WEBSITE USABILITY & UNDERSTANDING WEB ANALYTICS

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Source: http://www.flickr.com/photos/24625802@N08/



Usability



useit.com: Jakob Nielsen's Website

Permanent Content

Alertbox

Jakob's column on Web usability

10 Best Intranets of 2010 (January 4)

Intranet design is maturing and reaping the rewards of continuous quality improvement for traditional features, while embracing new trends like mobile access, emergency preparedness, and user/employee-contributed content.

Anybody Can Do Usability (December 21)
Short-Term Memory (December 7)
TV vs. the Web (November 24)

All Alertbox columns from 1995 to 2010

Sign up for newsletter by email when a new Alertbox is published

Reports

Agile usability NEW
Application design showcase: 10 best App UIs
Intranet usability

- > Intranet design annual NEW
- > Enterprise 2.0

News

Usability Week 2010 Conference

> Miami, FL: January 25-29

> Atlanta, GA: February 22-26

> New York, NY: March 22-26

London, UK: May 16-21

Full-day seminars, including

JA1 (structure) & IA2 (navigation)

- > Fundamental Guidelines for Web Usability
- Apps design 1 (GUI) and Apps design 2 (workflow)
- > <u>Integrating Social Features on Mainstream</u> Websites
- > Writing for the Web
- > The Human Mind: How Your Users Think

New York Times M.T.A. to Unveil a Makeover of Its Web Home

TIME Magazine The Paperless Chase (about online financial statements)

TIME Magazine Why We Look at Some Web Ads and Not Others

Usability Components

- Learnability
- Efficiency
- Memorability
- Errors
- Satisfaction
- Utility

Source: Usability 101 by Jakob Nielson http://www.useit.com/alertbox/20030825.html

Top Web Design Mistakes

- Legibility
- Non-standard links
- Flash
- Content not written for the Web
- Bad Search

Source: Top Ten Web Design Mistakes of 2005 by Jakob Nielson http://www.useit.com/alertbox/designmistakes.html

