

# How Our Browsing History Is Leaking into the Cloud

Brian Kennish

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## DoubleClick News

### STATEMENT FROM KEVIN O'CONNOR, CEO OF DOUBLECLICK

NEW YORK, March 2, 2000 -

"Over the past few weeks, DoubleClick (Nasdaq: DCLK) has been at the center of the Internet privacy controversy.

[\[more\]](#)

### DOUBLECLICK CLARIFIES RELATIONSHIP WITH ALTAVISTA AND KOZMO.COM

NEW YORK, March 1, 2000 -

DoubleClick Inc. (Nasdaq: DCLK), the industry's leading Internet advertising solutions company, today issued the following statement:

"DoubleClick and AltaVista have been successful partners for over four years. Nothing AltaVista has done with respect to their privacy policies has changed our relationship."

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If you are a client of DoubleClick's solutions and

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Flixlab CEO Talks Social Video Creation

WHAT THEY KNOW | OCTOBER 18, 2010

# Facebook in Privacy Breach

*Top-Ranked Applications Transmit Personal IDs, a Journal Investigation Finds*

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By EMILY STEEL And GEOFFREY A. FOWLER





# Facebook Disconnect

Brian Kennish

Free

Stop Facebook from tracking the webpages you go to.

★★★★★ 765 ratings  
101,663 users

## Description

\* Check out my new extension, Disconnect, which prevents tracking by Facebook and other social networks and has the most requested Facebook Disconnect feature, an on-off button: <http://j.mp/dchrome>.

Facebook is notified whenever you visit one of the more than one million sites on the web that use Facebook Connect and has a history of leaking personally identifiable information to third parties.

Turn off the flow of your data to them!

Facebook Disconnect blocks all traffic from third-party sites to Facebook servers, but still lets you access Facebook

Notes:

- Read the FAQ at <http://j.mp/fbdcinstall> to understand the warning you get when you install Facebook Disconnect.
- I plan to add optional omnibox icon to indicate blocking activity.
- This extension was originally developed in a single day. If you find a bug, report it at

### This extension also

- Your data on a
- [Learn more](#)

Version: 1.0.2

Updated: Saturday

Language: Eng

Users

Weekly inst

website

extension support

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Report an issue





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**Version:** 1.0.2  
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 Languages: Eng  
 Users  
 Weekly inst  
[website](#)  
[extension support](#)  
[Report abuse](#)  
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```
/* The domain names Facebook phones home with, lowercased. */
const DOMAINS = ['facebook.com', 'facebook.net', 'fbcdn.net'];

/*
  Determines whether any of a bucket of domains is part of a URL, regex free.
*/
function isMatching(url, domains) {
  const DOMAIN_COUNT = domains.length;
  for (var i = 0; i < DOMAIN_COUNT; i++)
    if (url.toLowerCase().indexOf(domains[i], 7) >= 7) return true;
    // A valid URL has seven-plus characters ("http://"), then the domain.
}

