

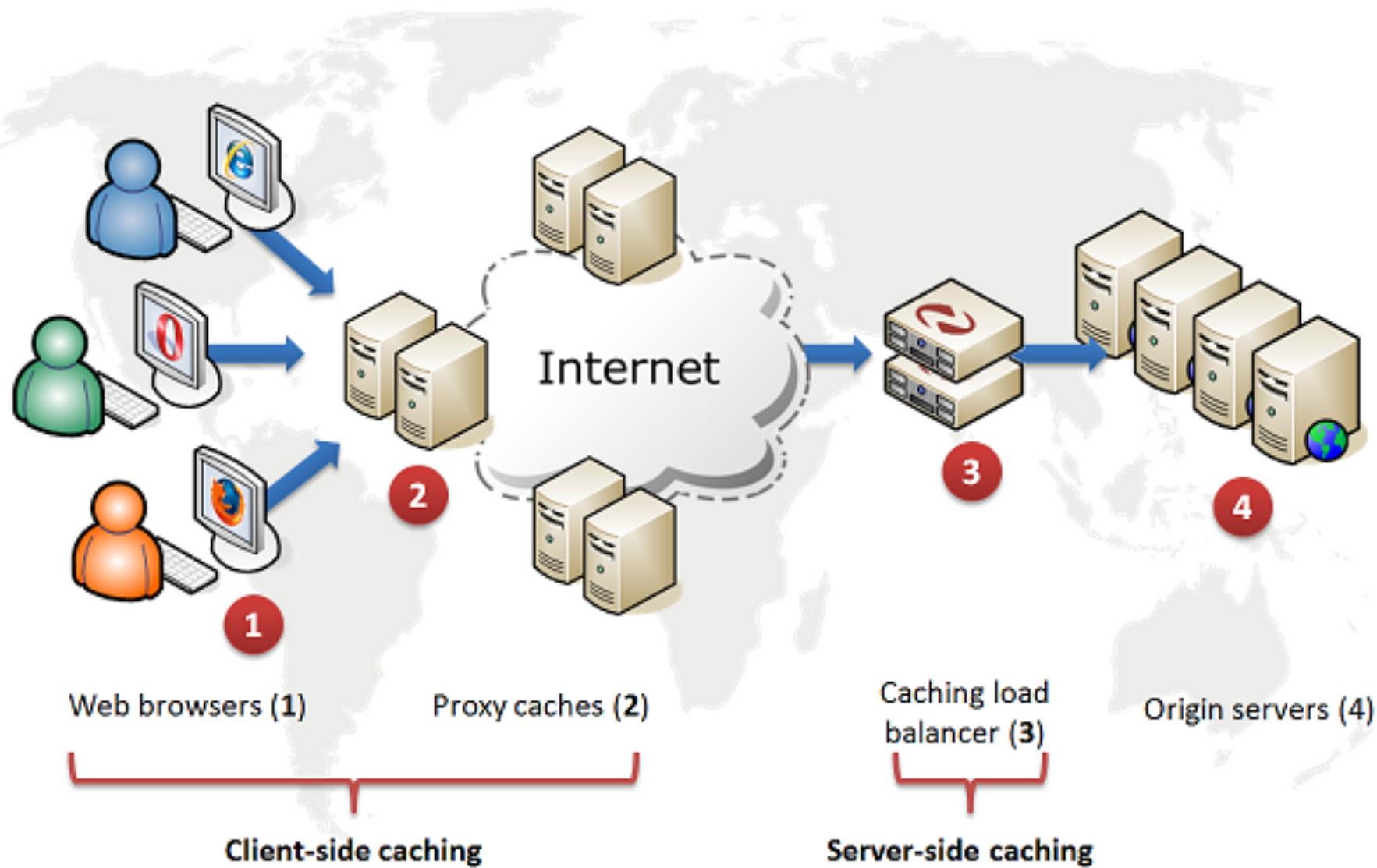
# HOW I LEARNED TO STOP WORRYING AND LOVE FLAT FILES



