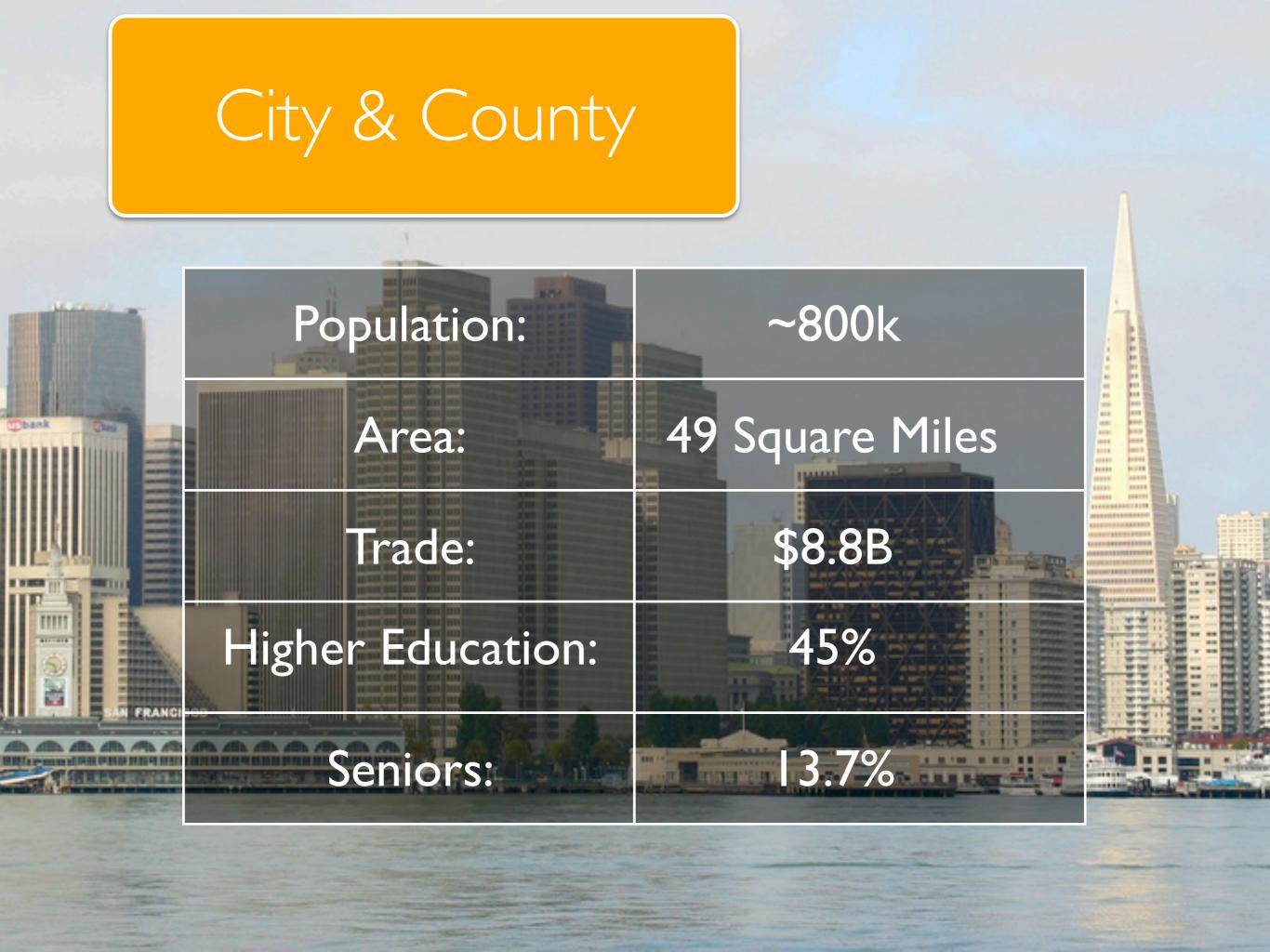
CIO: Chris Vein CTO: Blair Adams



Agenda

- Background
- Drivers
- Ramifications: Personnel, Systems, Policies
- Accountability, Transparency Balance
- OpenSF Program
- Discussion

Background





CIO:	Chris Vein
Governance:	Federated
Total Budget:	\$175-250M
Total Staff:	~750
Central Staff:	250
Central Budget:	\$90M

Technology

Drivers









FER HIMLE P STATISTICS

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New Administration

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		ews/20090121/2009_transparency	
	http://www.gwu.edu/~nsarchiv/news/20090121/2009_transpar		C Qr obama transparency january 21st 2009
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	THE W	HITE HOUSE	
	Office of the	Press Secretary	
	For Immediate Release	Ja	nuary 21, 2009
	Janua	ry 21, 2009	
	MEMORANDUM FOR THE HEADS OF EX	ECUTIVE DEPARTMENT	S AND AGENCIES
	SUBJECT: Transparency and	Open Government	
	My Administration is committee level of openness in Governmen ensure the public trust and en- public participation, and coll strengthen our democracy and p effectiveness in Government.	Presid	ent's Memo

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

Ramifications: Systems



'The Cloud'

an the form



Ramifications: Personnel



Innovation

Succession Plan

To Pri



Ramifications: Policy



Filed 2/5/09

CERTIFIED FOR PUBLICATION

IN THE COURT OF APPEAL OF THE STATE OF CALIFORNIA

SIXTH APPELLATE DISTRICT

COUNTY OF SANTA CLARA et al.

Petitioners,

v.

THE SUPERIOR COURT OF SANTA CLARA COUNTY,

Respondent;

CALIFORNIA FIRST AMENDMENT COALITION,

Real Party in Interest.