/* Traps and selectively cancels a request. */
if (!isMatching(location.href, DOMAINS)) {
  document.addEventListener('beforeload', function(event) {
    if (isMatching(event.url, DOMAINS)) event.preventDefault();
  }, true);
}
```







Source: <http://www.flickr.com/photos/dukeyearlook/5268907841/>





Source: <http://www.flickr.com/photos/floridamemory/5428192538/>

# disconnect

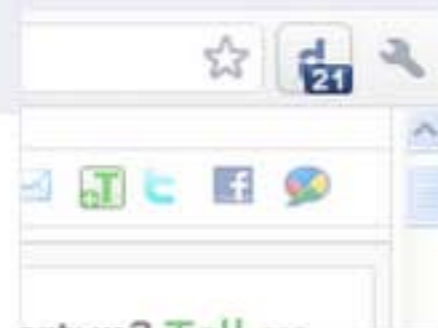
A browser extension that stops major third parties and search engines from tracking the webpages you go to and searches you do



Disables third-party tracking



Truly depersonalizes searches



Shows blocked requests



Allows easy unblocking

Install **Disconnect**

Disconnect is available for Firefox, Chrome, and Safari

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[info\[at\]disconnect\[dot\]me](mailto:info@disconnect.me)



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Lloyd I. Sederer, MD

Medical Director, New York State Office of Mental Health (OMH)

Posted: February 8, 2011 07:26 PM



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Host: ad.doubleclick.net
Referer: http://www.huffingtonpost.com/lloyd-i-sederer-md/depression-treatment-_b_819798.html
User-Agent: Mozilla/5.0 (Windows NT 5.1) AppleWebKit/534.30 (KHTML, like Gecko) Chrome/12.0.742.122 Safari/534.30
Accept: */*
Accept-Encoding: gzip, deflate, sdch
Accept-Language: en-US,en;q=0.8
Accept-Charset: ISO-8859-1,utf-8;q=0.7,*;q=0.3
Cookie: id=226ccf6b250100cb||t=1311655109|et=730|cs=ds0m3xff
```



```
GET /adj/huffpost.health/blog/curtain;featured-posts=1;health=1;living=1;;blogger=lloyd-i-sederer-md;entry_id=819798;@depressing=1;@recommend=1;depression-treatment=1;depression-treatment-walking=1;depression-treatments=1;natural-depression-treatments=1;treatments-for-depression=1;global=1;cap_12=n;;plat=win;br=ch;bv=12;subbv=0;load_mode=inline;page_type=bpage;page_type=blog;pos=curtain;social=all_on_everywhere;ref=google;dcopt=ist;u=938x200%7Cpage, blog%7Ccurtain%7C@depressing,@recommend,depression-treatment,depression-treatment-walking,depression-treatments,natural-depression-treatments,treatments-for-depression%7C%7C%7C%7C819798%7Cord=44137685? HTTP/1.1
```

Host: ad.doubleclick.net

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```

```
User-Agent: Mozilla/5.0 (Windows NT 5.1) AppleWebKit/534.30 (KHTML, like Gecko) Chrome/12.0.742.122 Safari/534.30
```

```
Accept: */*
```

```
Accept-Encoding: gzip, deflate, sdch
```

```
Accept-Language: en-US, en; q=0.8
```

```
Accept-Charset: ISO-8859-1, utf-8; q=0.7, *; q=0.3
```

```
Cookie: id=226ccf6b250100cb|t=1311655109|et=730|cs=ds0m3xff
```





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Accept: */*
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Accept: \*/\*

Accept-Encoding: gzip, deflate, sdch

Accept-Language: en-US, en; q=0.8

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Cookie: id=226ccf6b250100cb||t=1311655109|et=730|cs=ds0m3xff



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Accept: */*
Accept-Encoding: gzip, deflate, sdch
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font=lucida%20grande&href=http%253A%252F%252Fwww.huffingtonpost.com%252F
lloyd-i-sederer-md%252Fdepression-treatment-_b_819798.html&layout=standard&
locale=en_US&node_type=link&sdk=joey&show_faces=false&width=244 HTTP/1.1
Host: www.facebook.com
Referer: http://www.huffingtonpost.com/lloyd-i-sederer-md/
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User-Agent: Mozilla/5.0 (Windows NT 5.1) AppleWebKit/534.30 (KHTML, like Gecko)
Chrome/12.0.742.122 Safari/534.30
Accept: */*
Accept-Encoding: gzip, deflate, sdch
Accept-Language: en-US, en; q=0.8
Accept-Charset: ISO-8859-1, utf-8; q=0.7, *; q=0.3
Cookie: locale=en_US; c_user=100002125339767; datr=Ni5iTdEGGj_pRA3KZreespS-;
lu=ggi7m0bvq-ZuGFATrTpun0qQ; sct=1298357847;
xs=1%3Adb96852e8ba9ab6b17811f3aded8626c
```



```
GET /plugins/like.php?action=recommend&api_key=4d965afccc4d86c598dbf5d94fb34a7c&
font=lucida%20grande&href=http%253A%252F%252Fwww.huffingtonpost.com%252F
lloyd-i-sederer-md%252Fdepression-treatment-_b_819798.html&layout=standard&
sdk=joeey&show_faces=false&width=244 HTTP/1.1
```

Host: **www.facebook.com**

