



Jonathan Trevor
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YAHOO!

Apt near Park

How do you find an apartment *near* a park?

Apt near Park

- Craigslist apartment listings
 - For each apartment:
 - Click on map link
 - Check distance to a park on the map
- Tedious

Apt near Park

- Data is available
 - Craigslist apartment RSS feed
 - Yahoo! Local API to find Parks
- Can do it in about 50 lines of Perl code

```
#!/usr/bin/perl -w
use strict;
use LWP::Simple;
use XML::Simple;
...
```


Apt near Park

- Basically combine feeds + web services
- Yet another custom mashup
 - HousingMaps, ChicagoCrime, ...
- Would be nice if there was an easier way...

Pipes

```
grep -iv yahoo.com squid.log |  
sort | uniq -c | sort -n >  
top_sources.txt
```

- Unix Pipes for the Web
- Build useful applications from simple primitives

Pipes

- A free service that lets you remix and create data mashups using a visual editor
- No need to host, we do it for you

Craigslist

Yahoo! Local

Pipes

- A free service that lets you remix and create data mashups using a visual editor
- No need to host, we do it for you



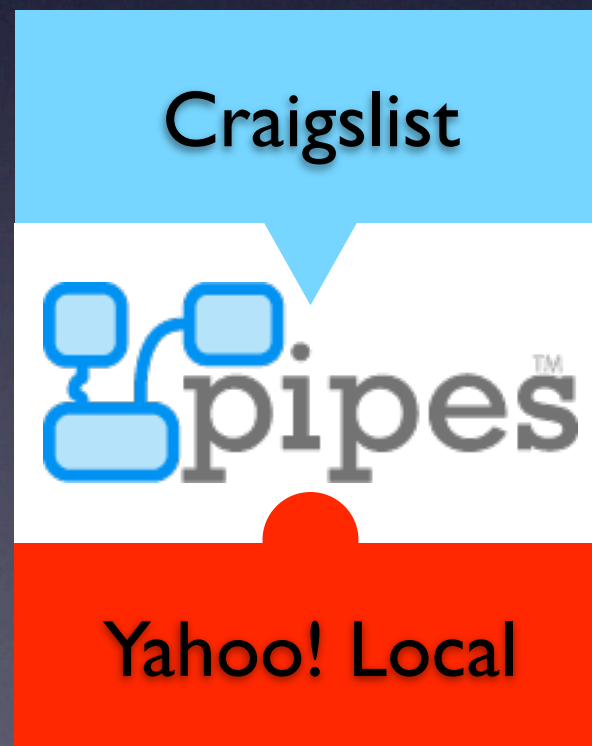
Craigslist

The diagram illustrates a data pipeline. A light blue speech bubble containing the text 'Craigslist' is positioned above a red rectangular box containing the text 'Yahoo! Local'. A small red circle is located at the top center of the red box, and a thin line connects this circle to the bottom of the blue bubble, representing the data flow.

Yahoo! Local

Pipes

- A free service that lets you remix and create data mashups using a visual editor
- No need to host, we do it for you



Demo

The screenshot shows the Pipes web application interface. The browser address bar displays the URL: `http://pipes.yahoo.com/pipes/1mrlk8232xGjJDdwXqlxGw/edit?opendesc=true`. The page title is "Pipes: editing 'Apartment Near Something'".

The interface includes a sidebar with categories: Sources, User inputs, Operators, Url, String, Date, and My pipes. The "Sources" category is expanded, showing options like Yahoo! Search, Yahoo! Local, Fetch, Google Base, and Flickr.

The main workspace displays a workflow diagram with the following modules:

- Location Extractor**: Receives input from a "url" module.
- Filter**: Configured with "Permit" items that match "all" of the following rules. One rule is "v:title" is greater than 80.
- For Each: Annotate**: Configured to "For each item in input feed, set attribute nearby to first item output from Yahoo! Local".
- Near what (text)**: Configured with Name: what, Prompt: Near what, Position: 2, Default: parks, and Debug: parks.
- Minimum distance (num)**: Configured with Name: mindist, Prompt: Minimum distance, Position: 3, and Debug: Location Extractor (25 items).

The output of the workflow is displayed at the bottom, showing a list of apartment listings with details like location, price, and features. The time taken for the operation is 0.632322s.

Flickr
This module searches Flickr for images using the supplied parameters. Users can refine the search by entering keywords, the number of desired results, and a location. The string in the input boxes can be entered manually or piped in from a User Input module.
Example: [Using the Flickr Module](#)

Time taken: 0.632322s [Refresh](#)

- Looking for a room on the peninsula (palo alto) \$800
- Palo Alto Executive Living, 2Beds/1Bath/Garage (mountain view) \$1600 2bd
- Prime Executive Living in Palo Alto (los altos) \$1600 2bd
- 2Beds/1Bath:Private Garage/Balcony etc. (palo alto) \$1600 2bd
- Renovated Apartments Now Renting!! (palo alto) \$1731 2bd
- Private Cottage furnished room avai.April,1 (palo alto) \$800
- GREAT LOCATION LOTS OF LIGHT IN PALO ALTO 2BD/2BTH (palo alto) \$1845 2bd
- **** AVAILABLE In MARCH **** (mountain view) \$1795 2bd
- Office space on El Camino in Palo Alto (palo alto) \$1400 920sqft
- PALO ALTO PLAZA GATED COM,GE APPL,POOL,SPA,FIT CTR, SUNNY FREE WI-FI (palo alto) \$1395
- Business: Auto Repair Shop for Sale (mountain view) \$80000 2500sqft

Apartment near Something

Piecing things together
in the cloud

Any Input

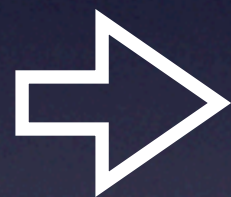
Craigslist

Yahoo!

Google

Ebay

Your data
here!



Any Output

Any Output

Apartment Near Something

feed://pipes.yahoo.com/pipes/pipe.run?what=park&mindist=2&location=san+francisco%20RSS

Inquisitor

Apartment Near Something

6 Total

1 br available is 3br/1ba victorian (central and close to water) (SOMA / south beach) \$7... Today, 07:38 PM

Hello,

We are going to have an opening in a 3 bedroom victorian style apt. Rent for the available room is \$771.27/mo with a deposit of \$771.27 (the two occupied rooms are \$721.27 and \$771.27, for a total rent of \$2263.81). House bills run roughly \$55/person/mo + about \$35 for cleaning services. Move-in date is April 1st and we're looking for someone to stay for the month.

THE LOCATION: SOMA - We're nestled in a loft filled alley called Lansing which is off of 1st btw Folsom and Harrison. It's very close to all modes of transportation (transbay terminal, Montgomery or Embarcadero bart, caltrain, highway 80/baybridge). 15 min walk to the financial district, ~20 commute to eastbay, and right in the middle of many SOMA offices.

PARKING: street parking is fairly easy to come by, although it can be a bit difficult if you commute on a daily basis. A parking permit is recommended, which costs \$60/yr.

AMENITIES: The room is approx 13"x14" (seen in top 2 pics below), large built-in dresser and cupboards, no closet but it does have an armoire. The room gets a good amount of sunlight. We also have a large shared walk-in storage closet in the hallway. Hardwood floors throughout. We have a new washer and dryer, all new kitchen appliances, and a nice claw foot tub in the bathroom. All rooms have cable tv hook-up and also wireless cable internet access. Shared rooms include the kitchen, living room, and one bathroom.

ROOMIES: I'm a graphic designer, working at a law firm doing their marketing and PR. In my free time I love salsa dancing and hiking. I also have a very sweet and playful medium hair cat, Gauguin. He's still fairly young and has a lot of energy. He loves being around people and often makes his presence well know, although he's not a lap cat. Ying is a grad student at Berkeley. She also enjoys hiking and camping and the occasional shopping spree. We've been roommates for about a year and a half now and get along great (we also happen to have a great relationship with the landlord). We're both fairly laid back with easy going personalities. From time to time we have dinners together and also go out to movies, the theater or concerts. We're both in our early 30's. We don't smoke (anything!) or do any drugs and we will expect the same from our new roomie. We occasionally have small get-togethers with friends at the apt, but no major parties.

YOU: Please tell us a little about yourself... Your age (preferably in your 30's), what you do for a living, what you like to do for fun, your personality type, what type of roommate situation you're looking for, do you like cats, have you lived with a cat before.