No. H031658 (Santa Clara County Super. Ct. No. CV072630)

Legal Precedent

This writ proceeding raises weighty questions of first impression, which illuminate tensions between federal homeland security provisions and our state's open public record

8 Principles for Gov 2.0

• Complete

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

• Primary

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

• Timely

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

Accessible

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

8 Principles for Gov 2.0

Machine Processable

- Data are reasonably structured to allow automated processing.

Non-Discriminatory

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

Non-Proprietary

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

License-Free

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

What is DataSF?

DataSF is a clearinghouse of datasets available from the City & County of San Francisco. Our goal in releasing this site is:

(1) improve access to data

(2) help our community create innovative apps

(3) understand what datasets you'd like to see

(4) get feedback on the quality of our datasets.

looking for a dataset or app that you'd like to see?

<tell us>

Tag cloud



Top Tags

department of public works geography gis layers maps

Terms of Use for DataSF.org

I. INTRODUCTION

As a convenience to potential users, the City and County of San Francisco ("City") makes a variety of datasets ("Data") available for download through this website. Your use of the Data is subject to these terms of use, which constitute a legal agreement between You and the City and County of San Francisco ("City"). This legal agreement is referred to as the "Terms of Use."

II. ACCEPTING THE TERMS OF USE

A. Means of Acceptance In ord the Terms of Use by either: (1 Data or any Derivative Work, ir use of the Data or a Derivative Authority to Accept You repreyou are accepting on behalf of bind your employer or such oth

Policy

III. DEFINITIONS

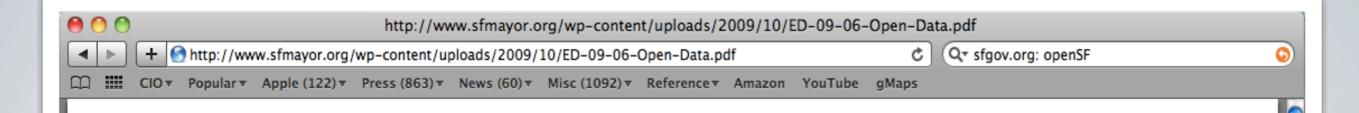
"Data" means any of the data that is available for download through DataSF.gov and includes any updates to that data. "Derivative Work" means a work that is based in any way or to any extent on the Data including without limitation any work that uses any of the Data in a modified form. "You" or "Your" refers to any individual or entity that seeks to use the Data.

IV. CITY'S INTELLECTUAL PROPERTY RIGHTS NOT AFFECTED

If the City claims or seeks to protect any patent, copyright, or other intellectual property rights in any Data, the website will so indicate in the file containing such Data or on the page from which such Data is accessed. These Terms of Use do not grant You any title or right to any patent, copyright, or other such intellectual property rights that the City or others may have in the Data.

V. EXCLUSION OF WARRANTIES

Login



Office of the Mayor City & County of San Francisco



Gavin Newsom

Executive Directive 09-06 Open Data October 21, 2009

By virtue of the power and authority vested in me by Section 3.100 of the San Francisco Charter to provide administration and oversight of all departments and governmental units in the executive branch of the City and County of San Francisco, I do hereby issue this Executive Directive to become effective immediately:

1. Benefits of the Open Data Directive

This Directive will enhance open government, transparency, and accountability by improving access to City data that adheres to privacy and security policies. Data which often resides in

technology systems is unique from structured and can be used by ot mapping. This Directive establish help constituents make better use c in how residents interact with gove The City and County of San Franci by releasing data, a key compor providing government data that ad

Mayor's ED

class technology community is given the platform from which to create useful civic tools all at

Policy References

- National Academy of Public Administration:
 - Enabling Collaboration: Three Priorities for the New Administration (2009)
- National Associate of State Chief Information Officers:
 A Call to Action for State Government: Guidance for Opening the Doors to State Data (2009)
- Federal Chief Information Officer Council:
 - Guidelines for Secure use of Social Media by Federal Departments and Agencies (2009)
- Federal Information Processing Standards:
 FIPS 199 & 200
- O'Reilly Radar : Gov 2.0 Blog
- SirTim Berners-Lee: "<u>Raw Data Now</u>"