```
Referer: http://www.huffingtonpost.com/lloyd-i-sederer-md/
depression-treatment-_b_819798.html
User-Agent: Mozilla/5.0 (Windows NT 5.1) AppleWebKit/534.30 (KHTML, like Gecko)
Chrome/12.0.742.122 Safari/534.30
Accept: */*
Accept-Encoding: gzip, deflate, sdch
Accept-Language: en-US, en; q=0.8
Accept-Charset: ISO-8859-1, utf-8; q=0.7, *; q=0.3
Cookie: locale=en_US; c_user=100002125339767; datr=Ni5iTdEGGj_pRA3KZreespS-;
lu=ggi7m0bvq-ZuGFATrTpun0qQ; sct=1298357847;
xs=1%3Adb96852e8ba9ab6b17811f3aded8626c
```





```
GET /plugins/like.php?action=recommend&api_key=4d965afccc4d86c598dbf5d94fb34a7c&
font=lucida%20grande&href=http%253A%252F%252Fwww.huffingtonpost.com%252F
lloyd-i-sederer-md%252Fdepression-treatment-_b_819798.html&layout=standard&
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```

```
Chrome/12.0.742.122 Safari/534.30
```

```
Accept: */*
```

```
Accept-Encoding: gzip, deflate, sdch
```

```
Accept-Language: en-US,en;q=0.8
```

```
Accept-Charset: ISO-8859-1,utf-8;q=0.7,*;q=0.3
```

```
Cookie: locale=en_US; c_user=100002125339767; datr=Ni5iTdEGGj_pRA3KZreespS-;
```

```
lu=ggi7m0bvq-ZuGFATrTpun0qQ; sct=1298357847;
```

```
xs=1%3Adb96852e8ba9ab6b17811f3aded8626c
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font=lucida%20grande&href=http%253A%252F%252Fwww.huffingtonpost.com%252F
lloyd-i-sederer-md%252Fdepression-treatment-_b_819798.html&layout=standard&
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User-Agent: Mozilla/5.0 (Windows NT 5.1) AppleWebKit/534.30 (KHTML, like Gecko)
Chrome/12.0.742.122 Safari/534.30
Accept: */*
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```