We look forward to hearing from you!

Thanks,

Chantal & Ying [Read more...](#)

1br APRIL RENT FREE!!! One year lease (haight ashbury) \$825 Today, 07:30 PM

This is a 4br house and I am leaving the state at the beginning of April. There is a new lease coming up at the beginning of May. You can move in as soon as April 7th and not pay for April. You will be living with a third year law student at Hastings and two other roommates. This is a PRIME location for USF students. It is on Oak St two blocks down from Cha Cha Cha's. Security deposit is \$1650. Street parking is available. This is a beautiful location in the Upper Haight and a close walk to school. Laundry included, hardwood floors, granite countertops, backyard, really nice landlord, and close muni access. Please contact by email asap to set up appointments. [Read more...](#)

Search Articles:

Article Length:

Sort By:

[Date](#)

[Title](#)

[Source](#)

[New](#)

Recent Articles:

[All](#)

[Today](#)

[Yesterday](#)

[Last Seven Days](#)

[This Month](#)

[Last Month](#)

Source:

Apartment Near So...

Actions:

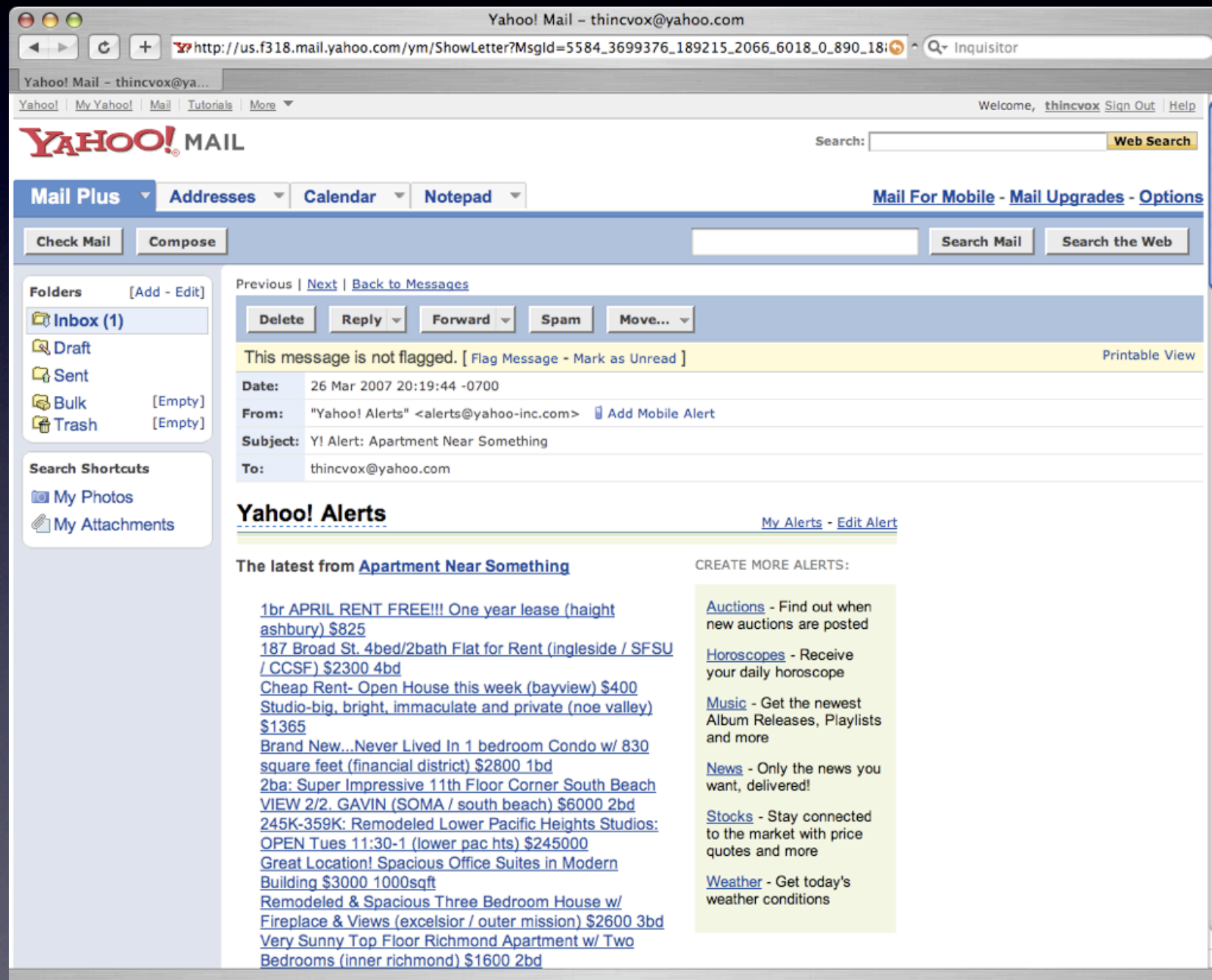
[Mail Link to This Page](#)

[Add Bookmark...](#)

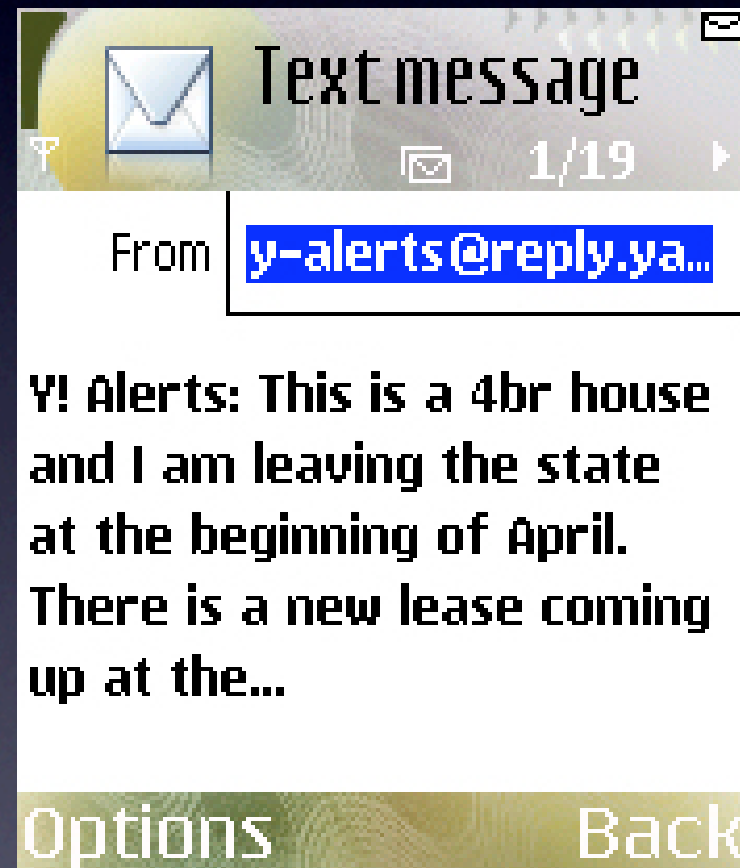
Any Output

```
pipe.run
1 {"count":6,"value":{"title":"Apartment Near Something","description":"Ever wanted to find an
. apartment close to a park, a school or Whole Foods? Now you
. can...","link":"http://pipes.yahoo.com/pipes/pipe.info?_id=1mrlk8232xGjJdWxqIxGw","pubDate":"M
. on, 26 Mar 2007 19:58:58
. -0700","generator":"http://pipes.yahoo.com/pipes/","callback":"","items":[{"link":"http://sfb
. ay.craigslist.org/sfc/roo/301061840.html","nearby":{"link":"http://local.yahoo.com/details?id=
. 21370452&stx=park&csz=San+Francisco+CA&ed=SGNhwa160SyE3VbtIOu6sVNhreovG.xE4iq9Wwpss_u1ys
. Nsnh6A8aFZFoTJ_.Fxoro7edIk","Categories":{"Category":[{"content":"Tourist
. Attractions","id":"96926026"}, {"content":"Outdoor
. Parks","id":"96928354"}]},"BusinessClickUrl":"http://www.sfgov.org/","Rating":{"LastReviewIntro"
. : "Golden Gate Park is a great place to go check out and visit anytime! See the Chinese Garden, the
. Japanese Garden, the great American Bison, the Conservatory of Flowers, the Dutch windmill
. w/flowers and or many of the other things in the park...and then go just down the road a bit to
. check out Ocean Beach when you are all
. done.","TotalRatings":7,"LastReviewDate":"1172972754","AverageRating":4,"TotalReviews":3},"y:
. location":{"country":null,"city":"San Francisco","lat":"37.772735","street":"501 Stanyan
. St","postal":null,"lon":"-122.454438","quality":100,"state":"CA"},"Distance":0.12,"Phone":(415
. )
. 831-2700","ClickUrl":"http://local.yahoo.com/details?id=21370452&stx=park&csz=San+Franci
. sco+CA&ed=SGNhwa160SyE3VbtIOu6sVNhreovG.xE4iq9Wwpss_u1ysNsnh6A8aFZFoTJ_.Fxoro7edIk","MapUrl":"ht
. tp://maps.yahoo.com/maps_result?name=Golden+Gate+Park+-+San+Francisco&desc=4158312700&csz
. =San+Francisco+CA&qty=9&cs=9&ed=SGNhwa160SyE3VbtIOu6sVNhreovG.xE4iq9Wwpss_u1ysNsnh6A8aFZ
. FoTJ_.Fxoro7edIk&gid1=21370452","BusinessUrl":"http://www.sfgov.org/","id":"21370452","title"
. : "Golden Gate Park - San Francisco"},"dc:title":"1br APRIL RENT FREE!!! One year lease (haight
. ashbury)
. $825","dc:type":"text","dc:date":"2007-03-26T19:30:15-07:00","dc:language":"en-us","description":"T
. his is a 4br house and I am leaving the state at the beginning of April. There is a new lease coming
. up at the beginning of May. You can move in as soon as April 7th and not pay for April. You will be
. living with a third year law student at Hastings and two other roommates. This is a PRIME location
. for USF students. It is on Oak St two blocks down from Cha Cha Cha&#39;s. Security deposit is
. $1650. Street parking is available. This is a beautiful location in the Upper Haight and a close
. walk to school. <br>\nLaundry included, hardwood floors, granite countertops, backyard, really nice
. landlord, and close muni access. Please contact by email asap to set up
. appointments.","y:location":{"country":"United States","street":"2019 Oak
. St","lat":"37.771179","postal":"94117","state":"CA","city":"San
. Francisco","lon":"-122.452583","quality":87},"dc:rights":"Copyright \u00a9 2007 craigslist,
. inc.", "rdf:about":"http://sfbay.craigslist.org/sfc/roo/301061840.html","y:title":"1br APRIL
. RENT FREE!!! One year lease (haight ashbury)
. $825","dc:source":"http://sfbay.craigslist.org/sfc/roo/301061840.html","title":"1br APRIL RENT
. FREE!!! One year lease (haight ashbury)
. $825","pubDate":"2007-03-26T19:30:15-07:00","y:published":{"hour":2,"timezone":"UTC","second":15
. ,"month":3,"minute":30,"utime":"1174962615","day":27,"day_of_week":2,"year":2007},"geo:la
. t":37.771179,"geo:long":-122.452583},"link":"http://sfbay.craigslist.org/sfc/apa/301061385.htm
. l","nearby":{"link":"http://local.yahoo.com/details?id=2134331&stx=park&csz=+CA&ed=C
```