Who What When Where Why How

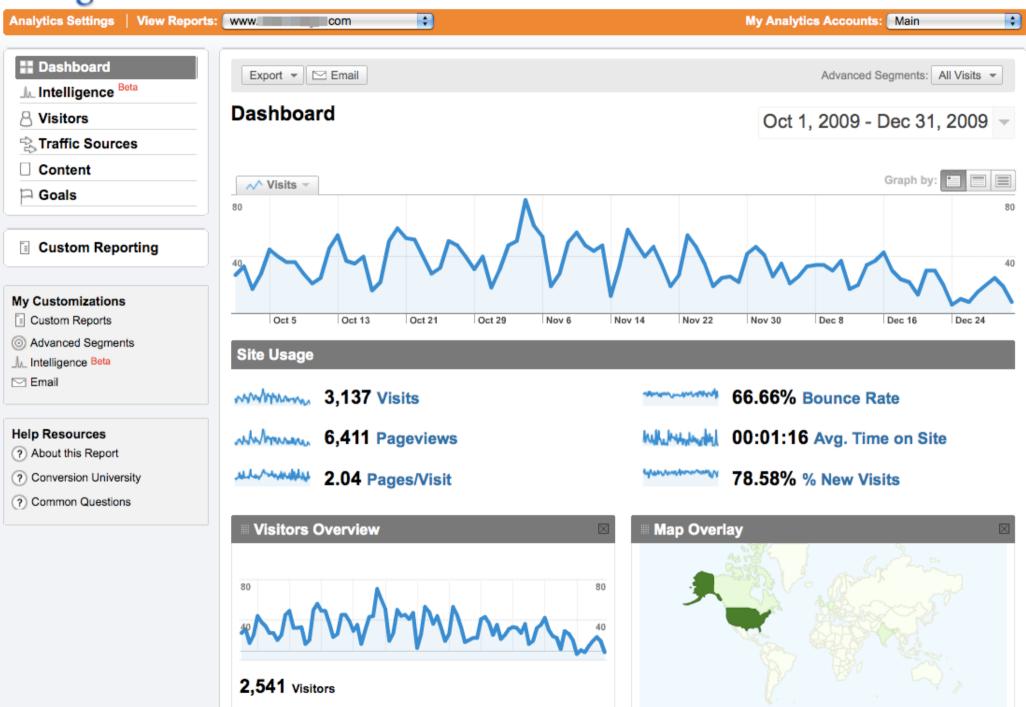
WEB ANALYTICS

Collection
Measurement
Reporting
Analysis

Google Analytics



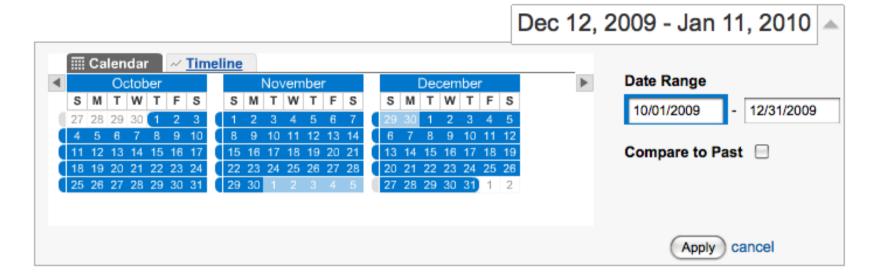
view report

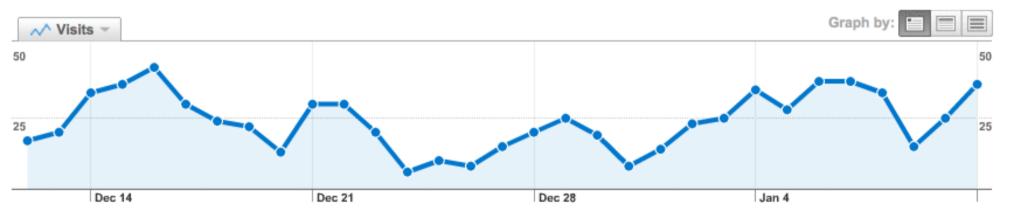


view report



Dashboard





Site Usage

√
√
√
743 Visits

1,486 Pageviews

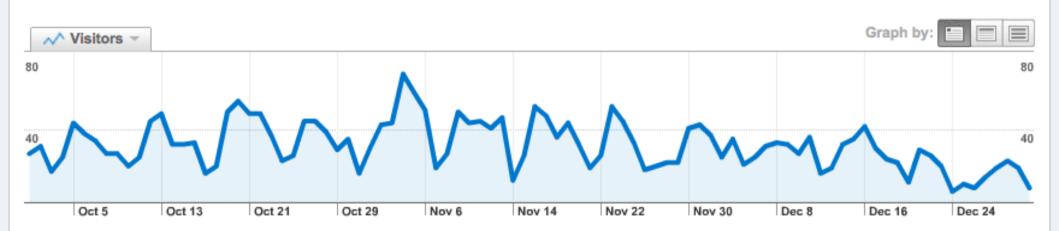
2.00 Pages/Visit

67.83% Bounce Rate

80.48% % New Visits

Visitors Overview

Oct 1, 2009 - Dec 31, 2009



2,541 people visited this site

3,137 Visits

2,541 Absolute Unique Visitors

All Pageviews

2.04 Average Pageviews

00:01:16 Time on Site

66.66% Bounce Rate

78.58% New Visits

Visitor Segmentation

Visitors Profile: languages, network locations, user defined

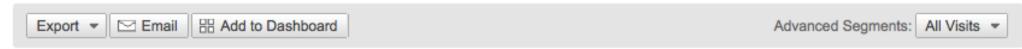
Browser Profile: browsers, operating systems, browser and operating systems, screen colors, screen resolutions, java support, Flash

Map Overlay

Geolocation visualization

Try Google Ad Planner.





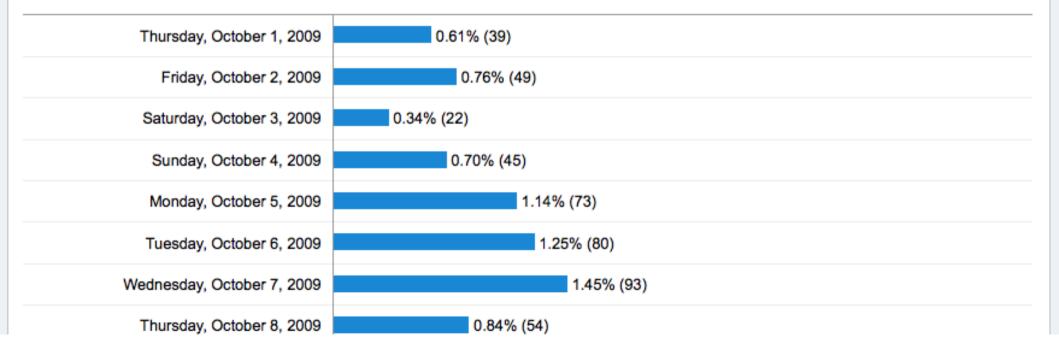
Overview »