OpenSF Program

for the people, by the people, of the people

OpenSF: 3 Pillars

• Open Data

- Promote open access non-private data

• Open Source

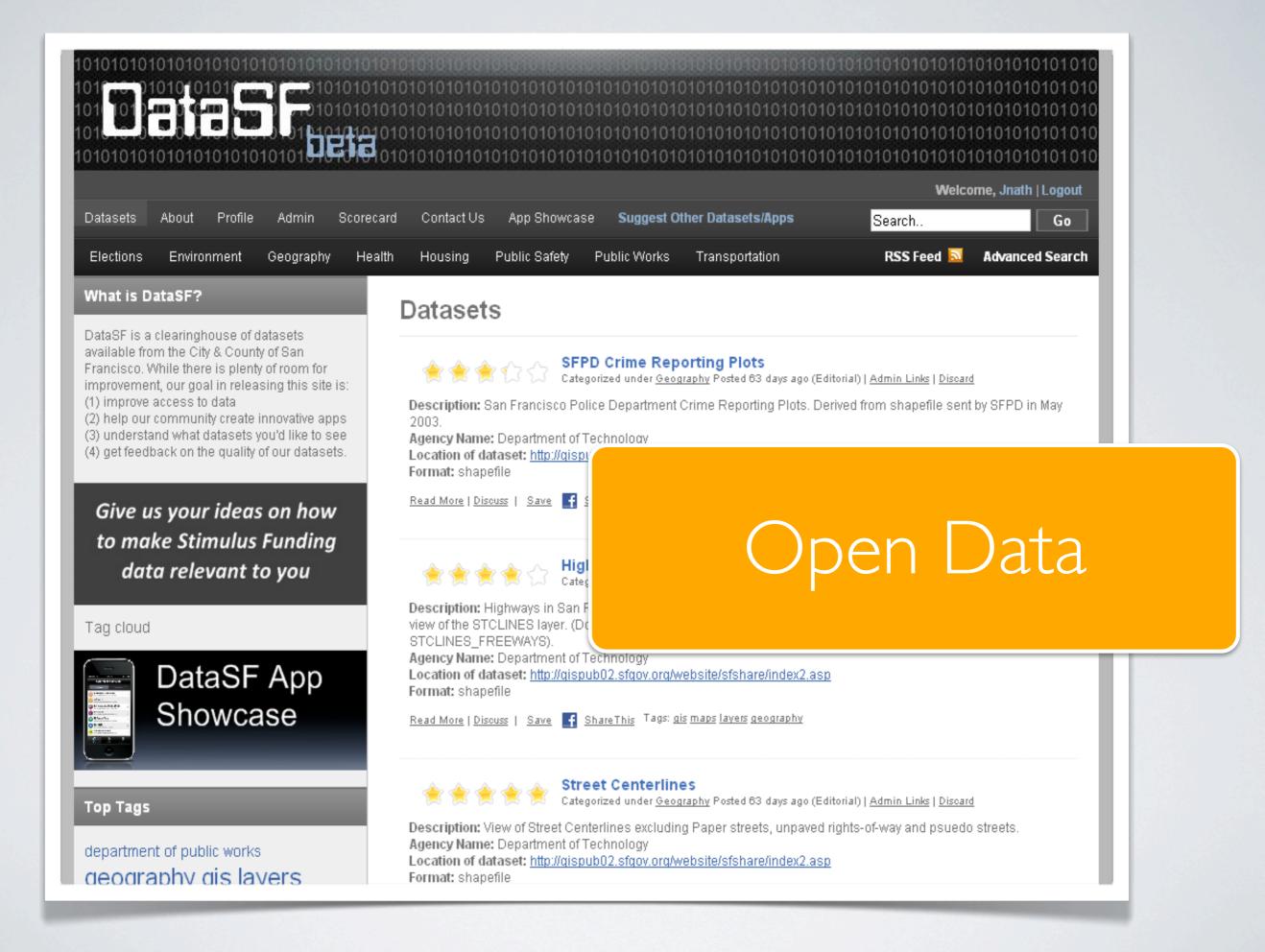
- Adopt General Public License (GPL) whenever feasible

Open Participation

- Leverage technology to encourage constituent engagement
- Encourage entrepreneurship via 'government as platform'

DataSF

data is a national asset

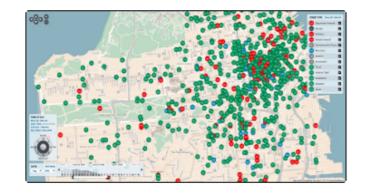




SAN FRANCISCO INNOVATIONS SHOWCASE

The DataSF App Showcase celebrates the innovators and innovations who are championing the Mayor's vision of a more collaborative and open government. The public can browse examples of new ways in which Bay Area constituents are using City data to improve San Francisco. If you have an application using City data not in our showcase, **we would like to hear from you**.

DISCLAIMER: Please note that the applications and links shown below are operated by application providers over which the City exercises no control. The descriptions below have been supplied by the application providers, and the City neither endorses these applications nor warrants that they operate as described.



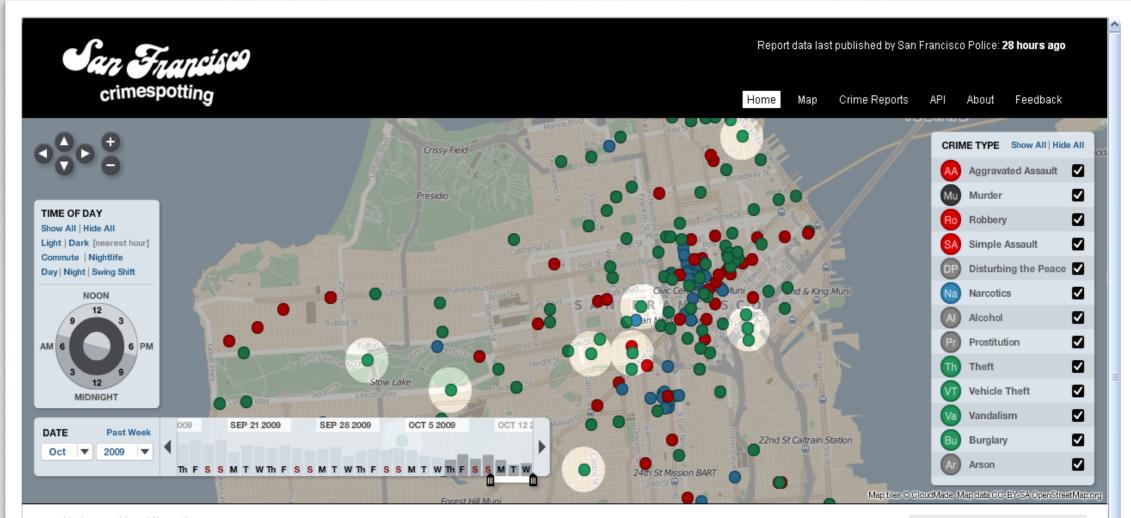
Crimespotting – San Francisco Crimespotting is an interactive map of crimes in San Francisco and a tool for understanding crime in cities.