Any Output



Any Output



Any Output

The image shows a screenshot of the Widgetbox website's 'Make a Blidget' interface, overlaid with a preview of the widget being created.

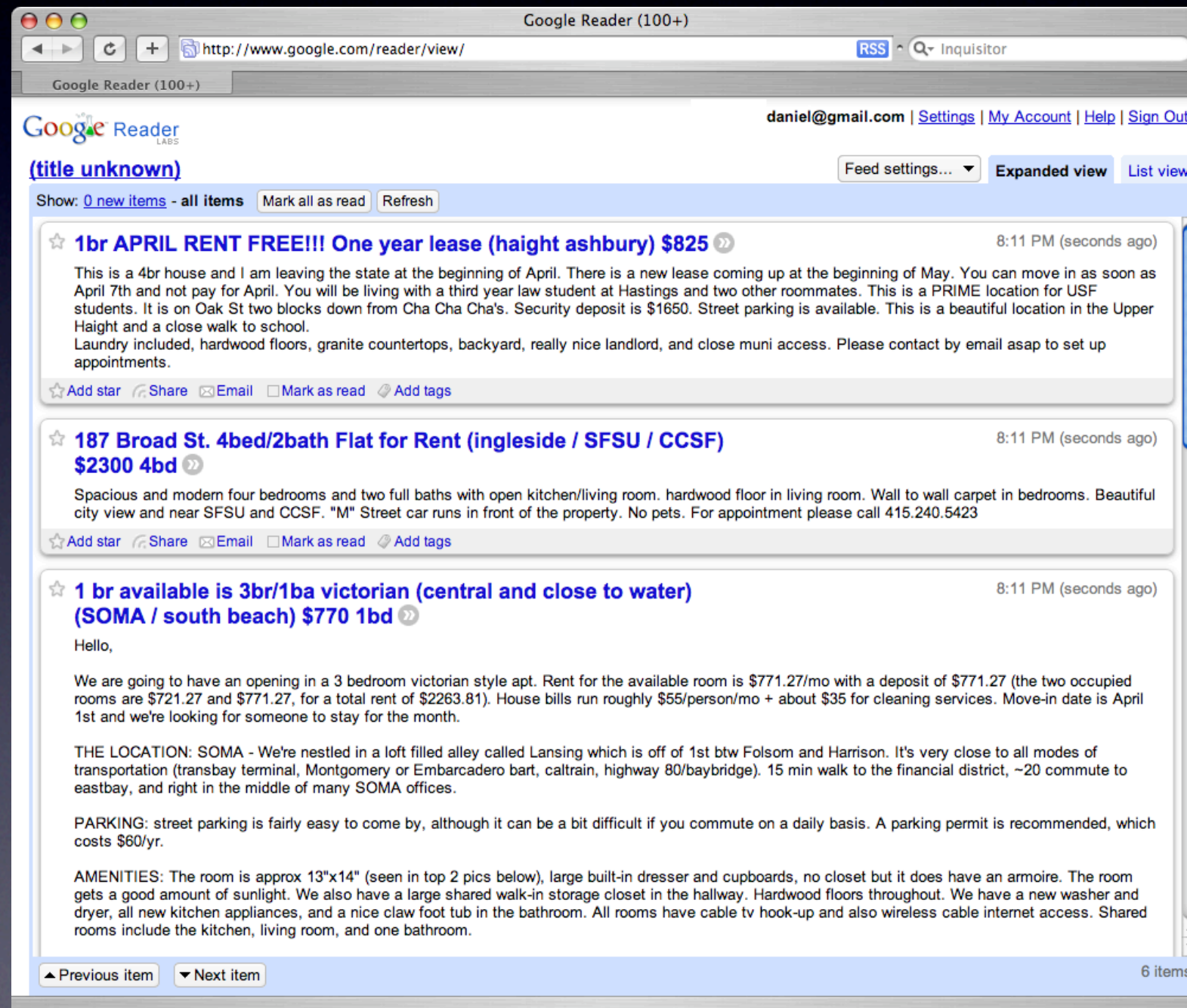
Widgetbox Interface (Left):

- Widgetbox logo:** widgetizing the web
- Make a Blidget:** Instantly turn your site or blog into a widget and share it with the world
- Blog URL:** http://pipes.yahoo.com/pipes/pipe.info?_id=1m
- Set up your blidget's default appearance. Users subscribing to you**
- Layout:** Two icons (one selected)
- Theme:** A grid of 12 color swatches (one selected)
- Display:** ☒ Headlines only ☐ Headlines and articles ☐ Show the first image in each post
- Choose your blidget's header style and details.**
- Header Style:** ☒ Title & Image ☐ Title ☐ Image
- Title:** Pipes: Apartment Near Something
- Caption:** (empty field)
- Image:** A preview of the widget header showing a profile picture and the 'pipes' logo.