Pageviews for all visitors

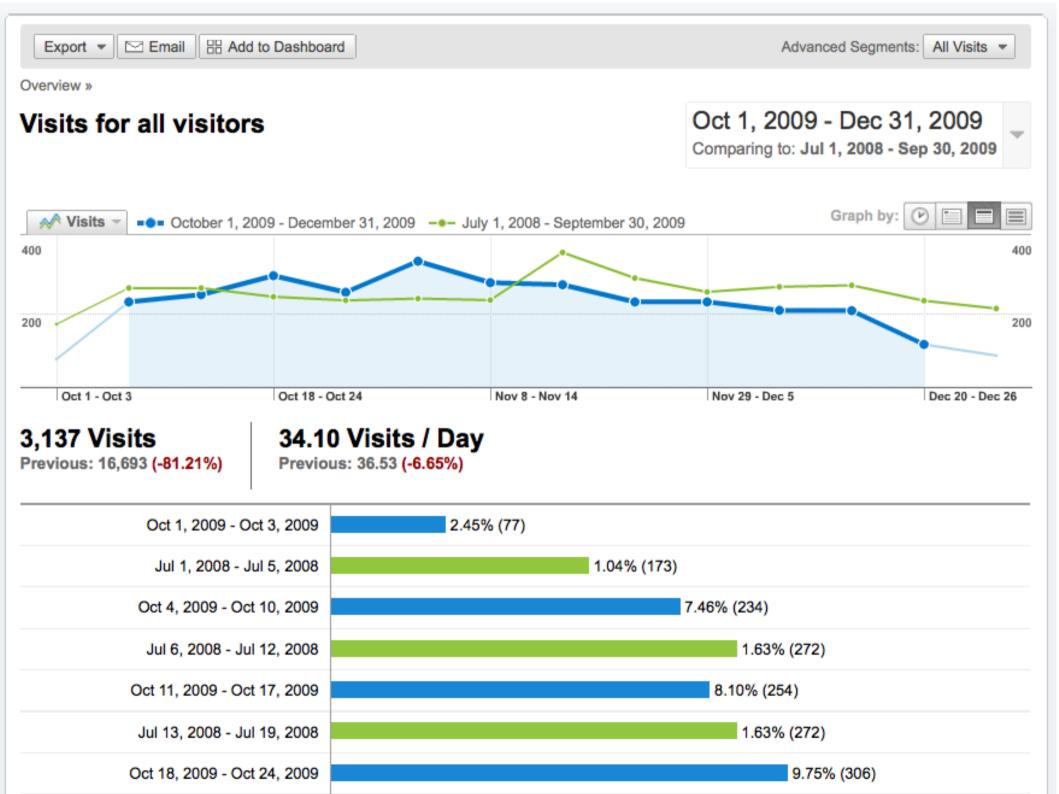
Oct 1, 2009 - Dec 31, 2009

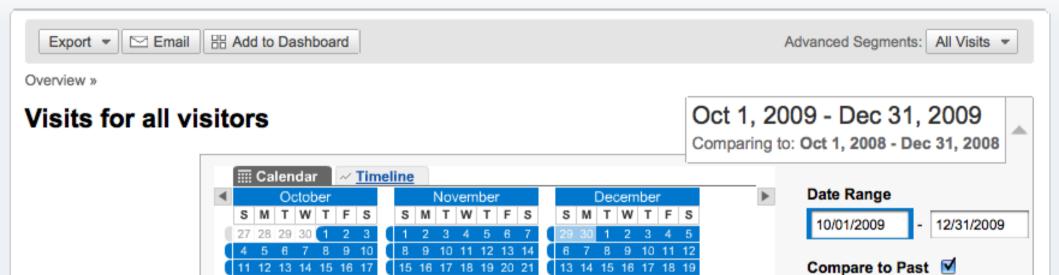


6,411 Pageviews









20 21 22 23 24 25 26

10/01/2008

Apply

12/31/2008

cancel

18 19 20 21 22 23 24

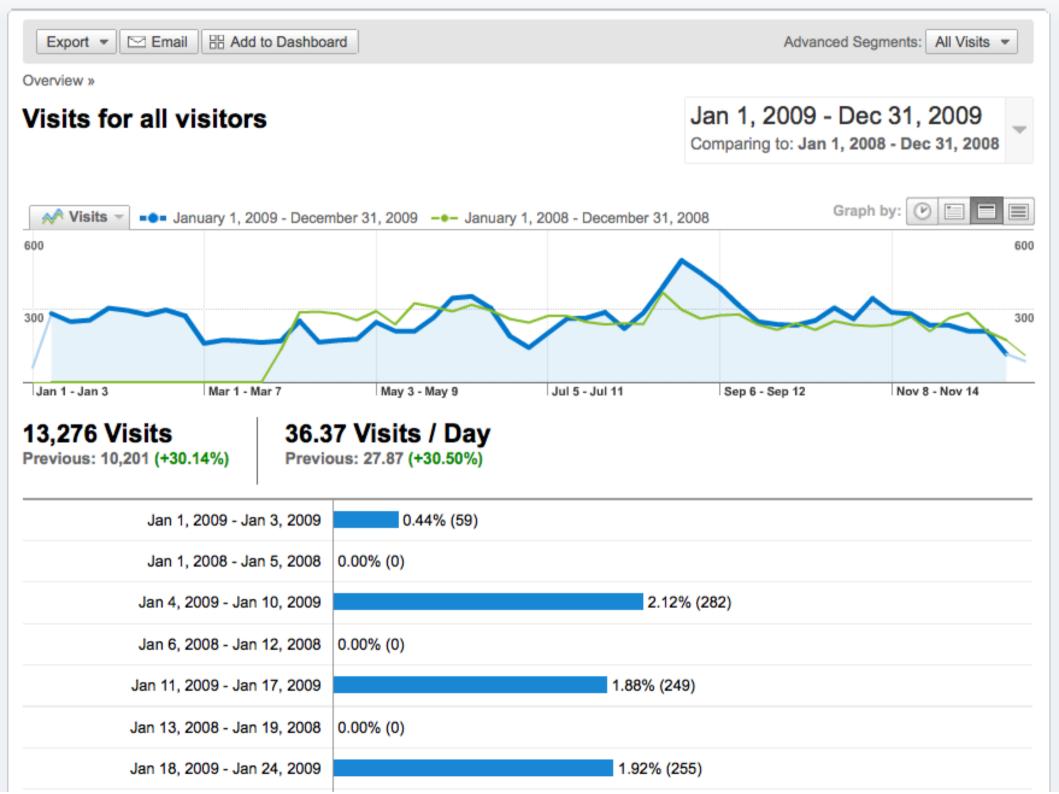
34.10 Visits / Day

Previous: 33.28 (+2.45%)

3,137 Visits

Previous: 3,062 (+2.45%)







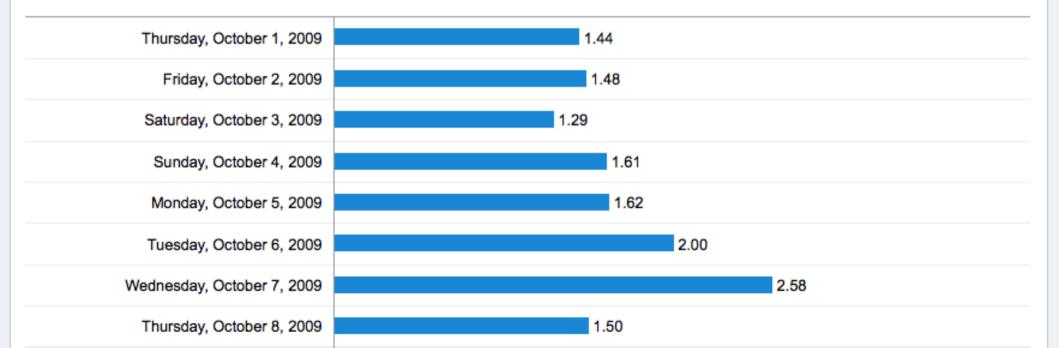
Overview »

Average Pageviews for all visitors

Oct 1, 2009 - Dec 31, 2009



2.04 Pages/Visit

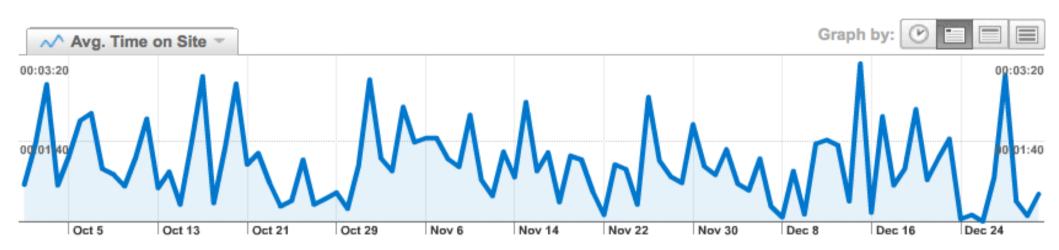


Advanced Segments: All Visits -

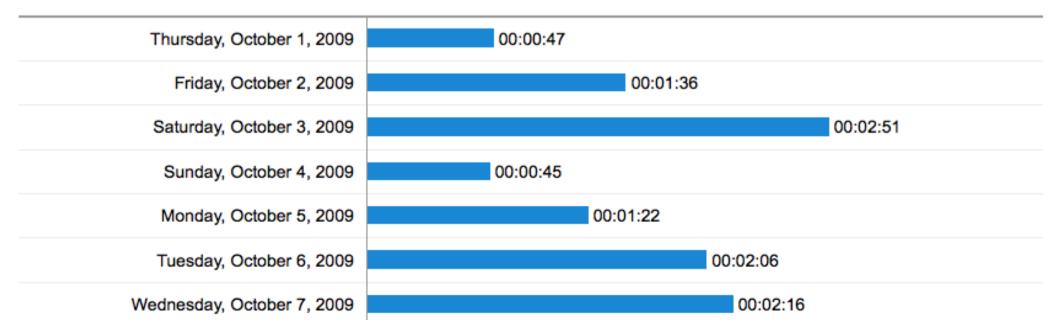
Overview »