```
Accept-Charset: ISO-8859-1, utf-8, *; q=0.3
```

```
Cookie: c_user=100002125339767
```

```
; datr=Ni5iTdEGGj_pRA3KZreespS-;
```

```
lu=gg1/m0bvq-ZuGFATrTpun0qQ; sct=1298357847;
```

```
xs=1%3Adb96852e8ba9ab6b17811f3aded8626c
```





# Brian Kennish

Worked at DoubleClick (Software Engineer) Studied at Brown University Lives in San Francisco, California From New York, New York Add languages you know Edit Profile



Share: Status Photo Link Video Question

What's on your mind?



**Brian Kennish**

"66% of the Fortune 100 [I'll do the math for you - 66 companies] have disappeared or are off the list since 1990." <http://t.co/qCON2X8>

3 hours ago via Twitter · Like · Comment · @byoogle on Twitter

Mehrdad Chaffari likes this.

Write a comment...



**Brian Kennish**

"Segment verification", heh. Bank robber: "I was just verifying deposits". <http://t.co/Kfw8utk>

Friday at 6:22pm via Twitter · Like · Comment · @byoogle on Twitter



**Brian Kennish** commented on TechCrunch.

When will you start selling personal data collected by Google+ through your data exchange <<http://adage.com/article/digital/google-readies-ambitious-plan-web-data-exchange/228637/>>? Do you have a price list yet? (I'm interested in buying Vic and Bradley's circle data.)

Wall

Info

Photos (11)

Notes

Friends

Friends (286)



Natalie Hribko



Dan Engel



Eran Waks



Ted Souder  
Google



Mike Greenhaus

Event Invitations

**The Kick-Off Party**

Wednesday, July 27



RSVP: Yes · No · Maybe

People You May Know



**Matt Queried**

Add Friend

Sponsored

Glee. In 3D.



Exclusive event to 3D Con when you use American Card. C theater



Source: <https://www.facebook.com/byoogle>

TechCrunch | Ask Your Question To The Googlers Behind The Google+ Project  
techcrunch.com

[Sign Up](#)

Facebook helps you connect and share with the people in your life.

 **The page you requested was not found.**

You may have clicked an expired link or mistyped the address. Some web addresses are case sensitive.

- [Return home](#)
- [Go back to the previous page](#)





**404.** That's an error.

The requested URL /prooflarrycaresaboutprivacy was not found on this server. That's all we know.



Source: <http://www.google.com/prooflarrycaresaboutprivacy>



# Sorry, that page doesn't exist!

Search for a username, first or last name

search



[English](#)

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# A Reverse-Tracking Spider



1. Make a list of the most popular sites



1. Make a list of the most popular sites
2. Crawl each site to a link depth of one



1. Make a list of the most popular sites
2. Crawl each site to a link depth of one
3. Extract every third-party domain from the style sheets, scripts, iframes, and images on the pages



1. Indexed 1,000 sites



1. Indexed 1,000 sites
2. Analyzed 201,358 pages



1. Indexed 1,000 sites
2. Analyzed 201,358 pages
3. Identified 6,926 third parties



| Domain                | Services                               | Sites | Prevalence |
|-----------------------|--|-------|------------|
| facebook.com          | Facebook                               | 331   | 33%        |
| google.com            | Google Buzz, Custom Search, FeedBurner | 246   | 25%        |
| googleapis.com        | Google APIs                            | 228   | 23%        |
| googlesyndication.com | Google AdSense                         | 222   | 22%        |
| google-analytics.com  | Google Analytics                       | 207   | 21%        |