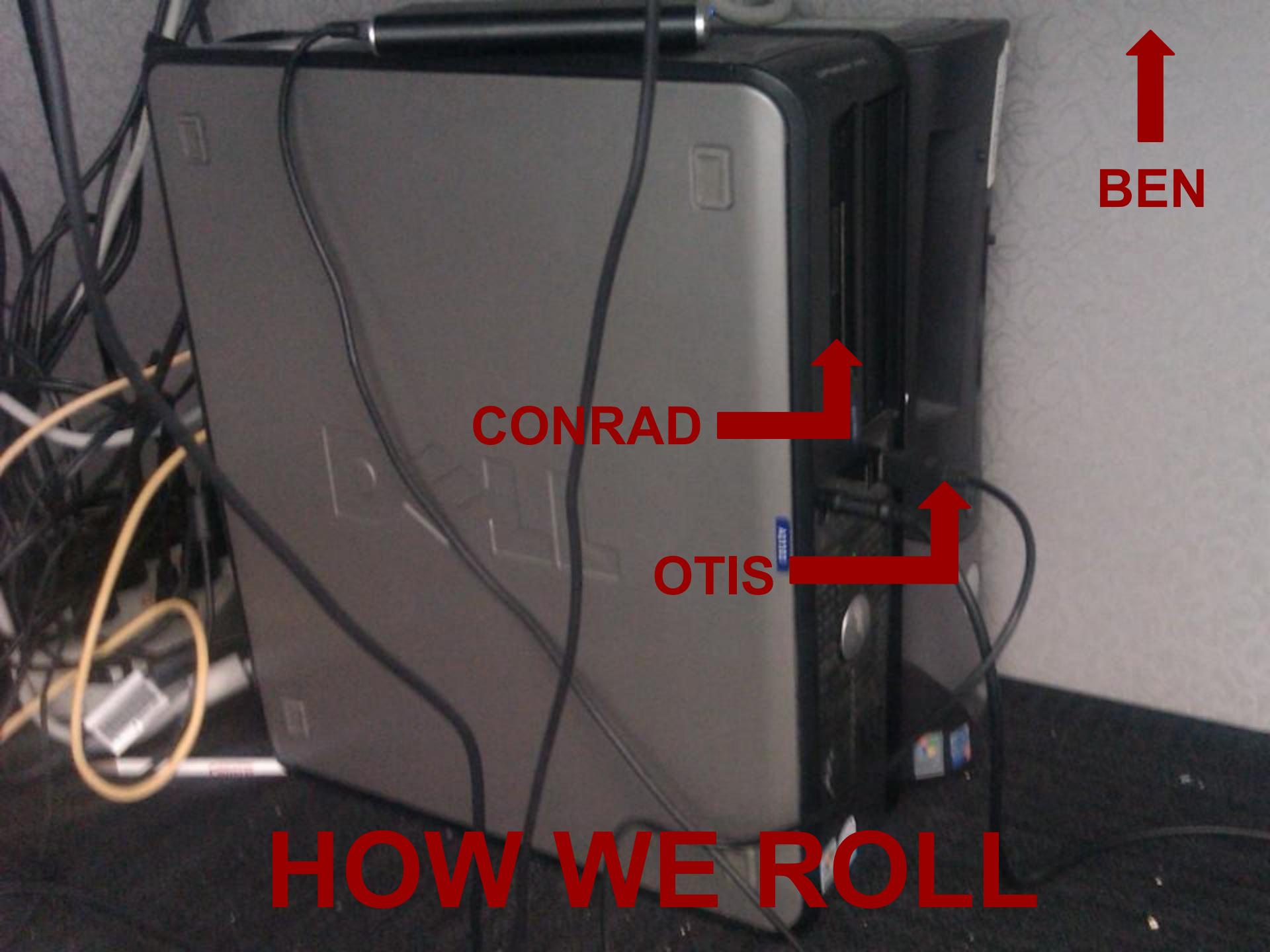
**THIS IS FUNNY**



# THIS IS NOT



# ONE RESPONSE



BEN

CONRAD

OTIS

HOW WE ROLL



**WE CALL IT BAKING**

```
<url>
  <loc>
    http://timelines.latimes.com/whitney-houston-1963-2012/
  </loc>
</url>
<url>
  <loc>
    http://timelines.latimes.com/best-super-bowl-commercials-2012/
  </loc>
</url>
<url>
  <loc>http://timelines.latimes.com/occupy-twitter/</loc>
</url>
<url>
  <loc>
    http://timelines.latimes.com/us-presidential-assassinations-and-attempts/
  </loc>
</url>
<url>
  <loc>
    http://timelines.latimes.com/occupy-la-breaking-news/
  </loc>
</url>
<url>
  <loc>
    http://timelines.latimes.com/occupy-wall-street-movement/
  </loc>
</url>
<url>
  <loc>
    http://timelines.latimes.com/dictators-terrorists-strongmen/
  </loc>
</url>
<url>
  <loc>http://timelines.latimes.com/iraq/</loc>
</url>
<url>
  <loc>http://timelines.latimes.com/autism-is-real/</loc>
</url>
<url>
```