Time on Site for all visitors

Oct 1, 2009 - Dec 31, 2009



00:01:16 Avg. Time on Site



Technical Profile

Browser	Visits	% visits		
Firefox	1,637	52.18%		
Internet Explorer	851	27.13%		
Safari	386	12.30%		
Chrome	198	6.31%		
Opera	29	0.92%		

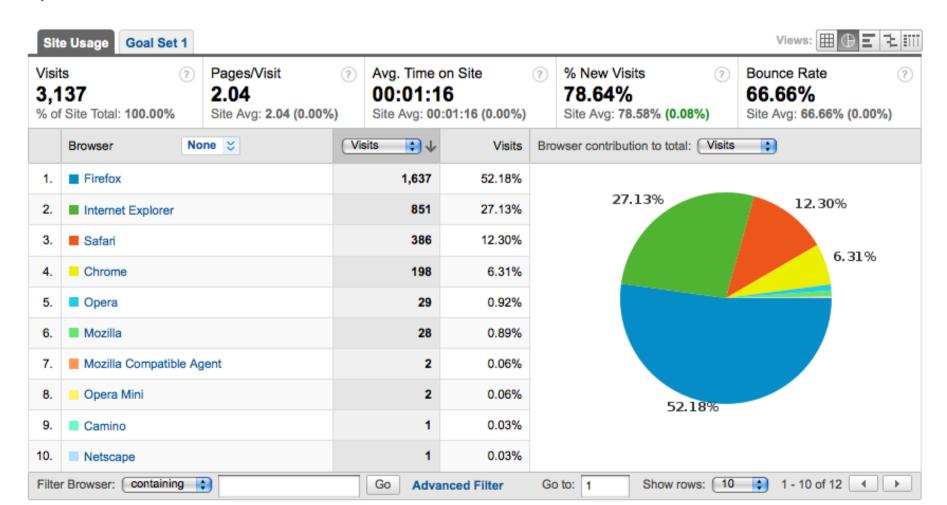
Connection Speed	Visits	% visits		
Cable	1,057	33.69%		
DSL	883	28.15%		
Unknown	755	24.07%		
T1	375	11.95%		
Dialup	52	1.66%		