| twitter.com           | Twitter                                | 197   | 20%        |
| doubleclick.net       | DoubleClick (Google)                   | 183   | 18%        |
| googleadservices.com  | Google AdWords                         | 158   | 16%        |
| twimg.com             | Twitter                                | 152   | 15%        |
| scorecardresearch.com | ScorecardResearch (comScore)           | 134   | 13%        |
| quantserve.com        | Quantcast                              | 134   | 13%        |
| addthis.com           | AddThis                                | 121   | 12%        |
| adobe.com             | Adobe Flash                            | 120   | 12%        |
| youtube.com           | YouTube (Google)                       | 109   | 11%        |
| facebook.net          | Facebook                               | 108   | 11%        |
| fbcdn.net             | Facebook                               | 96    | 10%        |
| amazonaws.com         | Amazon Web Services                    | 91    | 9%         |
| 2o7.net               | Omniiture (Adobe)                      | 86    | 9%         |
| cnzz.com              | CNZZ (Alibaba)                         | 83    | 8%         |
| atdmt.com             | Atlas (Microsoft)                      |       | 7%         |
| qq.com                | Tencent QQ                             |       | 7%         |
| feedburner.com        | FeedBurner (Google)                    |       | 7%         |
| baidu.com             | Baidu ProTheme, Union                  |       | 6%         |
| revsci.net            | AudienceScience                        |       | 6%         |
| flickr.com            | Flickr (Yahoo)                         |       | 6%         |
| wordpress.com         | Automattic                             | 51    | 5%         |





| Domain                | Services                               | Sites | Prevalence |
|-----------------------|--|-------|------------|
| facebook.com          | Facebook                               | 331   | 33%        |
| google.com            | Google Buzz, Custom Search, FeedBurner | 246   | 25%        |
| googleapis.com        | Google APIs                            | 228   | 23%        |
| googlesyndication.com | Google AdSense                         | 222   | 22%        |
| google-analytics.com  | Google Analytics                       | 207   | 21%        |
| twitter.com           | Twitter                                | 197   | 20%        |
| doubleclick.com       | Google AdWords (DoubleClick)           | 183   | 18%        |
| googleadservices.com  | Google AdWords                         | 158   | 16%        |
| twimg.com             | Twitter                                | 152   | 15%        |
| scorecardresearch.com | ScorecardResearch (comScore)           | 134   | 13%        |
| quantserve.com        | Quantcast                              | 134   | 13%        |
| addthis.com           | AddThis                                | 121   | 12%        |
| adobe.com             | Adobe Flash                            | 120   | 12%        |
| youtube.com           | YouTube (Google)                       | 109   | 11%        |
| facebook.net          | Facebook                               | 108   | 11%        |
| fbcdn.net             | Facebook                               | 96    | 10%        |
| amazonaws.com         | Amazon Web Services                    | 91    | 9%         |
| 2o7.net               | Omniiture (Adobe)                      | 86    | 9%         |