# STEP 1: SAVE EVERY PAGE

```
class TableDetailView(DetailView):
    """
    All about one table.
    """

    template_name = 'table_detail.html'
    queryset = Table.live.all()

    def build_object(self, obj):
        """
        Build a detail page as a flat HTML file.
        """

        # Make a fake request
        self.request = RequestFactory().get("/%s/" % obj.slug)
        # Set the kwargs to fetch this particular object
        self.kwargs = dict(slug=obj.slug)
        # Render the detail page HTML
        html = self.get(self.request).render().content
        # Create the path to save the flat file
        path = os.path.join(settings.BUILD_DIR, obj.slug)
        os.path.exists(path) or os.makedirs(path)
        path = os.path.join(path, 'index.html')
        # Write out the data
        outfile = open(path, 'w')
        outfile.write(html)
        outfile.close()

    def build_queryset(self):
        """
        Build flat HTML files for all of the objects in the queryset.
        """
```

# VIA DIY DJANGO VIEWS

```
# Build index page
self.stdout.write("Building table lists\n")
views.TableListView().build_queryset()

# Build table detail pages
self.stdout.write("Building table detail pages\n")
views.TableDetailView().build_queryset()

# API dumps of tables
self.stdout.write("Building API dumps\n")
api.TableDetailCSVView().build_queryset()
api.TableDetailXLSView().build_queryset()
api.TableDetailJSONView().build_queryset()

# Sitemap
self.stdout.write("Building sitemaps\n")
sitemaps.SitemapView().build_queryset()
```

# BUILDING AS A CHAIN



**STEP 2:**  
**UPLOAD TO WWW**

| Name                                       | Size      | Type           | Date Modified | timelines.latimes.com                      |
|--|-----------|----------------|---------------|--|
| aids                                       | 1 item    | folder         | Fri 03 Feb 20 | Name                                       |
| art-in-context-la-from-1945-to-1980        | 1 item    | folder         | Fri 03 Feb 20 | 404.html                                   |
| autism-history                             | 1 item    | folder         | Fri 03 Feb 20 | heatmeter.latimes.com                      |
| bahrain                                    | 1 item    | folder         | Fri 03 Feb 20 | art-in-context-la-from-1945-to-1980        |
| bell                                       | 1 item    | folder         | Fri 03 Feb 20 | autism-history                             |
| best-superbowl-commercials-2012            | 1 item    | folder         | Fri 03 Feb 20 | bahrain                                    |
| california-high-speed-rail-project         | 1 item    | folder         | Fri 03 Feb 20 | bell                                       |
| conrad-murray                              | 1 item    | folder         | Fri 03 Feb 20 | best-super-bowl-commercials-2012           |
| dictators-terrorists-strongmen             | 1 item    | folder         | Fri 03 Feb 20 | california-high-speed-rail-project         |
| dodgers-divorce                            | 1 item    | folder         | Fri 03 Feb 20 | conrad-murray                              |
| dudamel                                    | 1 item    | folder         | Fri 03 Feb 20 | dictators-terrorists-strongmen             |
| egypt                                      | 1 item    | folder         | Fri 03 Feb 20 | dodgers-divorce                            |
| feeds                                      | 1 item    | folder         | Fri 03 Feb 20 | dudamel                                    |
| female-movies                              | 1 item    | folder         | Fri 03 Feb 20 | egypt                                      |
| iraq                                       | 1 item    | folder         | Fri 03 Feb 20 | favicon.ico                                |
| libya                                      | 1 item    | folder         | Fri 03 Feb 20 | feeds                                      |
| mandela                                    | 1 item    | folder         | Fri 03 Feb 20 | female-movies                              |
| media                                      | 3 items   | folder         | Fri 03 Feb 20 | iraq                                       |
| michael-jackson                            | 1 item    | folder         | Fri 03 Feb 20 | index.html                                 |
| motherhood                                 | 1 item    | folder         | Fri 03 Feb 20 | libya                                      |
| occupy-la-breaking-news                    | 1 item    | folder         | Fri 03 Feb 20 | mandela                                    |
| occupy-wall-street-movement                | 1 item    | folder         | Fri 03 Feb 20 | media                                      |
| osama                                      | 1 item    | folder         | Fri 03 Feb 20 | michael-jackson                            |
| path-to-bin-laden                          | 1 item    | folder         | Fri 03 Feb 20 | motherhood                                 |
| richard-turley                             | 1 item    | folder         | Fri 03 Feb 20 | occupy-la-breaking-news                    |
| static                                     | 4 items   | folder         | Fri 03 Feb 20 | occupy-wall-street-movement                |
| steve-jobs                                 | 1 item    | folder         | Fri 03 Feb 20 | osama                                      |
| syria                                      | 1 item    | folder         | Fri 03 Feb 20 | path-to-bin-laden                          |
| ted-kennedy                                | 1 item    | folder         | Fri 03 Feb 20 | richard-turley                             |
| terror-targets                             | 1 item    | folder         | Fri 03 Feb 20 | static                                     |
| tunisia                                    | 1 item    | folder         | Fri 03 Feb 20 | steve-jobs                                 |
| us-presidential-assassinations-and-attempt | 1 item    | folder         | Fri 03 Feb 20 | syria                                      |
| windsor-wedding                            | 1 item    | folder         | Fri 03 Feb 20 | ted-kennedy                                |
| yemen                                      | 1 item    | folder         | Fri 03 Feb 20 | terror-targets                             |
| 404.html                                   | 40.8 kB   | HTML document  | Fri 03 Feb 20 | tunisia                                    |
| favicon.ico                                | 147 bytes | Microsoft icon | Fri 28 Oct 20 | us-presidential-assassinations-and-attempt |