view full report

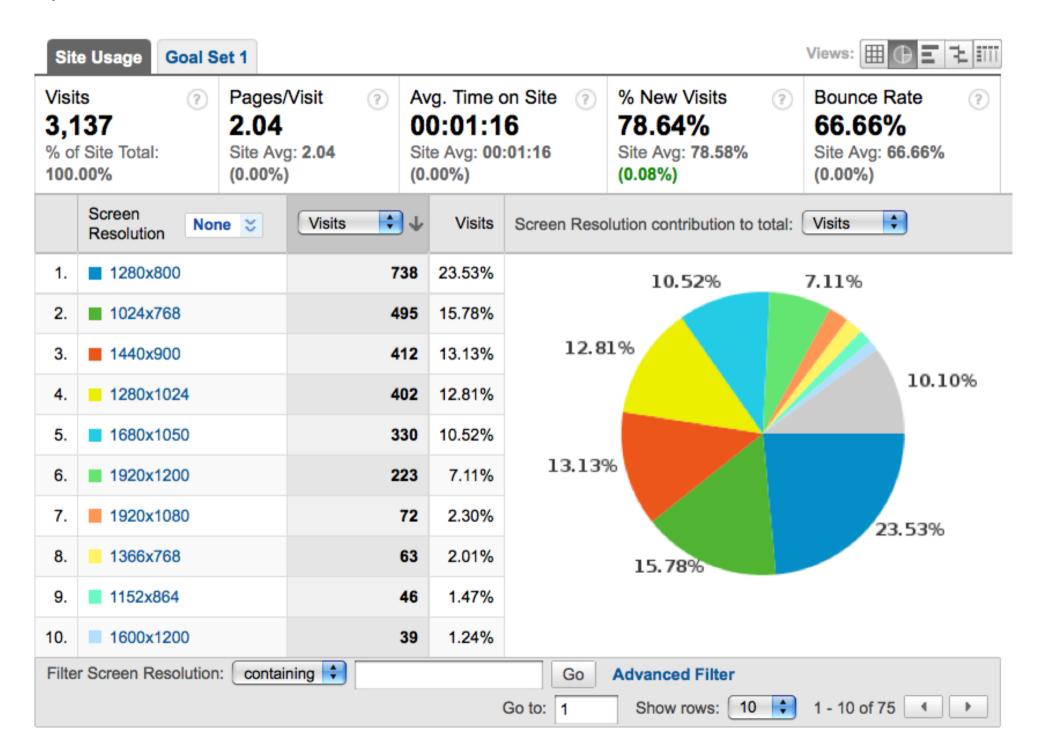
view full report



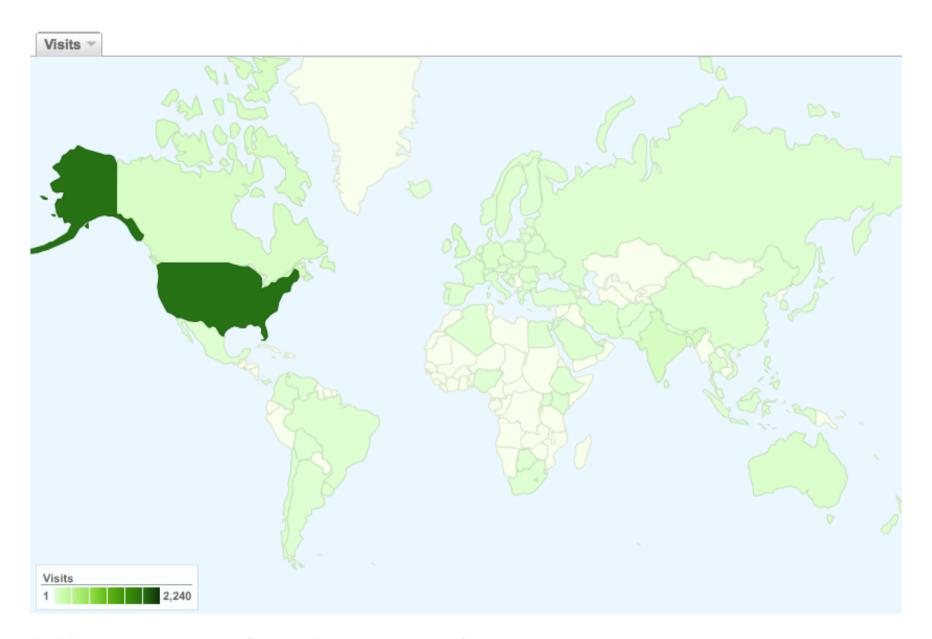
3,137 visits used 12 browsers



3,137 visits used 75 screen resolutions



Map Overlay

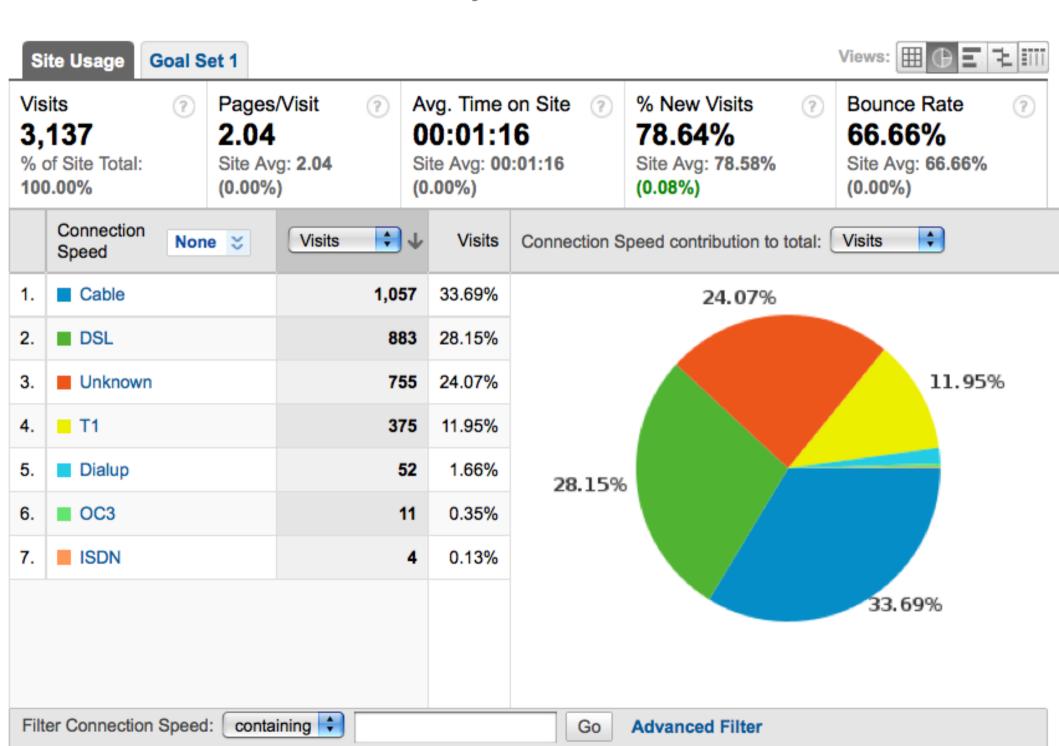


3,137 visits came from 97 countries/territories

Detail Level: City | Country/Territory | Sub Continent Region | Continent Dimension: None



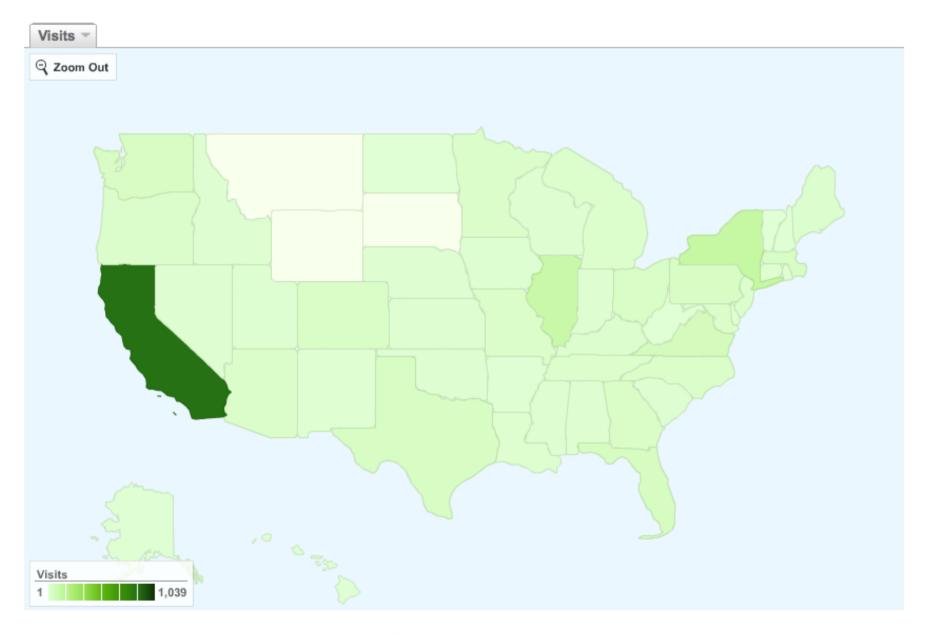
3,137 visits used 7 connection speeds



Country/Territory Detail:

United States

Oct 1, 2009 - Dec 31, 2009



This country/territory sent 2,240 visits via 49 regions

State Detail:

California

Oct 1, 2009 - Dec 31, 2009



This state sent 1,039 visits via 153 cities

This state sent 1,039 visits via 153 cities

Detail Level: City Dimension: None 💝

(?)

Site Usage

Goal Set 1

Views: ■ □ = 1 IIII

(?)

Visits
1,039
% of Site Total:

33.12%

Pages/Visit 2.55 Site Avg: 2.04

(24.61%)

Avg. Time on Site 00:01:45 Site Avg: 00:01:16

(39.18%)

% New Visits **65.06%** Site Avg: **78.58**%

(-17.20%)

(?)

Bounce Rate **56.50%**

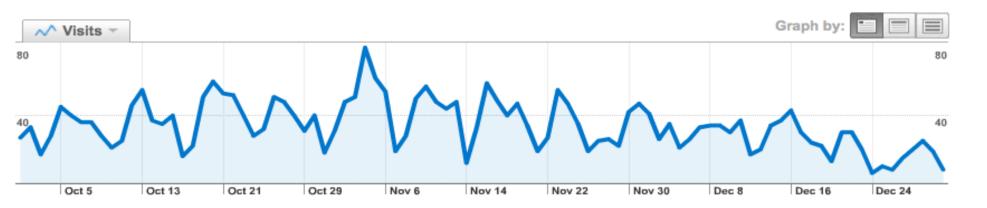
(?)