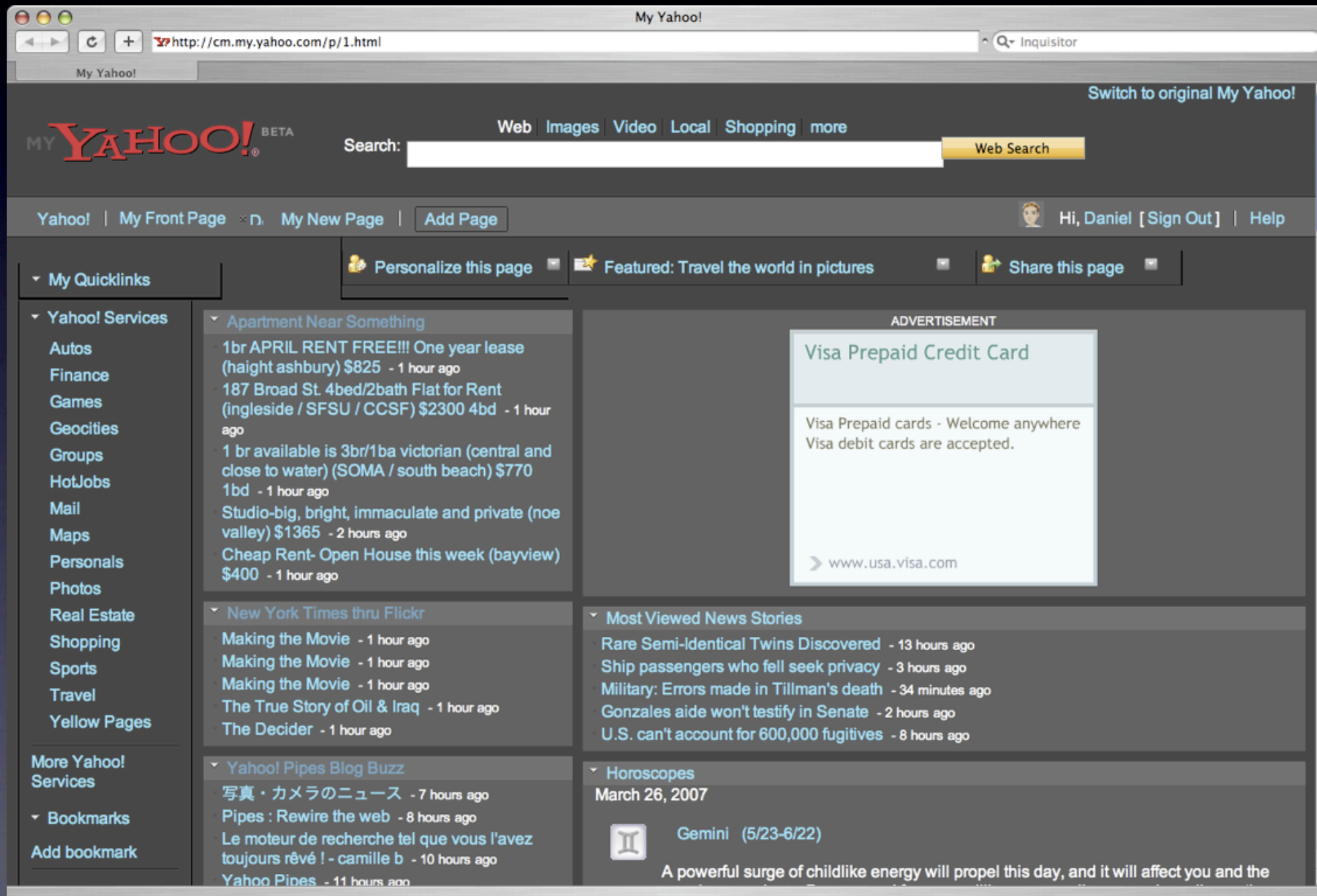
Widget Preview (Right):

- Header:** Pipes: Apartment Near Something
- Recent Posts:**
 - 1br APRIL RENT FREE!!!
One year lease (haight ashbury) \$825
 - 187 Broad St.
4bed/2bath Flat for Rent (Ingleside / SFSU / CCSF) \$2300 4bd
 - 1 br available is
3br/1ba victorian (central and close to water) (SOMA / south beach) \$770 1bd
 - Studio-big, bright, immaculate and private (noe valley) \$1365
 - Cheap Rent- Open
- About:** (empty field)


Any Output



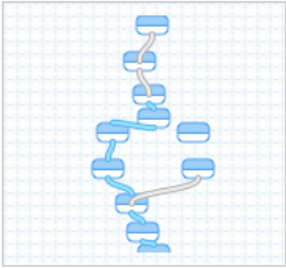
Any Output



Any Output



home
my pipes
browse pipes
create pipe
discuss
documentation



view/edit pipe

Pipes is Hiring!


how this pipe was made

Pipes: Apartment Near Something

you're logged in as [thincvox](#) (logout)

Apartment Near Something

[Run this Pipe](#) [Clone](#)



PashaSadri
Ever wanted to find an apartment close to a park, a school or Whole Foods? Now you can...

Configure This Pipe

Find an apartment near what

Minimum distance (miles)

Where

[Run Pipe](#)

Pipe Preview

[Subscribe](#)

1br APRIL RENT FREE!!! One year lease (haight ashbury) \$825
This is a 4br house and I am leaving the state at the beginning of April. There is a new lease coming up at the beginning of May. You can move in as soon as April 7th and not pay for April. You will be living with a third year law student at Hastings and two other roommates. This is a PRIME location...

187 Broad St. 4bed/2bath Flat for Rent (Ingleside / SFSU / CCSF) \$2300 4bd
Spacious and modern four bedrooms and two full baths with open kitchen/living room. hardwood floor in living room. Wall to wall carpet in bedrooms. Beautiful city view and near SFSU and CCSF. "M" Street car runs in front of the property. No pets. For appointment please call 415.240.5423

1 br available in 3br/1ba victorian (central and close to water) (SOMA / south beach) \$770 1bd
Hello, We are going to have an opening in a 3 bedroom victorian style apt. Rent for the available room is \$771.27/mo with a deposit of \$771.27 (the two occupied rooms are \$721.27 and \$771.27, for a total rent of \$2263.81). House bills run roughly \$55/person/mo + about \$35 for cleaning services....

Studio-big, bright, immaculate and private (noe valley) \$1365
Ground floor studio in small quiet building. Central Noe Valley location with views and privacy. Suitable for one person. Approximately 650sf. Built-in custom maple cabinetry – with queen size murphy bed, ample cedar lined closets/drawers and bookcases –is beautiful and space efficient....