**FOLDER->BUCKET**

# Pros

- No site crashes
- Skip app optimization
- Zero server config
- Bandwidth is cheap
- Less stress (!!!)
- Offline admins are more secure

# Cons

- You have to build the bakery (We're working on making this easier)
- No online database means all read, no write. (no UGC, no searches, etc.)



# Iowa GOP Caucuses

Jan. 3, 2012

Select a state ▾

99.5% precincts reporting (1,766/1,774) | 12:29 p.m. PST

Percent Delegates\*



Santorum  
29,839 votes

24.6% 13



Romney  
29,805 votes

24.5% 12



Paul  
26,036 votes

21.4% 0



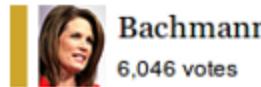
Gingrich  
16,163 votes

13.3% 0



Perry  
12,557 votes

10.3% 0



Bachmann  
6,046 votes

5.0% 0



Huntsman  
739 votes

0.6% 0



Other  
316 votes

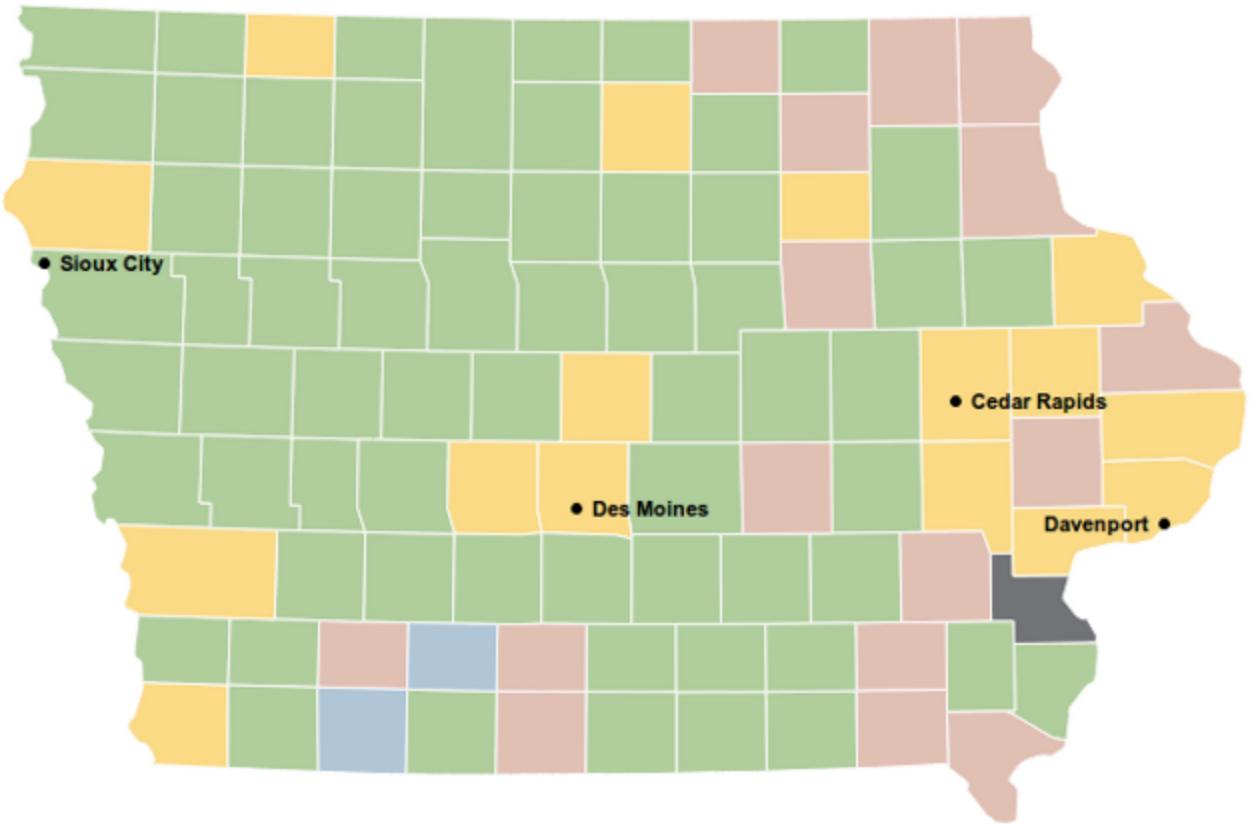
0.3% 0

\* Although the Iowa caucus results do not technically guarantee delegates for any candidate, the Associated Press is providing estimates for 25 of the 28 delegates. Three others are chosen by party leaders.

Leader by county

Margin by county

At stake: 28 of 2,286 primary delegates



No votes in Tie

[Tweet](#) 651 [Recommend](#) 592