EveryBlock – EveryBlock publishes a news feed for every city block in San Francisco. Enter your street address, neighborhood or ZIP code, and the site shows you recent nearby mainstream/blog news coverage, police calls, building permits, restaurant inspections and much more — updated throughout the day, every day.

App Showcase



Notice anything different?

We've been working on the interface design, read more about it on the blog.

San Francisco Crimespotting is an interactive map of crimes in San Francisco and a tool for understanding crime in cities.

If you hear sirens in your neighborhood, you should know why. *Crimespotting* makes this possible with interactive maps and <u>RSS feeds</u> of crimes in areas that you care about.

We've found ourselves frustrated by the proprietary systems and long disclaimers that ultimately limit information available to the public. As citizens we have a right to public

Crime Maps

A note about map symbols

The names used here are based on <u>Oakland's</u> categorization of its crime statistics on the <u>CrimeWatch</u> website. We have additionally grouped them into violent crimes (red), property crimes (green), and "quality of life" crimes (blue).

EveryBlock San Francisco

Sign in or register for extra features.

Find: Address, ZIP or neighborhood Q

Calls for service

Q

<u>A</u>2 Recent calls for service made to San Francisco's 311 Customer Service Center.

More info

1,361 14%

1,025 11%

770 8%

757 8%

676 7%

568 6%

556 6%

415 4%

393 4%

0 0%

~

💾 Sept. 18, 2009 – Oct. 18, 2009

Location Search near an address: Within: 8 blocks 🔽 Or choose a location: Neighborhoods... ZIP codes... **Request date** 9/1/2009 - 10/21/2009 9

Filter this data

Re	qu	e	sti	tv	pe

Street and sidewalk cleaning Graffiti complaint — public property Graffiti complaint --- private property Request for city services Tree maintenance or damage Sewer issues Damaged property > See all...

Supervisor district



By neighborhood By ZIP code 94110 Mission 1,394 14% Excelsion 737 8% 94112 Downtown/Q Western Add Bayview South of Mar **311** Statistics Nob Hill Inner Richm Haight Ashb Unknown

By request type

See all neig

Street and sidewalk cleaning	4,503	47%
Graffiti complaint — public property	1,212	13%
Graffiti complaint — private property	1,108	11%
Request for city services	851	9%
Tree maintenance or damage	649	7%
Sewerissues	577	6%
Damaged property	194	2%
See all request times		

By supervisor district

6	1,653 179
3	1,036 110
5	1,013 10 ⁴
11	1,000 10 ⁴
8	962 10 ⁴
10	958 10 ⁴
9	942 10

Reduce • Reuse • Recycle ecofindeRRR >> for iPhone SAN FRANCISCO BAY AREA



Find Out Where To Recycle And Properly Dispose Of Just About Everything!



EcoFinder for iPhone Created in Partnership with:







Application Designed and Produced by Haku Wale. Development by Nextive Solutions. Data courtesy of SF Environment and coded by Techprovider. Mobile Promotion provided by AdMob.

EcoFinder for iPhone contains companies and services located in the San Francisco Bay Area. Interested in creating an application like EcoFinder for iPhone for your region or company? Contact Haku Wale for more information.

iPhone Apps



Contact EcoFinder for iPhone Support

Ecofinder Press

Recycling In San Francisco Made Easy With The iPhone (CleanTechnica Post by Mayor Gavin Newsom)

Haku Wale to Release <u>*EcoFinder" iPhone App To Help</u> San Francisco Residents Recycle and Dispose of Materials



Instant nearby MUNI locations and times for your iPhone and iPhone 3G

.atl Carrier 🗢 12:35 PM 🔳	and Carrier 🗢 12:45 PM 📼 and Carrier 🗢 12:46 PM 📼
Routesy San Francisco	L-Taraval Outbound to S F Zoo Outbound to S F Zoo
F-Market & Wharves >	Nearest Stop Castro Station Outbound 0.1mi
● J-Church >	Castro Station Outbound Arriving in 3, 10, 16, 22 minutes 0.1mi Church St Station Outbound Outbound to S F Zoo Outbound to S F Zoo Outbound to S F Zoo
	Other Stops
() KT-Ingleside/Third Str >	Church St Station Outbound 0.4mi > Van Ness Station OB 1.2mi >
🕕 L-Taraval >	Civic Center Station Outbound 1.5mi > Arriving in 2, 8, 15, 20 minutes
M-Ocean View >	Forest Hill Station Outbound 1.7mi >
N-Judah >	Powell Station Outbound 2.1mi >
S S-Castro Shuttle	West Portal Station 2.3mi >
	West Portal Ave & Ulloa St 2.3mi >
1-California >	Ulloa St & Forest Side Ave 2.4mi >
1AX-California A Express >	15th Ave & Taraval St 2.4mi > Show Stop on Google Maps
1DX Collifornia D European	15th Ave & Ulloa St 2.5mi >

Lifetime upgrades to Routesy San Francisco will always be FREE to all customers.

Get Routesy San Francisco on iTunes!

Latest News

Open Source

adopt general public license whenever feasible





TOP STORY

Mayor Gavin Newsom announces that the City is bringing back the *Get More* incentive program this winter for San Francisco and Bay Area residents. *Shop SF, Get More* is a city-wide program that offers special discounts and promotions exclusively for residents of the nine Bay Area counties through January, 2010.

Read more

Visit the Shop SF, Get More web site.