| cnzz.com              | CNZZ (Alibaba)                         | 83    | 8%         |
| atdmt.com             | Atlas (Microsoft)                      | 77    | 8%         |
| qq.com                | Tencent QQ                             | 77    | 8%         |
| feedburner.com        | FeedBurner (Google)                    | 77    | 8%         |
| baidu.com             | Baidu ProTheme, Union                  | 77    | 8%         |
| revsci.net            | AudienceScience                        | 77    | 8%         |
| flickr.com            | Flickr (Yahoo)                         | 77    | 8%         |
| wordpress.com         | Automattic                             | 51    | 5%         |

**Key**

- Social-networking services
- Advertising/analytics/content services
- Duplicate services



| Domain                | Services                     | Sites | Prevalence |
|-----------------------|------------------------------|-------|------------|
| googleapis.com        | Google APIs                  | 228   | 23%        |
| googlesyndication.com | Google AdSense               | 222   | 22%        |
| google-analytics.com  | Google Analytics             | 207   | 21%        |
| doubleclick.net       | DoubleClick (Google)         | 183   | 18%        |
| googleadservices.com  | Google AdWords               | 158   | 16%        |
| scorecardresearch.com | ScorecardResearch (comScore) | 134   | 13%        |
| quantserve.com        | Quantcast                    | 134   | 13%        |
| addthis.com           | AddThis                      | 121   | 12%        |
| adobe.com             | Adobe Flash                  | 120   | 12%        |
| amazonaws.com         | Amazon Web Services          | 91    | 9%         |
| 2o7.net               | Omniture (Adobe)             | 86    | 9%         |



| Domain          | Services                               | Sites | Prevalence |
|-----------------|--|-------|------------|
| facebook.com    | Facebook                               | 331   | 33%        |
| google.com      | Google Buzz, Custom Search, FeedBurner | 246   | 25%        |
| twitter.com     | Twitter                                | 197   | 20%        |
| youtube.com     | YouTube (Google)                       | 109   | 11%        |
| qq.com          | Tencent QQ                             | 68    | 7%         |
| baidu.com       | Baidu ProTheme, Union                  | 63    | 6%         |
| flickr.com      | Flickr (Yahoo)                         | 57    | 6%         |
| wordpress.com   | Automattic                             | 51    | 5%         |
| gravatar.com    | Gravatar (Automattic)                  | 50    | 5%         |
| yahoo.com       | Yahoo                                  | 46    | 5%         |
| photobucket.com | Photobucket                            | 45    | 5%         |



- **350** services get at least 1% of our browsing activity



- **350** services get at least 1% of our browsing activity
- **33** get at least 5%



- **350** services get at least 1% of our browsing activity
- **33** get at least 5%
- **16** get at least 10%



# Tracking the Trackers



Wednesday, May 18, 2011 As of 12:00 AM

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## TOP STORIES IN Technology



Google Bows to Web Rivals



E\*Trade Taps Morgan Stanley to Review Strategic Options



Flixlab CEO Talks Social Video Creation

TECHNOLOGY | MAY 18, 2011

# 'Like' Button Follows Web Users

Article

Video

Stock Quotes