Who lives there and how they vote

Dem 49.4%

White 88.7%

Latino 5.0%

Percent of U.S. population

Iowa 3.0 million

Percent registered

Dem 32.7%

Primary results

GOP 31.0%

Obama 54.2%

McCain 44.6%

1.0%

# GOOD FOR ELECTIONS

# The life and work of Steve Jobs

[Tweet 158](#)[Like 2k](#)

Steven P. Jobs, the charismatic technology pioneer who co-founded Apple Inc. and transformed one industry after another, from computers and smartphones to music and movies, died at age 56 after a long battle against pancreatic cancer.

## RELATED ITEMS

Photos: [Steve Jobs, a life in pictures](#)

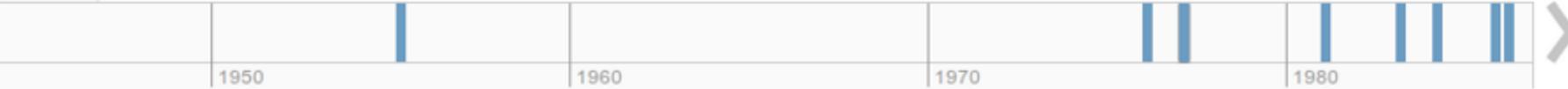
Story: [Steve Jobs dies; Apple's co-founder transformed computers and culture](#)

Document: [Steve Jobs' FBI file](#)



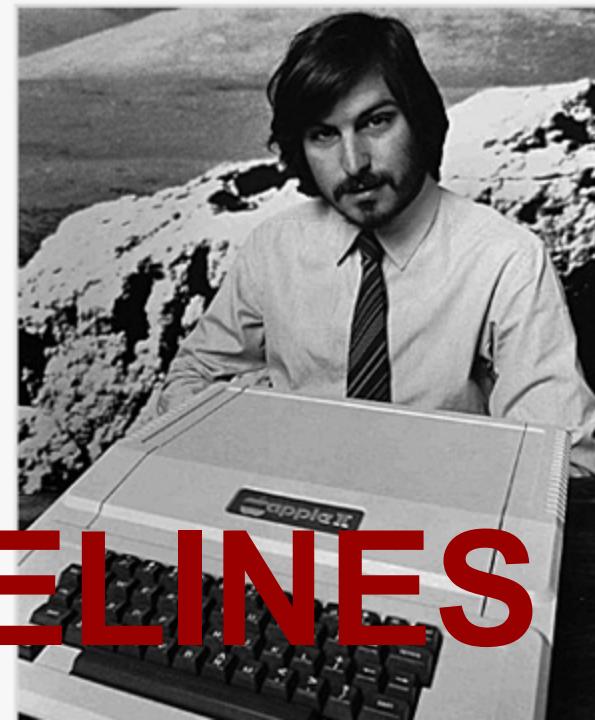
Key events

Click or drag to advance



**1977**

The first Apple II computers go on sale for \$1,295 and become an instant hit. The Apple II is the first computer to display color images and the first to come with a keyboard, and in 1979 it becomes the first to offer a "killer app" – Visicalc – a spreadsheet program.