Mayor Newsom Announces San Francisco's H1N1/Swine Flu Vaccination Plans

WordPress

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- Mayor Newsom Announces Interfaith Winter Schedule Program for 2009-2010 >> read more
- Mayor Newsom Lauds SFPUC Plans for Small Hydroelectric Plant at University Mound Reservoir >> read more
- Mayor Newsom Marks 5th Anniversary of Project Homeless Connect by Announcing 10,000 Homeless Have Left San Francisco's Streets and Shelter System >> read more





To date, the City and County of San Francisco has received ove funding through the American Recovery and Reinvestment Act (

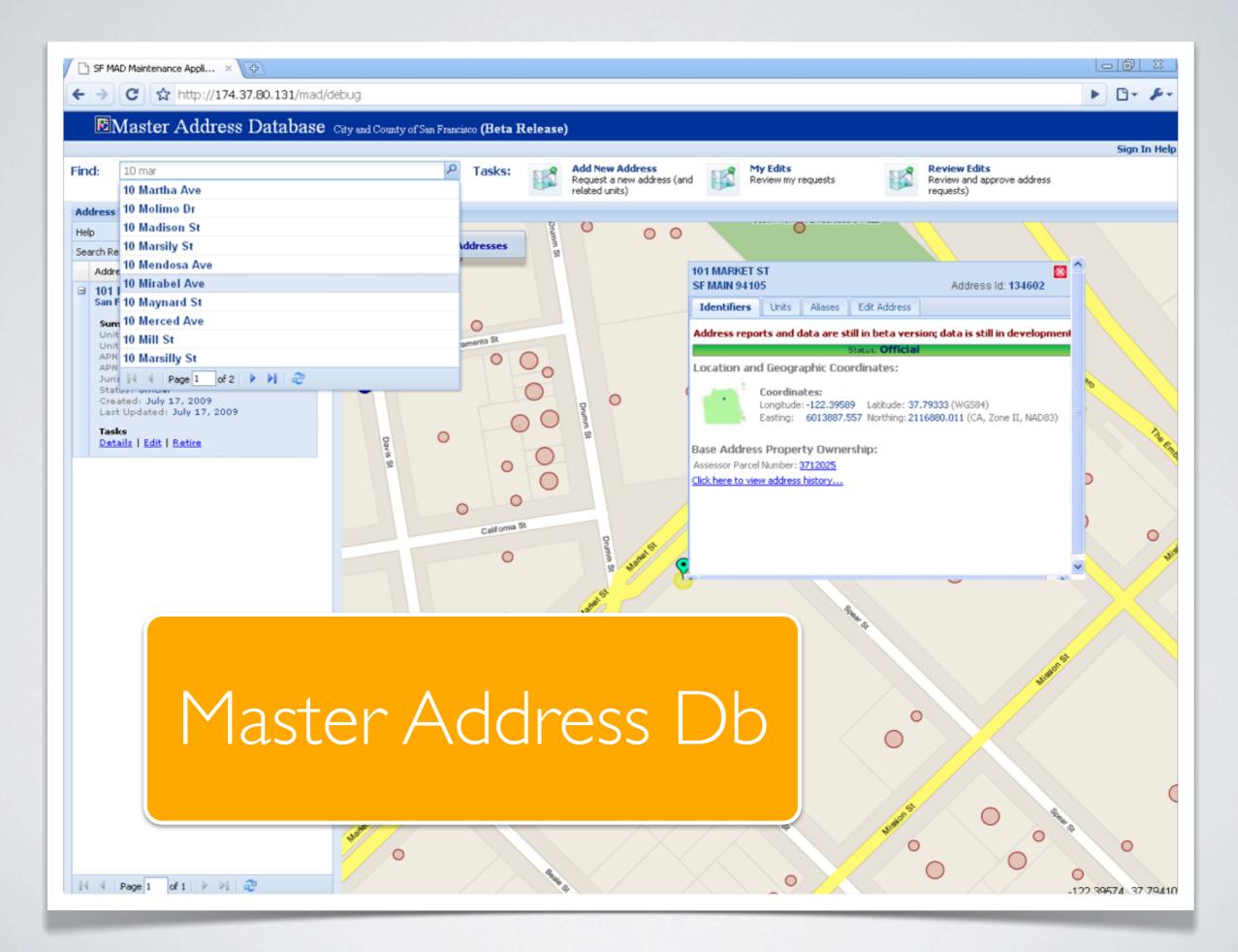
projects funded through the Federal stimulus have resulted in the creation of 422 full time jobs for San Francisco residents. For a list of grants awarded [...]

🚽 ShareThis

Locations of ARRA Spending

transparency, this website will be a clearinghouse of information on all stimulus matters relating to the City and County of San Francisco.

Mayor Newsom Launches Rec..



Open Participation

constituent engagement via 'government as platform'