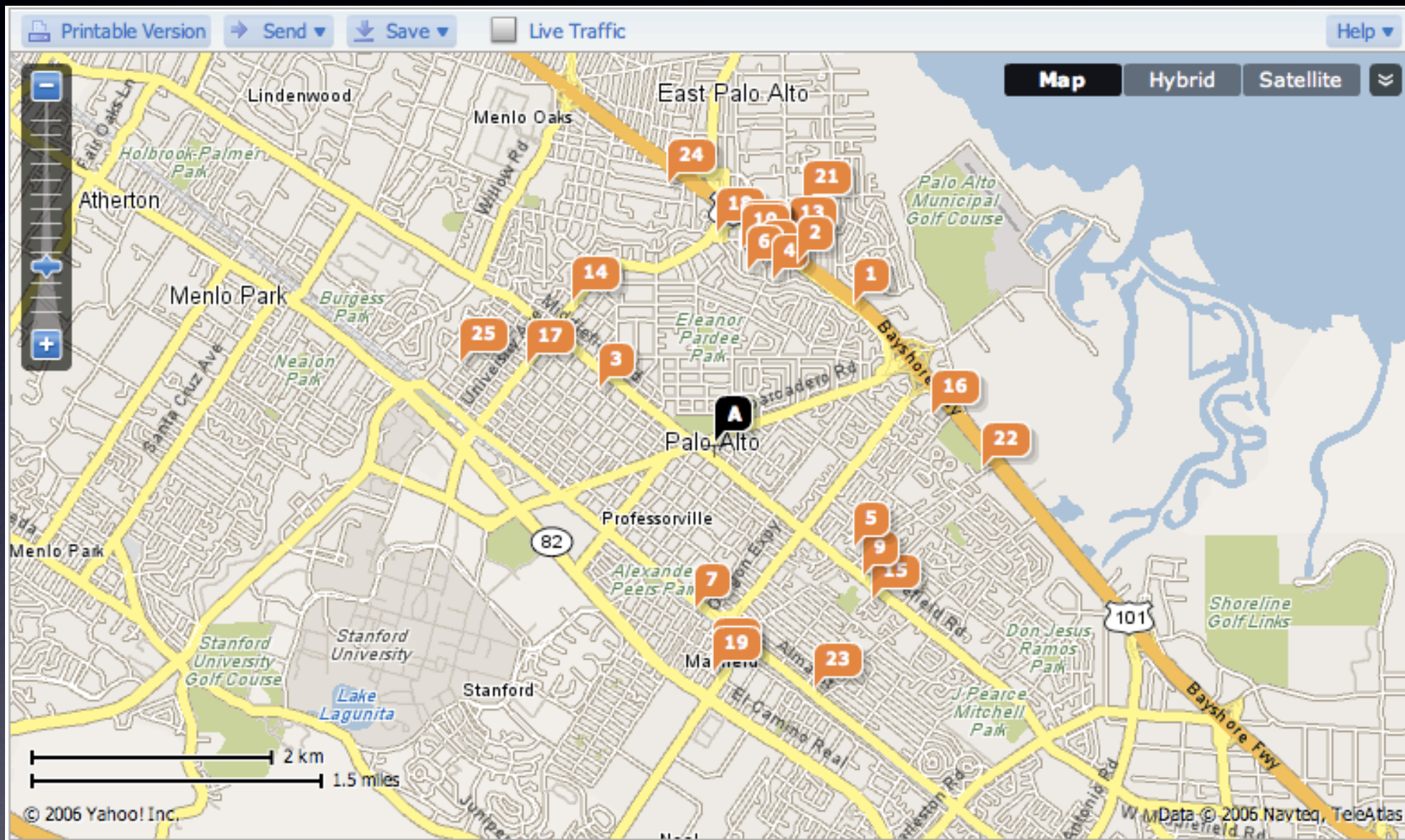
Cheap Rent- Open House this week (bayview) \$400
\$400 rent- utilities not included. Open House this week: Thursday March 29th. from 7pm to 8pm at 871 Innes Ave San Francisco, CA 94124 Cozy room available from April til August. You will be sharing a three bedroom flat with one female and one male student in their mid 20's. What do you get for...

245K-359K: Remodeled Lower Pacific Heights Studios: OPEN Tues 11:30-1 (lower pac hts) \$245000
245-\$359k: 5 remodeled Lower Pac Heights studios - Open Sat & Sun 2162 Pine Street 5 TIC studios ranging from \$249,000 to \$359,000 mls #32006, 32007, 32011, 32012, 32013 for more photos and info, please visit <http://www.2162pine.com/> * 5 remodeled bright studios * Just steps to Upper Fillmore...

Tools

[Get as RSS](#) [Get as JSON](#)