Site Avg: **66.66%** (-15.24%)

	Detail Level: City 💝	Visits ↓	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
1.	Los Angeles	397	2.88	00:01:57	55.92%	50.63%
2.	Whittier	53	1.04	00:00:44	1.89%	98.11%
3.	San Francisco	50	2.16	00:00:58	78.00%	56.00%
4.	Beverly Hills	46	2.24	00:01:54	95.65%	67.39%
5.	Los Alamitos	28	1.14	00:00:36	85.71%	85.71%
6.	Culver City	26	2.65	00:01:07	69.23%	61.54%
7.	Sacramento	20	1.45	00:01:22	30.00%	75.00%
8.	West Hollywood	16	3.19	00:05:33	56.25%	25.00%
9.	San Diego	16	4.50	00:05:30	100.00%	31.25%
10.	Villa Park	15	1.47	00:00:07	13.33%	86.67%

Traffic Sources Overview

Oct 1, 2009 - Dec 31, 2009

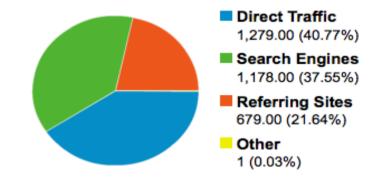


All traffic sources sent a total of 3,137 visits

40.77% Direct Traffic

21.64% Referring Sites

37.55% Search Engines



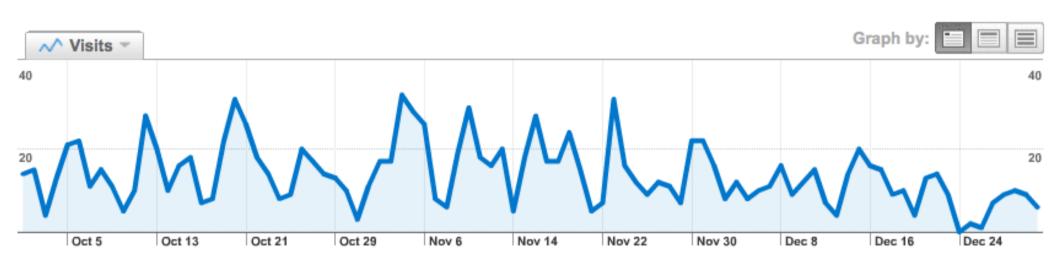
Top Traffic Sources

Sources	Visits	% visits		
(direct) ((none))	1,279	40.77%		
google (organic)	1,069	34.08%		
images.google.com (referral)	132	4.21%		
groups.drupal.org (referral)	107	3.41%		
yahoo (organic)	69	2.20%		

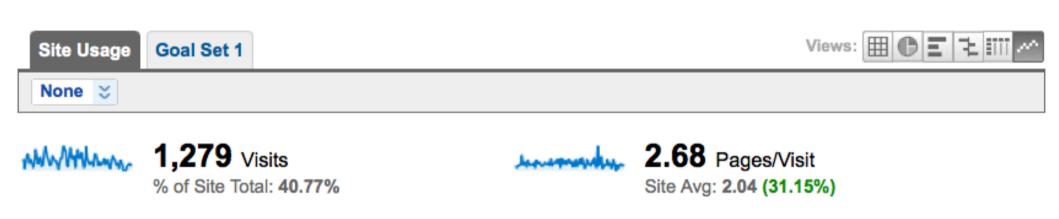
Keywords	Visits	% visits
newsweek magazine chris st	46	3.90%
urban insight	39	3.31%
urban insight email	23	1.95%
drupal training	20	1.70%
drupal consulting	19	1.61%

Direct Traffic

Oct 1, 2009 - Dec 31, 2009



1,279 visits came directly to this site



O0:01:49 Avg. Time on Site Site Avg: **00:01:16** (44.87%) **76.78%** % New Visits Site Avg: **78.58%** (-2.29%)



Referring Sites

Site Usage

Goal Set 1

Oct 1, 2009 - Dec 31, 2009

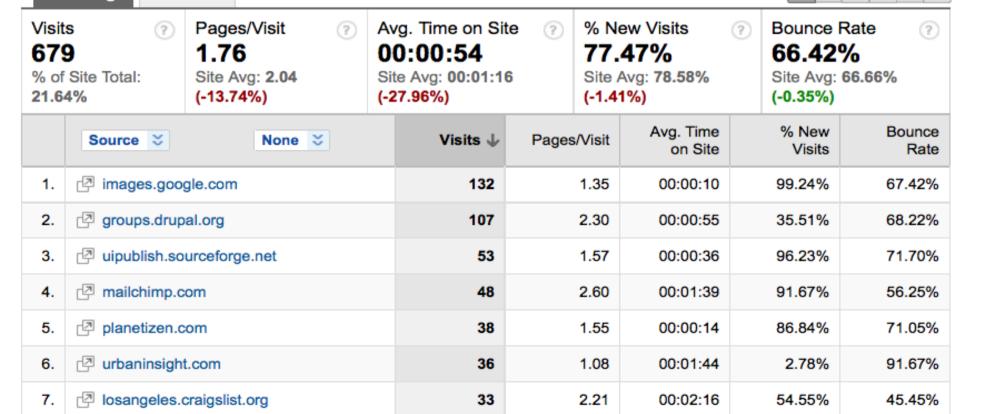
O E RIIII

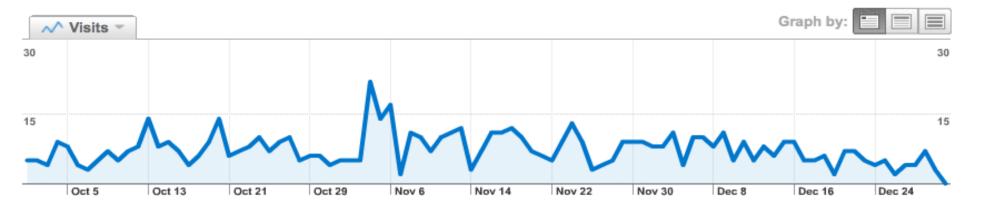
 \blacksquare

Views:

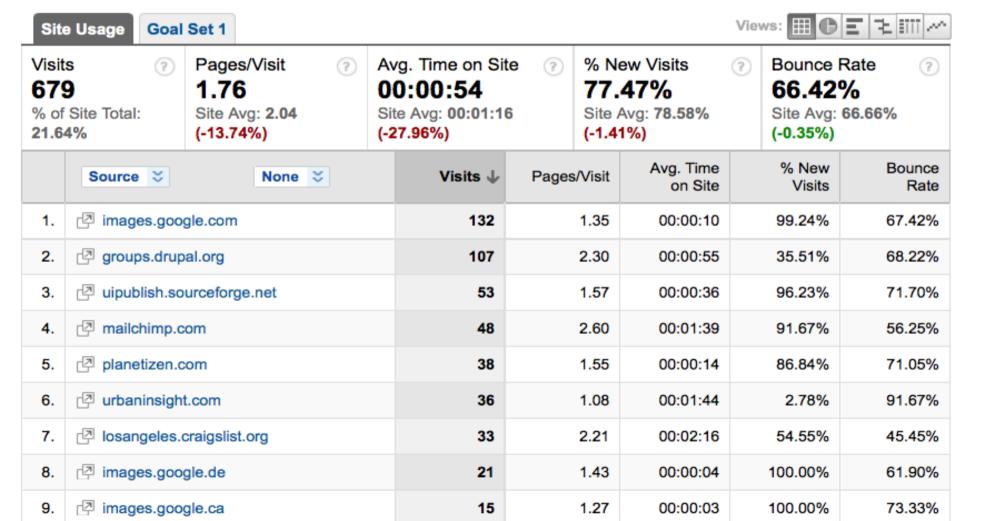


Referring sites sent 679 visits via 93 sources





Referring sites sent 679 visits via 93 sources



Search Engines



III O E R IIII M

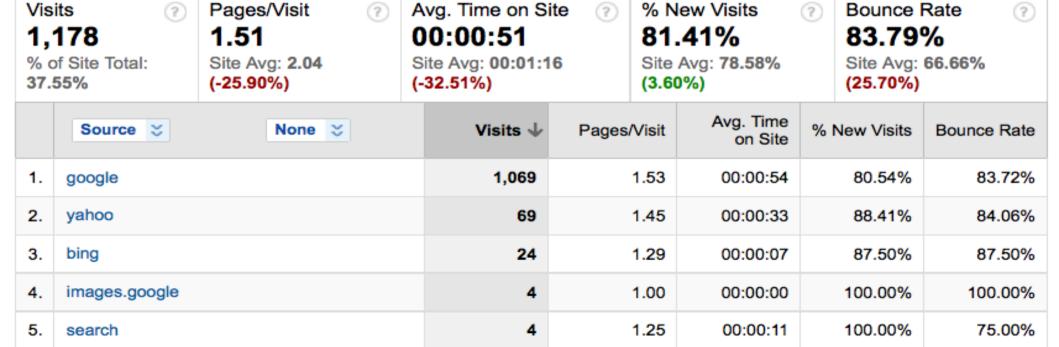


Search sent 1,178 total visits via 8 sources

Show: total | paid | non-paid

Goal Set 1

Site Usage

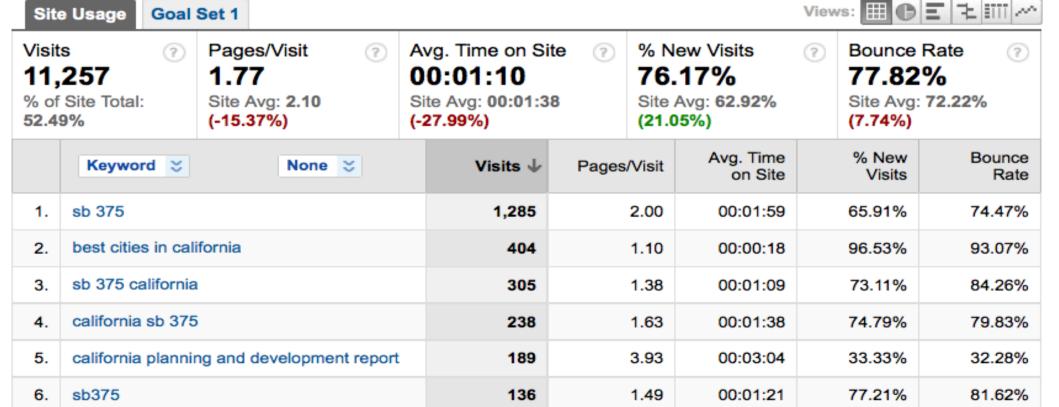


Keywords



Search sent 11,257 total visits via 5,398 keywords

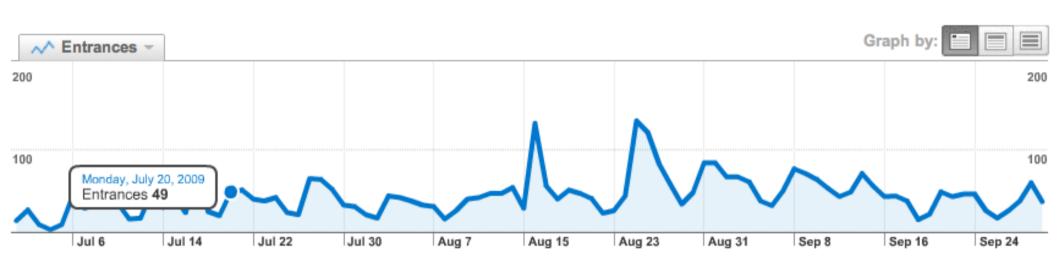
Show: total | paid | non-paid



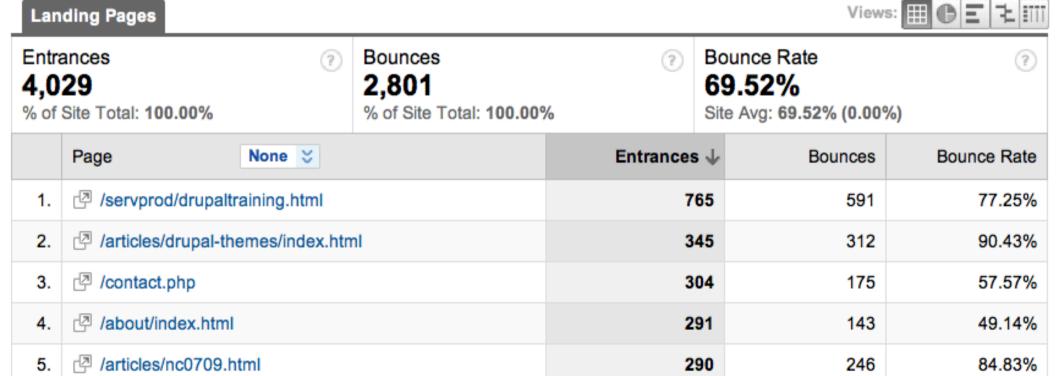
Top Landing Pages



Views:



4,029 visits entered the site through 102 pages



Content by Title

Content Performance

Jul 1, 2009 - Sep 30, 2009 -

Views: ■ ● **= 1 !!!!**



52 page titles were viewed a total of 7,912 times

7,9 % of	eviews ? 912 f Site Total:	Unique Pageviews ? 6,444 % of Site Total: 100.00%	Avg. Time on Page 00:01:23 Site Avg: 00:01:23 (0.00%)	?	Bounce 69.52 Site Avg: 69.52% (%	% Exit 50.92% Site Avg: 50.92% (0.00%)	?	\$ Index \$0.00 Site Avg \$0.00 (0	0
	Page Title	None 💝	Pageviews ↓	ı	Unique Pageviews	Avg. Time on Page	Bounce Rate		% Exit	\$ Index
1.	Introduction to Drupal Training, Los Angeles, CA		1,021		836	00:02:30	77.25%		68.95%	\$0.00
2.	2. About Urban Insight		898	654		00:01:13	52.49%	35.52%		\$0.00
3.	Urban Insight: Products and Services		614		480	00:00:25	22.48%		20.36%	\$0.00
4.	4. Contact		608		513	00:01:10	57.57%		47.20%	\$0.00
5.	Portfolio		572		461	00:01:17	59.74%		45.63%	\$0.00
6.	Top 25 Drupal Theme	es	455		388	00:03:15	89.56%		80.88%	\$0.00
7 .	Missing Page!		393		342	00:00:52	68.77%		67.43%	\$0.00
8.	The State of Neighbor	rhood Council Websites in Lo	390		324	00:04:04	84.54%		77.95%	\$0.00
9.	Articles		324		246	00:00:46	22.08%		16.98%	\$0.00

%

2.5%

8.4%

7.2%

9.4%

1.2%

5.4%

2.8%

3.5%

4.0%

nning & Visioning

Iline Education &

bnavigation

Services & Products Overview

From more than a decade of experience developing award-winning systems, we have found that certain of our solutions are in high demand because of their ease of use, affordability, and adaptability to individual client needs. When we recognize these patterns in the solutions we build, we also develop web software products to support these solutions.

-equiv="ContentincedeginEditable ban Insight - Web incededIdditable pe" text/oss"> rkground-colors Web Development

Engage your visitors with an elegant website design, compelling content, a well-thoughtout information architecture, and a

sustainable content management system.

8.4%



7.2% Prinal Consulting

Drupal is a popular, powerful and flexible content management framework. Urban Insight has the Drupal experience you need to

ensure your project is a success.

7.2%



Priva 9.4% al Training

Urban Insight provides full-day, hands-on training courses on Drupal in the Los Angeles

An annual of the second of the

Planning & Visioning

Inform, engage, and empower your community by using a turnkey system designed specifically to increase public participation in urban planning and growth visioning initiatives.

5.4%



Internet Marketing

More than 60% of the traffic to most websites comes from search engines. We can help you make sure you are using the best practices

and latest techniques to drive traffic to your site.

2.8%

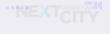


Products for Higher

arting every week on the hationally syndrated had bloodem (Smart Ciny"). Ready ornisten to this weeks News and, waichingks at the foreith uppar

living, the rise of oblicarits, Monadols excaps bolitions, and the adventu

Clickheat http://labsmedia.com/clickheat



of design project budget on improving usability

Double design quality metrics

Source: Usability 101 by Jakob Nielson http://www.useit.com/alertbox/20030825.html

User Testing

User Testing

Representative users Representative tasks Observe

Source: Usability 101 by Jakob Nielson http://www.useit.com/alertbox/20030825.html

How many testers?

Paper Prototypes

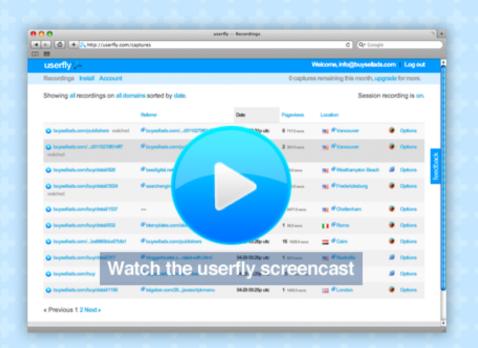
Testing Lab

Usability testing has never been this easy.

- Watch videos of your real users.
- See every mouse movement and click.
- Install in seconds with one line of code.
- Increase conversions on landing pages.



Try the demo.



What they're saying:



Now there's a cost-effective means of seeing how usable your pages are: Userfly, a simple way to test your site's usability for free — with one line of code.

usabilitypost

I think Userfly is a service that cannot be ignored. It's a new way of getting data on your visitors' browsing patterns — data that isn't biased or subjective; data which shows the real thing — the real actions of your users.



Userfly could certainly evolve into a must-use service for web developers.

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FAQ

Buzz

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Try It

Low Cost Usability Testing

The fastest way to watch and hear real people using your website

For \$29 you get:

A <u>video</u> of a user speaking their thoughts as they browse your website



A <u>written summary</u> describing the problems they found.



UserTesting.com makes it so darn easy, fast, and cheap to get end-user feedback on your site, you no longer have an excuse not to. Use it and your site will get better.

Evan Williams
Twitter Co-founder

More >>



How It Works

- 1. You sign up for usability testing, specifying:
 - · The demographic profile of your target audience
 - · How many users you want
 - · What tasks you want them to perform on your site
- 2. We notify users. Within seconds, representative users start recording their screen and voice as they use your website, speaking their thoughts as they browse. Who are the users?
- You watch and listen to them use your site. Each user's session - mouse movements, clicks, keystrokes, and

Watch people use your website

Sign Up

One Year Money-Back Guarantee. If you're not 100% satisfied, it's free. Just <u>click here</u> for a full refund.

WEBSITE USABILITY & UNDERSTANDING WEB ANALYTICS

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