# TIMELINES

# Demographics of draft L.A. Council districts



4

A city commission has proposed changes to the lines that define Los Angeles City Council districts. The public will have five weeks to review the maps and comment before the panel's final vote and a plan goes to the City Council for consideration. The table below shows the demographic breakdown of the proposed draft.

## RELATED ITEMS

Database: [L.A. City Council redistricting, before and after](#)

Story: [Redistricting map shakes up L.A. political landscape](#)

Search:

Published: *Jan. 25, 2012* Download: [CSV](#) | [XLS](#) | [JSON](#)

| District | Current Representative | White<br>(Current) | White<br>(Draft) | Latino<br>(Current) | Latino<br>(Draft) | Black<br>(Current) | Black<br>(Draft) | Asian<br>(Current) | Asian<br>(Draft) | Other<br>(Current) | Other<br>(Draft) |
|----------|------------------------|--------------------|------------------|---------------------|-------------------|--------------------|------------------|--------------------|------------------|--------------------|------------------|
| 1        | Ed P. Reyes            | 6.2%               | 7.6%             | 72.7%               | 71.9%             | 3.0%               | 2.9%             | 17.2%              | 16.6%            | 0.9%               | 0.9%             |
| 2        | Paul Krekorian         | 52.6%              | 43.2%            | 33.5%               | 42.9%             | 4.0%               | 4.7%             | 8.4%               | 7.7%             | 1.5%               | 1.5%             |
| 3        | Dennis P. Zine         | 46.8%              | 43.1%            | 33.9%               | 37.5%             | 4.3%               | 4.6%             | 13.5%              | 13.4%            | 1.4%               | 1.4%             |
| 4        | Tom LaBonge            | 47.9%              | 67.0%            | 24.2%               | 17.3%             | 5.6%               | 4.5%             | 20.7%              | 9.6%             | 1.6%               | 1.6%             |
| 5        | Paul Koretz            | 72.1%              | 60.4%            | 8.9%                | 12.3%             | 3.5%               | 4.4%             | 14.1%              | 21.4%            | 1.5%               | 1.5%             |
| 6        | Tony Cardenas          | 15.5%              | 15.4%            | 71.0%               | 70.9%             | 3.4%               | 3.1%             | 8.9%               | 9.4%             | 1.1%               | 1.1%             |
| 7        | Richard Alarcon        | 8.6%               | 18.3%            | 79.5%               | 70.2%             | 4.1%               | 3.9%             | 6.8%               | 6.6%             | 0.9%               | 1.0%             |
| 8        | Bernard C. Parks       | 4.2%               | 9.6%             | 49.1%               | 46.8%             | 41.7%              | 37.1%            | 3.2%               | 4.6%             | 1.8%               | 1.8%             |
| 9        | Jan Perry              | 3.6%               | 1.3%             | 75.5%               | 78.5%             | 16.3%              | 18.3%            | 3.7%               | 1.0%             | 0.9%               | 0.8%             |
| 10       | Herb J. Wesson, Jr.    | 10.1%              | 7.2%             | 48.4%               | 49.0%             | 24.2%              | 26.5%            | 15.5%              | 15.5%            | 1.9%               | 1.8%             |
| 11       | Bill Rosendahl         | 58.7%              | 58.2%            | 19.3%               | 19.5%             | 5.7%               | 4.8%             | 14.4%              | 15.7%            | 1.8%               | 1.8%             |
| 12       | Mitchell Englander     | 44.7%              | 48.0%            | 20.2%               | 26.5%             | 4.8%               | 4.5%             | 8.9%               | 19.4%            | 1.6%               | 1.6%             |
| 13       | Eric Garcetti          | 41.2%              | 19.2%            | 27.6%               | 56.8%             | 3.3%               | 3%               | 7.2%               | 10.1%            | 1.3%               | 1.3%             |
| 14       | José Huizar            | 12.4%              | 11.6%            | 71.0%               | 69.5%             | 3.9%               | 6.3%             | 11.8%              | 11.6%            | 1.0%               | 1.0%             |

**INTERACTIVE TABLES**

## FBI file on Christopher “Notorious B.I.G.” Wallace

[Tweet](#)

The FBI has released hundreds of pages of records from their investigation into the 1997 slaying of rapper Notorious B.I.G. The records, which contain FBI files spanning eight years, come from a civil rights probe the bureau launched into the killing. The records were posted on [the FBI's website](#) and are heavily redacted. [Read more »](#)

— Robert Faturechi (April 6, 2011)

DOCUMENT PAGES NOTES TEXT Zoom Search

p. 1

J-7-1 (Rev 4-14-03)

## ATTENTION

The following documents appearing in FBI files have been reviewed under the provisions of The Freedom of Information Act (FOIA) (Title 5, United States Code, Section 552); Privacy Act of 1974 (PA) (Title 5, United States Code, Section 552a); and/or Litigation.