recoverysf.ord	
Home About Login Register Top-users Tag-cloud Contact-Us	Search Go
Published Ideas Upcoming Ideas Submit a New Idea Archives	
RecoverySF - Online Discussion Home » Published Ideas	<u></u>
Image: SF City Wireless Network similar to NYCWIN Image: SF City Wireless Network similar to NYCWIN Image: State Stat	Submit your ideas!
NYCWiN, powered by IPWireless' 3GPP mobile broadband technology, will atacomm <u>read more</u> »	
 3 Comments ShareThis 3 Comments ShareThis 3 Comments ShareThis 3 Comments ShareThis 4 ShareThis 9 Posted by <u>danish</u> 82 days ago - Average Rating: 5 with Category: <u>Broadband Technology</u> Tags: broadband inf Category: <u>Broadband Technology</u> Tags: broadband inf he city of San Francisco will provide free wireless internet at San Francisco 1 Comment ShareThis 	Ideation
 A A A A A A A A A A A A A A A A A A A	Idea submissions are closed Register Login
Image: Second State State Free Wireless Internet at SFO Image: Posted by danish 82 days ago - Average Rating: 5 with Category: Broadband Technology Tags: broadband in Image: Posted by Category: Broadband Technology Tags: broadband in Image: Posted by Category: Broadband Technology Tags: broadband in Image: Posted by Category: Broadband Technology Tags: broadband in Image: Posted by Category: Broadband Technology Tags: broadband in Image: Posted by Category: Broadband Technology Tags: public satisfies Image: Posted by Category: Broadband Technology Tags: public works public safety grants federal Image: Posted by Category: Broadband Technology Tags: public works public safety grants federal Image: Posted by Category: Broadband Technology Tags: public works public safety grants federal Image: Posted by Category: Broadband Technology Tags: public works public safety grants federal Image: Posted by Category: Broadband Technology Tags: public works public safety grants federal Image: Posted by Category: Broadband Technology Tags: public works public safety grants federal Image: Posted by District works, schools and public safety meet their goals through broadband, they have access the posted by the public works, schools and public safety meet their goals through broadband, they have access the posted by the public works access t	Idea submissions are closed Register Login Login To
Image: Second	to Username: Password: Remember: Login

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	+ http://www.civicdb.org/	RSS C Q- civicdb					
m 🎹	CIO▼ Popular▼ Apple (122)▼ Press (861)▼ News (60)▼ Misc (1090)▼ Reference▼ Amazon	YouTube gMaps					
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What is CivicDB?

About

The goal of our community is to develop a free, open source platform to help improve public access to raw government data in machine readable formats. Imagine getting help on choosing your next home by viewing crime data and school stats on a map. Or seeing restaurant ratings and violations based on your GPS location. All of this takes government data. CivicDB helps government organizations liberate data in multiple open formats like CSV, XML, RESTful web services by providing a full end-to-end solution. CivicDB allows data consumers like journalists and developers the ability to explore, find and download datasets; giving your community what it needs to create applications that make your neighborhood a better place to live.

How do I Participate?

- Join our mailing list 🗗
- Attend our weekly meetings (dial in or in person)
- Read/contribute to our Documentation
- CivicDB source code can be found in the <u>Github repository</u> P
- IRC: #civicdb on irc.freenode.net ₽
- Add an idea to our ideas page

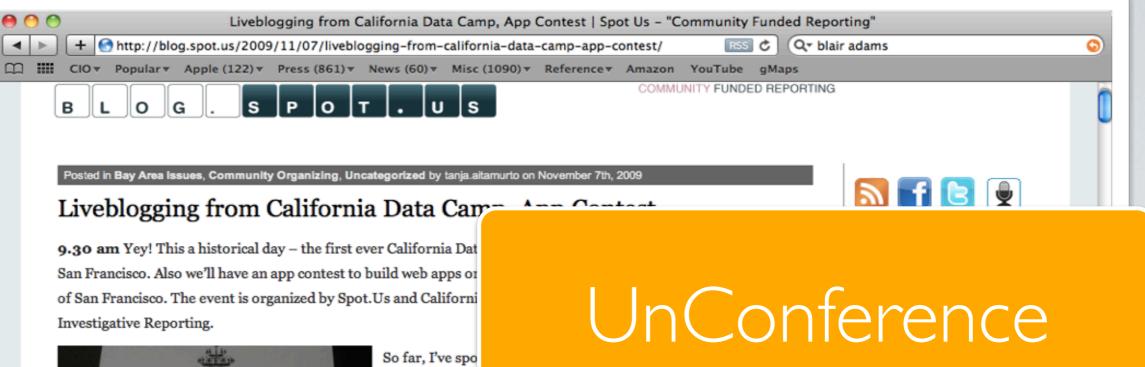
Civic Engagement

How CivicDB Started

Inspired by President Obama's January 21 memo P on transparency, government organizations are looking to fulfill their commitment to openness. The challenge for each is the same: exposing data from thousands of disparate technology systems to a central clearinghouse through machine readable formats. We think that an open and community based approach is likely to produce the best solution in terms of quality, cost and sustainability.

CivicDB Team

The community includes developers from both sides of the coast. We are actively seeking municipalities and developers interested in open government data. Learn more about our community and join our mailing list





So far, I've spo Muni, O'Reilly citizens interes

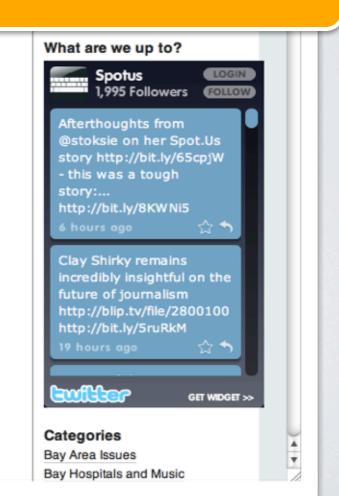
More about this event here: http://spot.us/pitches/272

10:00am: After introductions we are organizing ourselves in groups to discuss topics such as and talk about data, journalism, governance, openness. The hashtag for the event is <u>#CAdata</u>.

Folks involved in the DataSF App contest have gone upstairs to do code in peace. They will join us at the end of the day to present their work and the winners will get a \$500 gift certificate to Apple and an iPod Touch. (Thanks to the sponsors!)

Susan Mernit organizing topics for the Bar Camp with her partner Andrew Hoerner.