Any Output



Any Output



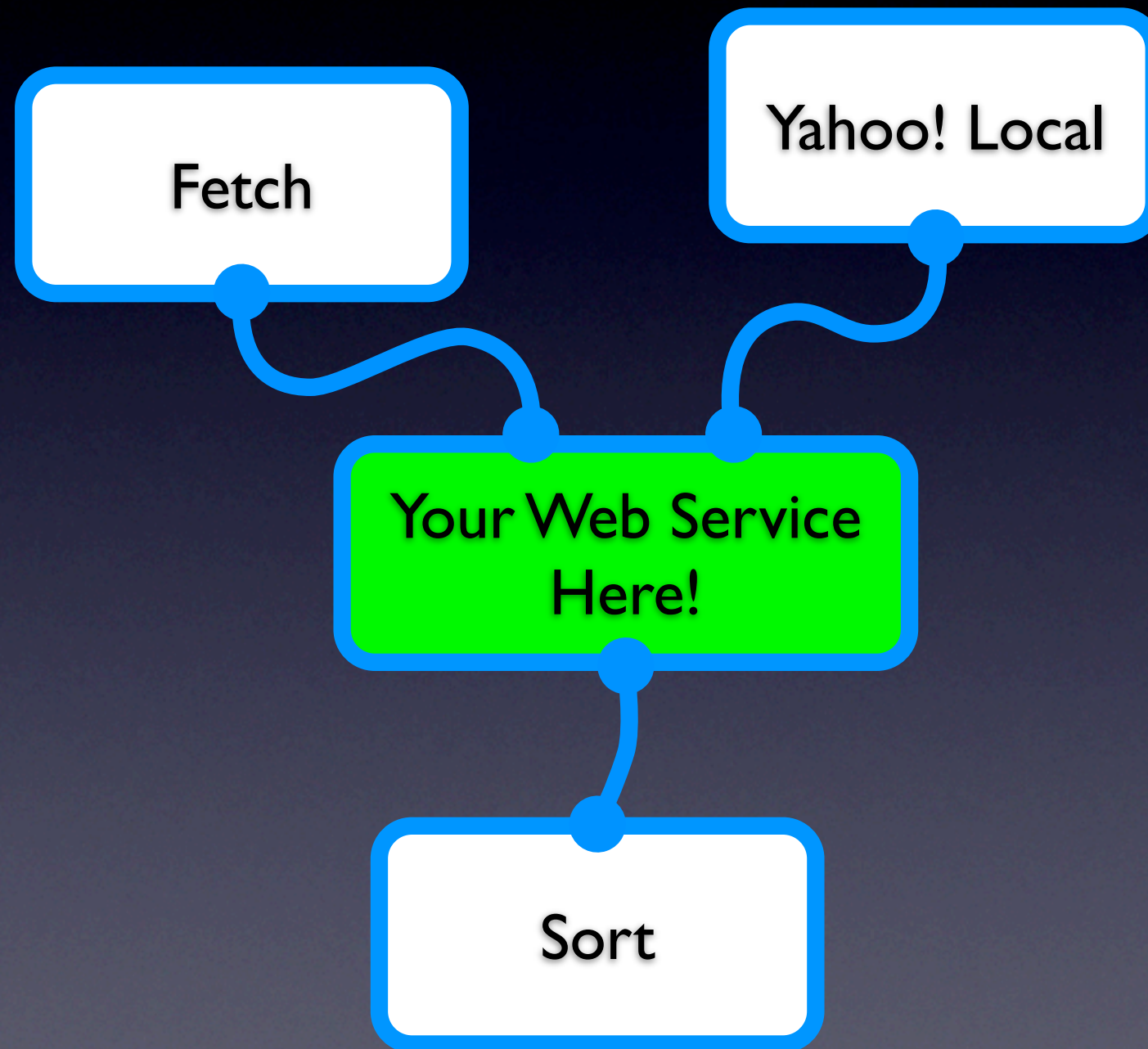
RSS Readers

Badges

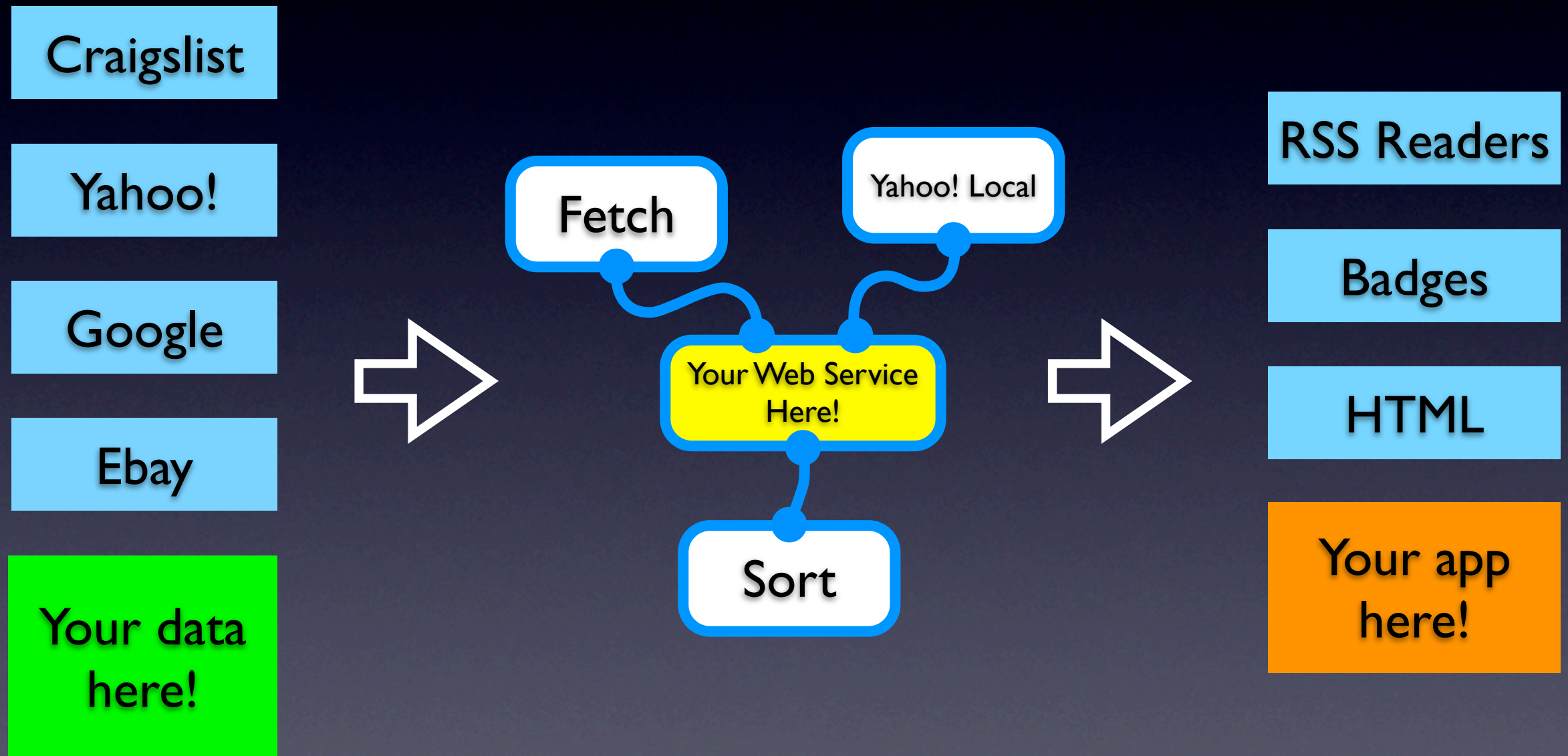
HTML

Your app
here!

Any Process



Openness



Examples

Hot Deals Search

The image shows two overlapping web browser screenshots. The background screenshot is from pipes.com, displaying the 'Hot Deals Search' page. It includes a search bar with filters for 'canon', 'camera', and 'sd', and a list of search results for Canon cameras. The foreground screenshot is from the Dell website, showing the product page for the 'PowerShot SD750 Black 7.1 MP 3X Zoom Digital Camera'. The Dell page features a product image, pricing (\$250.00 to \$208.00), and customer recommendations for accessories like SanDisk memory cards and camera pouches.

pipes.com Hot Deals Search

Author: ShivaHothu

Published on 09/21/07
20095 runs
52 clones

Tags (8): search, find, deal, online, bargains, deals, shopping, coupons

Sources (10): feedburner.com, feeds.feedburner.com, techbargains.com, slickdeals.net, fatwallet.com, cheapstingybargains.com, deals2buy.com, edealinfo.com, rooster.com, dealsites.net

Modules (13): regex, sort

Hot Deals Search
Finds deals from all major deal sites in US... Fetches deals simultaneously by running parallel based on publication date of the deal (latest first)... Usage: Enter one word (e.g., dell) or an E Duo) per filter

Filter 1: canon
Filter 2: camera
Filter 3: sd
Run Pipe

List

- Canon Digital Rebel XT 8MP Digital SLR Camera (Body Only - Black) for \$424.67 (15% off) [Published on rooster at Thu, 01 Nov 2007 20:00:36 GMT]
- \$208.00 - Hot Canon PowerShot SD750 Black 7.1 MP 3X Zoom Digital Camera [Published on rooster at Thu, 01 Nov 2007 19:07:10 GMT]
- Canon PowerShot SD750 7.1 MegaPixel Digital Camera \$250 \$208 with Free Shipping [Published on rooster at Thu, 01 Nov 2007 19:05:23 GMT]
- Canon PowerShot SD750 Black 7.1 MP 3X Zoom Digital Camera - \$208 [Published on rooster at Thu, 01 Nov 2007 17:01:39 GMT]
- Canon SD750 7.1mpixel Digital Camera \$208 shipped free [Published on rooster at Thu, 01 Nov 2007 16:09:42 GMT]
- \$152.99 Canon PowerShot SD1000 Digital ELPH (7.1 MPiX) Camera - Silver +1GB memory [Published on rooster at Thu, 01 Nov 2007 16:06:09 GMT]
- Canon PowerShot SD1000 7.1 Megapixel Digital Camera \$163.95 Shipped 11/01 [Published on rooster at Thu, 01 Nov 2007 16:06:09 GMT]

Dell PowerShot SD750 Black 7.1 MP 3X Zoom Digital Camera

Product Details: \$250.00, \$208.00 (You Save \$42.00), As low as \$7/month, Apply | Learn More

Customer Recommendations: SanDisk 2 GB Secure Digital Memory Card \$23.99, Lowepro Napoli 5 Camera Pouch for Digital Cameras - Black \$19.99, Lowepro Rezo 15 Camera Pouch for Compact Digital Cameras \$14.99

- searches across many different deal hunting sites on the internet looking for the best prices. You can search for particular items or just let the pipe find the best of what's available

Fantasy Sports search

The screenshot displays the Yahoo Pipes interface. At the top, the 'pipes' logo is visible along with navigation links: Home, My Pipes, Browse, Discuss, Documentation, and a 'Create a pipe' button. A search bar is also present. The main content area features a 'Fantasy Sports Feed by Sally Cole'. The feed description states: 'The quickest way to get your fix of fantasy sports reading. Peruse articles and blog posts containing "fantasy" from over 70 sports sources online.' Below this, the 'Pipe Web Address' is provided, and there are buttons for 'View Source' and 'Clone'. A 'List' tab is active, showing a list of articles. The first article is '[The Big Lead] Dipping Back into the Fantasy Baseball Mailbag'. The second article is '[FantasyFootballGoat.com] NFL History From A Guy That's Been There', which is highlighted. The third article is '[The Hazean] Weekly Haze'. On the left side, there is a sidebar with the author's profile (Sally Cole), properties (Published on 09/01/07, 488 runs, 0 clones), bookmark/share options, tags (sports, fantasy, football), and a list of sources (81). An inset window shows a preview of the article 'NFL History From A Guy That's Been There' by Corey Koehler, dated March 6, 2008. The article text discusses an interview with a gentleman named Marvelous who has been an NFL fan for almost 80 years. The preview also includes a 'Subscribe to this feed' link and other sharing options.


- get the edge on your friends with a single RSS feed based on searching 70 sites for fantasy sports blog articles

Geoannotated Reuters News

The screenshot displays the Pipes web application interface. On the left sidebar, the user is identified as 'jonathan_trevor' and is logged in. The main content area is titled 'GeoAnnotated Reuters News' and features a map of the world with red location markers. A news article titled 'Turkey aims for targeted sanctions in Northern Iraq' is highlighted, showing its location on the map. The article text mentions that Turkey planned economic sanctions against Kurdish militants in northern Iraq. The interface also includes a search bar, navigation links, and a list of popular articles on the right side.

- takes an RSS feed from the Reuters news service, and "geocodes" each item - making it possible to show where that news item is happening on a map of the world.


Who's Viewed My LinkedIn Profile



Home My Pipes Browse Discuss Documentation [Create a pipe](#)

You're logged in as [jonathan_trevor](#) (logout)

Search for Pipes...











Author:
[That Kid from Omaha](#)

Properties

Published on **02/21/08**
80 runs
1 clones

Bookmark / Share



Tags (5)

[resume](#)
[linkedin](#)
[voyeur](#)
[profile](#)
[tracker](#)

Sources (1)

[linkedin.com](#)


Modules (11) [more](#)

[fetchdata](#)
[regex](#)
[rename](#)
[textinput](#)
[urlbuilder](#)

Who's Viewed My LinkedIn Profile

Get an RSS feed of the LinkedIn users viewing your LinkedIn profile. (Many thanks to Paul Donnelly and Jonathan Trevor for the workings of this Pipe.) Get your string by going to your "Who's Viewed My LinkedIn Profile" page on LinkedIn.com: "http://www.linkedin.com/static?key=wwmp_results&trk=ape_h071002i_9". View the source, find the URL associated with "block16" class, and extract the string in the URL after the 'equals' sign.