Comments



Save This



+ More



Text



By AMIR EFRATI

Internet users tap Facebook Inc.'s "Like" and Twitter Inc.'s "Tweet" buttons to share content with friends. But these tools also let their makers collect data about the websites people are visiting.



These so-called social widgets, which appear atop stories on news sites or alongside products on retail sites, notify Facebook and Twitter that a person visited those sites even when users don't click on the buttons, according to a study done for The Wall Street

Source: <http://online.wsj.com/article/SB10001424052748704281504576329441432995616.html>

These widgets are prolific. They have been





Part of complete coverage on

## The Creative

# THE CREATIVE

## Making it harder for ads to track you online

Twitter Share Email

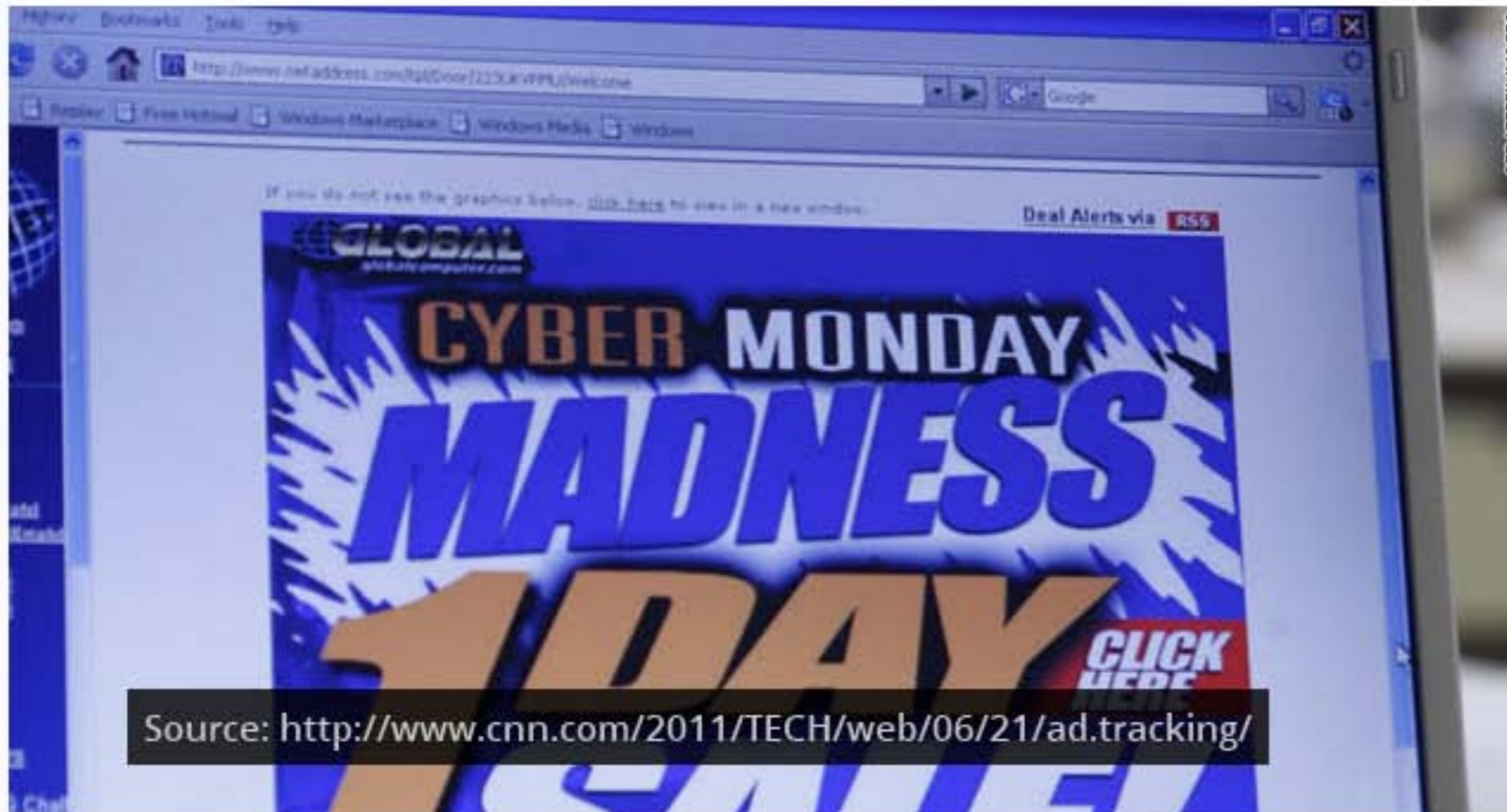


111 people recommend this. Be the first to recommend this to your friends.



By **Mark Milian**, CNN

June 21, 2011 7:13 p.m. EDT | Filed under: [Web](#)



REUTERS IMAGES

Part of complete coverage on

## The Creative

### Why have an ad? Start a movement

updated Thur June 23, 2011



Adman Scott Goodson says brands that align themselves with people's passions have much more impact.

### Guerilla

updated



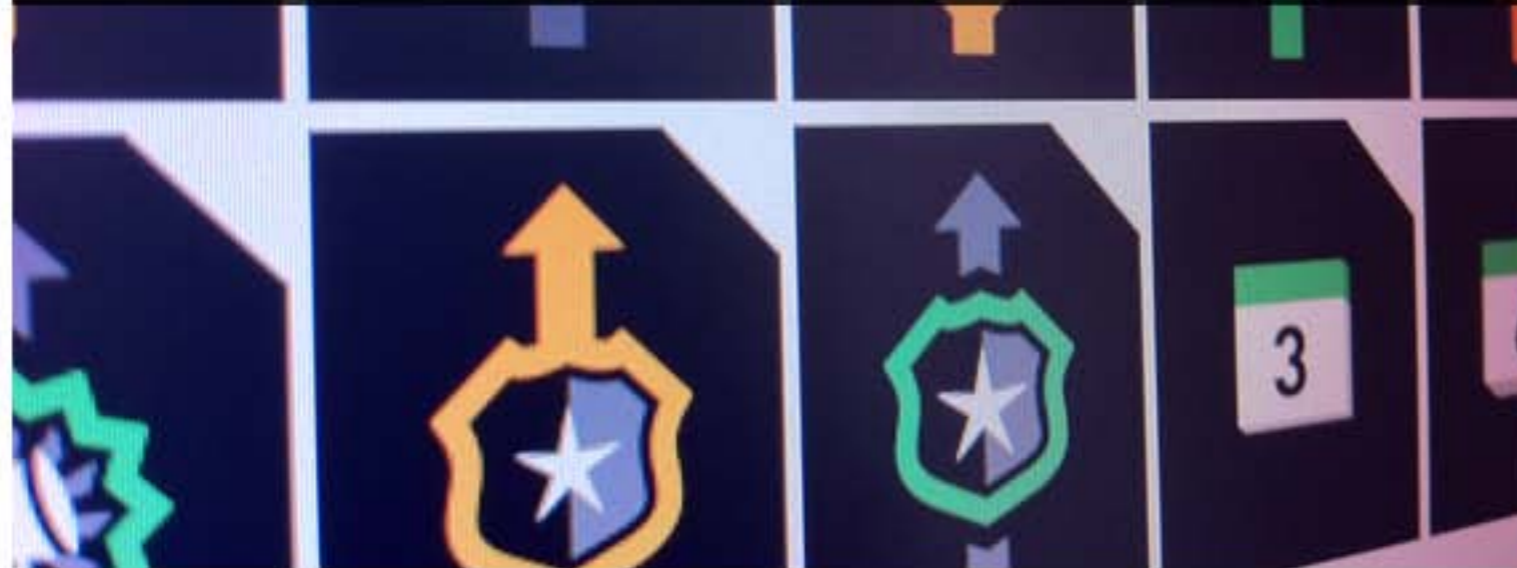
arrested by marketing impact, even if it can get advertisers in trouble.



disconnect.me/db/



## Privacy policies are too complicated. Let's simplify them.



We'd like to help people understand how their data is used on the web by turning the privacy policy of every major site into a small set of icons. You can join us in three easy steps:

### 1. Meet the privacy icons

Go to the **Icons** page to learn about the icon definitions and the Mozilla-led working group doing the defining.

### 2. Apply the privacy icons

Browse or search the **Sites** page and find sites you're interested in, then read the sites' privacy policies and decide which icons match.

### 3. Share your thoughts

What do your favorite sites do with your data? See some examples below or all the sites on the [Sites](#) page.

### Example sites



#### [cnet.com](#)

46 unique third parties  
10.46 third parties / page



#### [imageshack.us](#)

8 unique third parties  
5 third parties / page



#### [facebook.com](#)

4 unique third parties  
2.03 third parties / page



We're dividing the iconification project into manageable chunks, starting with the top 200 websites. Browse or search to find sites you're interested in, then click to view or update their icons. Submit updates as yourself or anonymously and when we publicly launch, your work will be available to everybody under the same Creative Commons license as Wikipedia.

 << Viewing page 1/21 >> 10  per

| Screenshot | Site   | Language | Unique third parties | Third parties / page | Privacy icons |
|------------|--|----------|----------------------|----------------------|---------------|
|            | <a href="http://nih.gov">nih.gov</a>               | English  |                      |                      |               |
|            | <a href="http://hp.com">hp.com</a>                 | English  | 13                   | 1.85                 |               |
|            | <a href="http://mapquest.com">mapquest.com</a>     | English  |                      |                      |               |
|            | <a href="http://megaupload.com">megaupload.com</a> | English  | 2                    | 2                    |               |