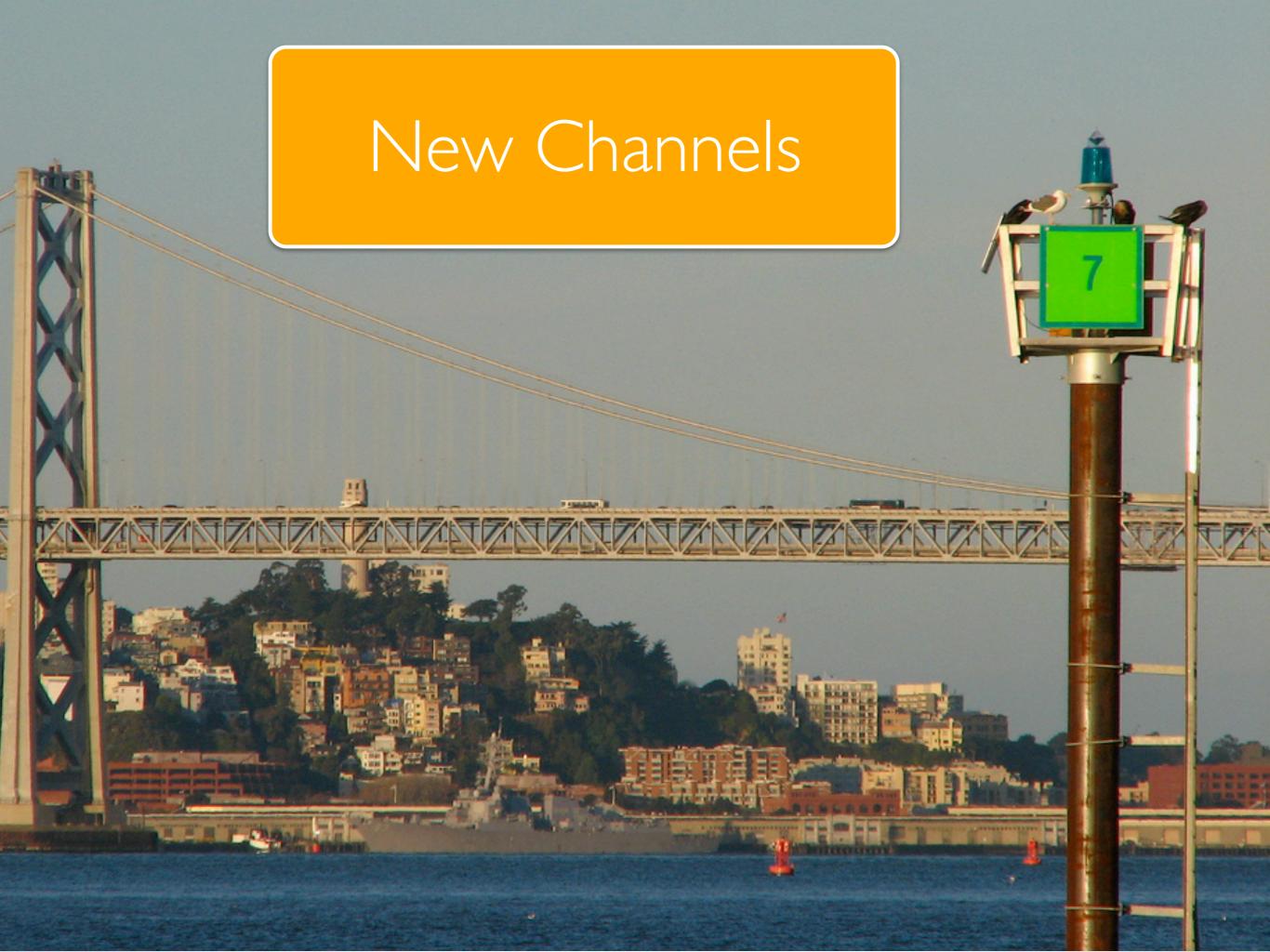




Developed by the civic community



Social Networks

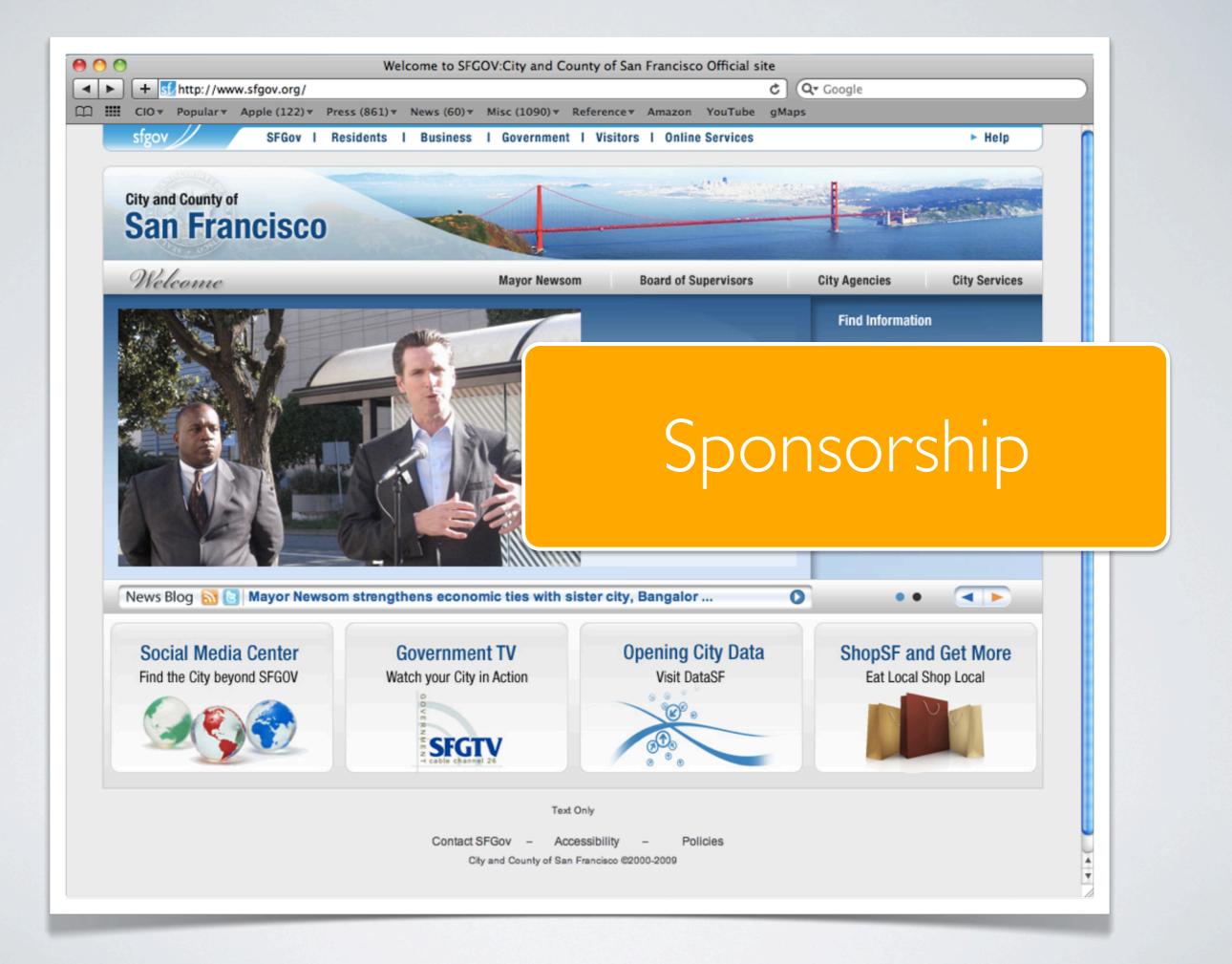






Mobile Gateway

Keep me logged in Forgot your password? facebook Login Email Password City and County of San Francisco is on Facebook Sign Up Sign up for Facebook to connect with City and County of San Francisco. City and County of San Francisco 💴 Wall Photos YouTube Box Discussions >>> Info Events City and County of San France City and County service changes b routes effect your Mashup Tom Noan "San Francisco is a city of F. dreamers and a city of doers - a 9X city of ingenuity, diversity and 21 tolerance that I am proud to lead." Mayor Gavin Newsom. Yesterday at 5:03 Renata, Sascha, Bergy and 28 others like this. Information View all 37 comments Location: 1 Dr. Carlton B. Goodlett Place City and County of San Francisco Mayor Gavin Newsom, First Lady San Francisco, CA, 94102 Jennifer Siebel Newsom, Rita Moreno, Sharon Gless, and the Rainbow World Phone: Fund invite you to a Tree Lighting ceremony tomorrow December 2nd at Calling within San Francisco: 311 5:30 p.m in the Rotunda at San Francisco City Hall. Come share your wish (available 24/7) Calling outside and enjoy the party to follow. Admission is Free! San Francisco (415) 701-2323 Share Your Wish For The World Mon - Fri: 8:00 am - 8:00 pm www.voutube.com visit http://www.rainbowfund.org/tree to have your wish for the world inscribed on an origami crane and placed on the Tree of Hope in San Francisco's City Hall. The Tree lighting ceremony will be Fans December 2nd in the Rotunda. All are welcome, video by Neargood 6 of 261,561 fans See All Films Yesterday at 12:07pm 🖒 Kasmira, Janina, Maria and 70 others like this. Bonus Katarina Honza City and County of San Francisco Justice 2.0? Innovative Tenderloin court