Pipe Web Address: <http://pipes.yahoo.com/miaaker/linkedinviews>

 [View Source](#) [Clone](#)

Configure this Pipe

LinkedIn string [Run Pipe](#)

Use this Pipe

 Get results by Email or Phone  [More options](#)

[List](#) 5 items

[Someone in the Information Technology And Services industry](#)
Someone in the Information Technology And Services industry


[Someone in the Entertainment industry](#)
Someone in the Entertainment industry

[Visual Designer at Yahoo!](#)
Visual Designer at Yahoo!


[Someone in the Internet industry](#)
Someone in the Internet industry

[Assistant Vice President at Merrill Lynch](#)
Assistant Vice President at Merrill Lynch

Kiva Loans by Location

[Home](#) [My Pipes](#) [Browse](#) [Discuss](#) [Documentation](#) [Create a pipe](#)

You're logged in as [jonathan trevor \(logout\)](#)



Author:
Skylar Woodward

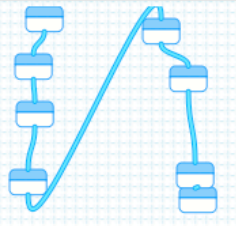
Properties

Published on **05/04/07**
3254 runs
163 clones

Tags (2)
[kiva](#)
[georss](#)

Sources (2)
[kiva.org](#)
[socialology.org](#)

Modules (7)
[fetch](#)
[regex](#)
[rename](#)
[uniq](#)
[truncate](#)
[geotag](#)
[foreachannotate](#)


[View Source](#)

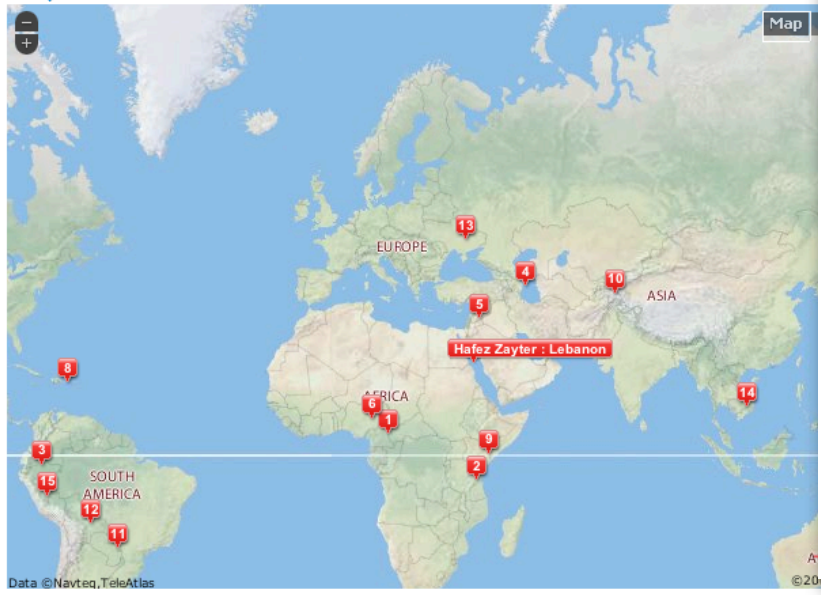
Kiva Loans by Location

This pipe takes a listing of open microloans on <http://www.kiva.org/> and GeoCodes each item based on the nationality of the entrepreneur requesting a loan. The end result allows users to browse a interactive Yahoo map see where Kiva is currently fund-raising.

[View Source](#) [Clone](#)

[MY YAHOO!](#) [Add to Google](#) [Get results by Email or Phone](#) [More options](#)


[Map](#) [List](#)



Map

Data © Navteq, TeleAtlas


5. Hafez Zayter : Lebanon
\$350 of \$1,000 raised. Started raising funds on Oct 31, 2007 Hafez lives with his wife and their 2 lovely children in the Beirut suburb of Laylaki. He is 36 years old and is taking the initiative to use a loan so he can make his business more efficient. Hafez repairs car wheels and with new...



loans that change lives

[LEND](#) [ABOUT](#) [JOURNALS](#) [MY PORTFOLIO](#)

Hafez Zayter



Hafez lives with his wife and their 2 lovely children in the Beirut suburb of Laylaki. He is 36 years old and is taking the initiative to use a loan so he can make his business more efficient. Hafez repairs car wheels and with new materials he can improve his productivity and therefore generate more revenues so he can increase his family livelihood.

[RSS](#) [Subscribe](#)

Make a loan

\$1,000.00

\$400.00

\$600.00

Loan Request

Raised so far

still needed

[LEND NOW](#)

29 days left

About the Entrepreneur

Name: Hafez Zayter

Location: Borj Barajneh, Lebanon

Primary Activity: Auto Repair


Loan Requested: \$1,000.00

Repayment Term: 12 months - repaid monthly

Loan Use: to buy the necessary material to enhance his productivity in fixing wheels


Date Posted: Oct 31, 2007


About the Field Partner




Al Majmoua

- gets a list of the micro-loans people have been making through the Kiva site, and shows the amazing variety of people and places that these loan are helping out.






Yahoo! Buzz Image Search



You're logged in as [jonathan_trevor](#) (logout)

Home My Pipes Browse Discuss Documentation [Create a pipe](#)

Search for Pipes...




Author:
Paul Donnelly

Properties

Published on **03/03/08**
134 runs
1 clones

Bookmark / Share



Tags (1)

[buzz](#)

Sources (2)

[yahoo.com](#)
[buzz.yahoo.com](#)


Modules (5)

[fetch](#)
[regex](#)
[subpipe](#)
[substr](#)
[loop](#)





Yahoo! Buzz Image Search

Did you love buzz.yahoo.com? (using feed from: <http://buzzlog.buzz.yahoo.com/>) If so, didn't you ever want to see a picture associated with those top 15 buzz items? This pipe shows 5 images (if available) associated with each buzz item in the description field when exported to RSS/JSON. (More options -> Get as RSS) Here ya go..

Pipe Web Address: <http://pipes.yahoo.com/31337/ybuzzimagesearch>

 [View Source](#) [Clone](#)

Use this Pipe


   [Get results by Email or Phone](#)  [More options](#)

List

15 items


1. Living Goddess

99999.00% 9 The living goddess bk_ayurcookwesterner.. 03-Jun-2006 14:14 16k om_scarf.jpg 31-Mar-2007 11:57 16k bk_living_goddess.jpg 23-Jun-2006 09:39 16k henna_kit.jpg 03-Jun-2006 14:22 17k kat-street.gif 20 May 01 12:13 45.9Kb kidsplay.gif 20 May 01 12:12 58.2Kb kyrgyz.jpg 17 Jun 01 06:10 93.3Kb...





2. Real Housewives Of New York City

99999.00% Matthew A View all 1 user reviews




3. Highest Paying Jobs

12268.23% career path (allowing you with the opportunity to save \$15,000 USD a year), and a chance to gain international experience. Highlights: Why Teach English in Korea?- Annual salary of US \$26-35K at 30 hrs/wk Highest Paying Jobs by




Craigslist house lookup with static Yahoo map

beta

You're logged in as [jonathan_trevor](#) (logout)

[Home](#) [My Pipes](#) [Browse](#) [Discuss](#) [Documentation](#) [Create a pipe](#)









Author:
Paul Donnelly

Properties

Published on **03/03/08**
0 runs
0 clones

Bookmark / Share

Tags (3)

[yahoo](#)
[craigslist](#)
[maps](#)

Sources (6)

[yahoo.com](#)
[craigslist.org](#)
[sfbay.craigslist.org](#)
[local.yahooapis.com](#)
[yahooapis.com](#)
[shortcuts.yahoo.com](#)


Modules (7)

[fetchdata](#)
[fetch](#)
[regex](#)
[urlbuilder](#)





craigslist house lookup with static yahoo map

This Pipe prepends a static Yahoo! map to your description field in List Mode and RSS/JSON. The static map will only show up if Pipes can detect geo location data in the feed.