FOIA/PA      b6       Litigation       Executive Order Applied

Requester: \_\_\_\_\_ b7C \_\_\_\_\_  
Subject: \_\_\_\_\_  
Computer or Case Identification Number: \_\_\_\_\_  
Title of Case: \_\_\_\_\_ Section \_\_\_\_\_  
\* File: \_\_\_\_\_  
Serials Reviewed: \_\_\_\_\_  
  
Release Location: \*File \_\_\_\_\_ Section \_\_\_\_\_  
  
This file section has been scanned into the FOIPA Document Processing System (FDPS) prior to National Security Classification review. Please see the documents located in the FDPS for current classification action, if warranted. Direct inquiries about the FDPS to RIDS Service Request Unit [REDACTED]

File Number: 194C-LA-232722      Section 1  
Serial(s) Reviewed: All

FOIPA Requester: \_\_\_\_\_  
FOIPA Subject: \_\_\_\_\_  
FOIPA Computer Number: 160-308-1

File Number: \_\_\_\_\_  
Serial(s) Reviewed: \_\_\_\_\_  
FOIPA Requester: \_\_\_\_\_

**DOCUMENTS**

Description of Wallace's death  
Wallace was killed by a 9mm gun with "very rare Gecko 9mm ammunition"  
The FBI's chronology of events  
Possible sources of the rare ammunition  
Property recovered includes "marijuana, three condoms and asthma inhaler"  
  
[Original Document \(PDF\) »](#)  
[Print Notes »](#)  
Contributed by: Ben Welsh, Los Angeles Times

DocumentCloud

## Description of Wallace's death

Wallace was killed by a 9mm gun with "very rare Gecko 9mm ammunition"

## The FBI's chronology of events

#### Possible sources of the rare ammunition

**Property recovered includes  
"marijuana, three condoms and asthma  
inhaler"**

[Original Document \(PDF\)](#)

[Print Notes >](#)

Contributed by: Ben Welsh, Los Angeles Times

DocumentCloud

# DOCUMENTS

# Introducing python-elections

Process AP elections data more easily with this new open-source library.



DATA - 2011 - LIMA - VILLELA - 1387 - 8191 - 61621.

Who's too hot to stop this awards season?