Ci Ci Ci Ci Ci Ci Ci Ci Ci Ci	ity & County of San Francisco: Social Media s (60) + Misc (1090) + Reference + Amazon	C Google	
sfgov SFGov I Residents I Bu	isiness I Government I Visitors I Onlin	e Services	► Help
City and County of San Francisco Social Media Center	and the second se	ial Media	Center
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Blog - Mayor Newsom [RSS]	Twitter - Board of Sup. [RSS]	YouTube - Mayor Newsom [RSS]	
Blog - SFGov News [RSS]	Twitter - Mayor (coming soon)	You YouTube - SFGTV channel [RSS]	
Facebook - San Francisco	Twitter - SFgov News [RSS]	YouTube - SFGov channel [RSS]	
Facebook Depts' pages: DEM, DPW, PUC, SFE, SFPL	Twitter - Depts' pages: 311, CA, DEM, DPW, PUC, SFE, SFPL	YouTube - Depts' pages: PUC, SFE	
Blog Updates - Mayor Newsom	Twitter Updates - Board of Sup.	YouTube Updates - Mayor Newsom	
 Cisco and San Francisco Embark on 'Sustainable 21st Century San Francisco' Project 	 sfbos: The Draft Minutes for the November 24, 2009 Board of Supervisors meeting has been posted http://www.sfbos.org/meeting.aspx? 	 Citywide Changes to Muni Services Begin Dec. 5 Mavor Newsom Holds Press Conference 	

Transparency = Accountability?

Balance?

SF Innovators

Jay Nath	Cheong-Tseng Eng	
Jeff Johnson	Lawrence Grodeska	
Paul McCullough	Adriel Hampton	
David Geller	Brian Purchia	
Alissa Black	Kate Howard	
Henry Jiang	Cristine deBarry	
Richard Isen	Kelly Pretzer	