|            | <a href="http://flickr.com">flickr.com</a>         | English  | 14                   | 3.24                 |               |
|            | <a href="http://hotmail.com">hotmail.com</a>       | English  | 1                    | 0                    |               |
|            | <a href="http://livedoor.com">livedoor.com</a>     | English  |                      |                      |               |

[View history](#)

## yahoo.com

"Welcome to Yahoo!, the world's most visited home page."

75 third-party trackers

4.86 third parties / page

[Privacy policy](#)

[Update icons](#)

Privacy icons (hover over the icons for details)





## yahoo.com

“Welcome to Yahoo!, the world's most visited home page.”

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4.86 third parties / page

[Privacy policy](#)

Privacy icons (hover over the icons for details)





## Navigation

[Main page](#)[Community portal](#)[Mozilla News](#)[Recent changes](#)[Random page](#)[Help](#)

## Personal tools

[Log in / create account](#)

## Toolbox

[What links here](#)[Related changes](#)[Special pages](#)[Browse properties](#)

## Privacy Icons



### Privacy Icons project (beta release)

Owner: [Ben Moskowitz](#), Mozilla; [Aza Raskin](#)  
(initiator)

Updated: **June 15, 2011**

*"A bolt-on approach to simplifying privacy policies." [Subscribe to the Privacy Icons mailing list](#)*

## The Icons (beta)

Here are the proposed icons. These are the result of a number of working groups convened by Aza Raskin. We are seeking to develop boilerplate legal text to back up each of the icons. The initial designs provided here are by Michael Nieling & Ocupop, designers of the official HTML5 logos. They are not yet final.

### Retention period

Legal short notice: [PrivacyIcons/Retention period](#)

Source: [https://wiki.mozilla.org/Privacy\\_Icons](https://wiki.mozilla.org/Privacy_Icons) Nobody

Your data is deleted before 1, 3, 6, or 18 months



[View history](#)

## yahoo.com

"Welcome to Yahoo!, the world's most visited home page."

75 third-party trackers

4.86 third parties / page

[Privacy policy](#)

[Update icons](#)

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[Privacy policy](#)

[View history](#)

Privacy icons (hover over the icons for details)

[Update icons](#)



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ShareAli

[« Back to site overview](#)

## yahoo.com

“Welcome to Yahoo!, the world's most visited home page.”

75 third-party trackers

4.86 third parties / page

[Privacy policy](#)

## Privacy icons

After reviewing this site's privacy policy, click the appropriate icon for each category. If the appropriate icon is already selected, no changes need to be made. Head to [our forum](#) if you have any questions or want to talk about this site's privacy settings.

Does this site share users' data with advertisers?



Maybe



No



TBD

Does this site barter or sell users' data?



Maybe



No



TBD

Does this site collect users' data for purposes other than the intended ones?



Maybe



TBD

Does this site share users' data with law enforcement?

How long, in months, does this site retain users' data?

## Further Reading



- The Wall Street Journal: [j.mp/tttwsj](http://j.mp/tttwsj)



- The Wall Street Journal: [j.mp/tttwsj](http://j.mp/tttwsj)
- CNN: [j.mp/ttccnn](http://j.mp/ttccnn)



- The Wall Street Journal: [j.mp/tttwsj](http://j.mp/tttwsj)
- CNN: [j.mp/tttcnn](http://j.mp/tttcnn)
- The Disconnect DB: [disconnect.me/db](http://disconnect.me/db)