# HEATMETER

Last updated Feb. 8, 2012

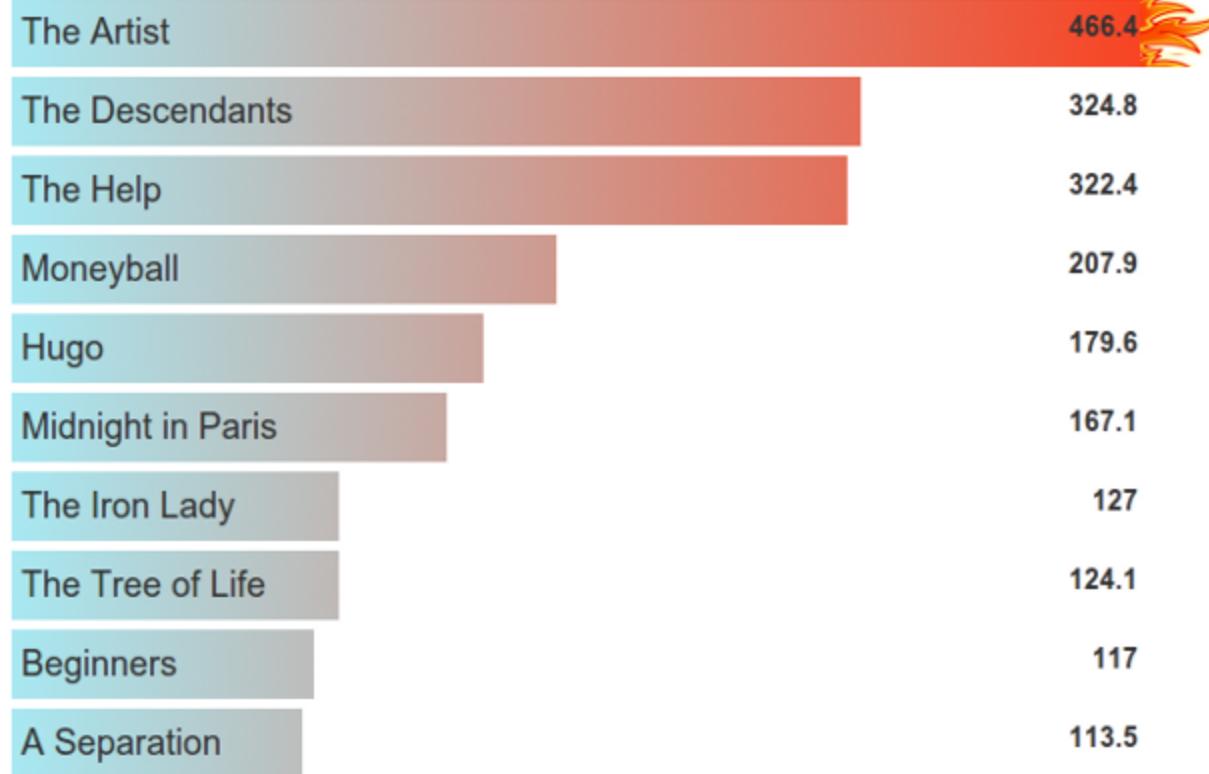
Overview ▾

 Tweet 9

 Like 13

## Films

The overall points accumulated to date for each film based on all available categories



## What is the Heatmeter?

The Heatmeter applies a little statistics to the punditry of the movie awards season. The Times has assigned values to specific nominations and awards so they can be totaled during the season to monitor the awards momentum of any actor, film or other contender at a glance.

[Learn more »](#)

advertisement

 2012 Chevrolet Volt  
Low-mileage lease example for well-qualified lessees.  
**\$369 PER MONTH**  
**FOR 36 MONTHS<sup>1</sup>**  
w/ \$0 due at signing.  
Mileage charge of \$0.20/mile over 36,000 miles. Includes security deposit. Tax, title, license and dealer fees are extra. Take delivery by 2/29/12.

1. Example based on MSRP. Each dealer sets its own price. Your payments may vary. Payments are for a 2012 Volt with an MSRP of \$39,995 (as shown, \$41,585) which includes destination freight charge. Monthly payments total \$12,906 (as shown, \$387 per month; total payment \$13,535.85). Option purchase at lease end for an amount to be determined at lease signing. Mileage charge of \$0.20/mile over 36,000 miles. Ally Financial, Inc. must approve lease. Lessee pays for excess wear. Payments may be higher in some states. Not available with other offers. Residency restrictions apply. Includes benefit of tax credit, which benefits the lessor.



## Studios

The overall points accumulated to date for each of the studios' awards season releases.

Weinstein

719.2 

# SPECIAL PROJECTS

## Latest News

Did we always love Whitney Houston?

CBS' Grammy show ranks No. 2 all-time with 39 million viewers

# DATA BANK

Feb. 13, 2012 :: <http://databank.latimes.com>



Documents



Timelines



Graphics



Spreadsheets



Emergency staff locator



L.A. County salaries

## ALL FROM ADMIN INSIDE VPN

## datadesk / django-bakery

Admin

Watch

Fork

Pull Request

1

1

**Code**

Network

Pull Requests

0

Issues

0

Wiki

0

Stats &amp; Graphs

A set of helpers for creating a flat-file representation of your Django site. — [Read more](#)

ZIP

SSH

HTTP

Git Read-Only

git@github.com:datadesk/django-bakery.git



Read+Write access

branch: **master** ▾**Files**

Commits

Branches 2

Tags

Downloads

🕒 Latest commit to the **master** branch

Made the instantiation of the string view class look more like it doe... + ...

Schwanksta authored 9 days ago

commit 2ba97d5eeb

[django-bakery](#) /

| name | age | message | history |
|------|-----|---------|---------|
|------|-----|---------|---------|

management 9 days ago Made the instantiation of the string view class look more like it doe... [Schwanksta]

.gitignore 10 days ago Added cursory intructions to the README and added a gitignore [Schwanksta]

README.textile 10 days ago Added cursory intructions to the README and added a gitignore [Schwanksta]

\_\_init\_\_.py 19 days ago First commit [Schwanksta]

models.py 19 days ago Multipled det... views and added a method to add the views to base i... [Schwanksta]

views.py 19 days ago First commit [Schwanksta]

# NOW YOU CAN TOO!

```
from bakery.views import BuildableDetailView
from models import Album, Band

class AlbumDetail(BuildableDetailView):
    queryset = Album.objects.all()

class BandDetail(BuildableDetailView):
    queryset = Band.objects.all()
```

# WITH THESE CLASSES

**<http://lat.ms/flatfiles>**