Pipe Web Address: <http://pipes.yahoo.com/31337/PrEWR2jp3BGUfw0L2h2EvQ>

 [View Source](#) [Clone](#)

Use this Pipe

   Get results by Email or Phone  More options

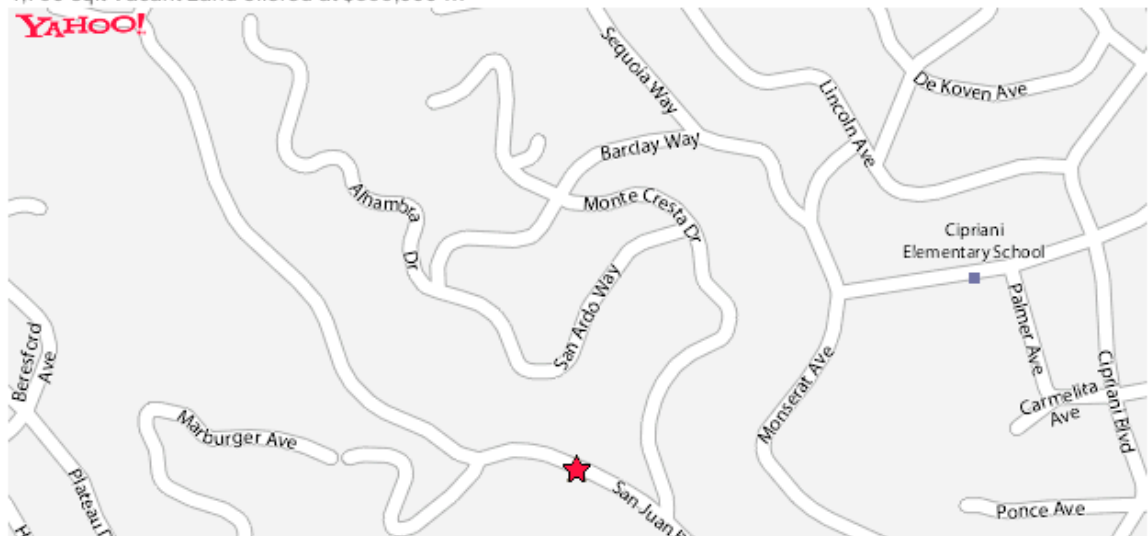
Map

List

50 items

Vacant Land Available in Belmont with Approved Building Plans (belmont) \$399000

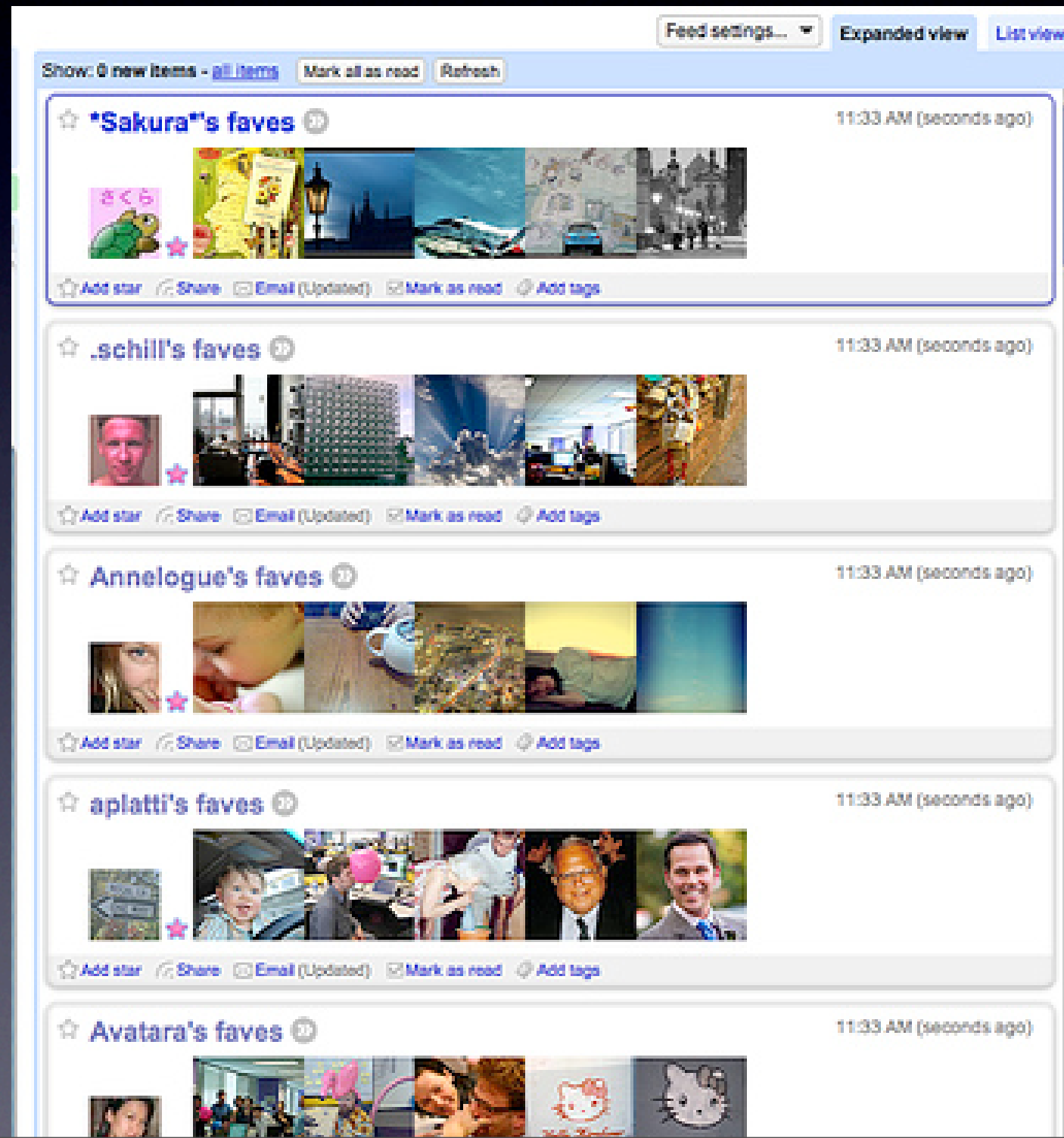
Matthew S. Holder | Coldwell Banker | 650.566.5309 2933 San Juan Blvd., Belmont, CA This lot in the Haskins Estates area of Belmont has an approved 2200 SF structure plus 400 SF garage approved. The lot goes through to Marberger. 4,790 sqft Vacant Land offered at \$399,000 ...



Yahoo Finance Stock Quote Watch List Feed



Contact's Favorite's



Yahoo Unanswered Questions

The image shows a screenshot of the Yahoo Pipes website. The main heading is "Yahoo Unanswered Questions". Below it, a description states: "The idea behind this mash-up is to find questions that aren't getting answers (usually these answer) - I remove questions from the result that have been asked within the last 5 hrs (I'm that's what I have right now). So if a question is older than 5 hrs and it doesn't yet have an answer, it's added to the list." The page includes a search bar with the query "cars" and a "Run Pipe" button. A list of questions is displayed, including "Bonnie and Clyde are sliding 390 kg bank safe across the floor to their getaway car?", "Car shakes when backing up and idle is low Camry?", "Car racing poster title???????", "Which is the best touring car championship in the world and why?", "when will u be able to buy the wang car dealer. its colored red now... cant buy... so...", and "I am driving OPC car looking for an income at night?".

On the right, there is a preview of the Yahoo! Answers website. It shows a user profile for "Paul T" and an "Open Question" titled "Bonnie and Clyde are sliding 390 kg bank safe across the floor to their getaway car?". The question text is: "The safe slides with a constant speed if Clyde pushes from behind with 390N of force while Bonnie pulls forward on a rope with 245 N of force. What is the safe's coefficient of kinetic friction on the bank floor?" It also shows a "Report It" button and a "Categories" list on the right.

- finds those questions in the Y! answers site that don't currently have an answer - so you can show how smart you are and answer those tricky questions.

Babbler by Max Case



- Translates IM messages in Second Life

LastTube

pipes Home My Pipes Browse Discuss Documentation Create a pipe

Author: **dersteppenwolf**

Last.fm Recent Tracks + Youtube : Last

Based On this Pipe I have created an Application. You Can check it Here
<http://flex2colombia.wordpress.com/lasttube-lastfm-meets-youtube/>

Pipe Web Address: http://pipes.yahoo.com/pipes/pipe.info?_id=2IUhnPC72x0

☆ View Source Clone

Last FM User: Run Pipe

MY YAHOO! Google Get results by Email or Phone

List

YouTube - Broadcast Yourself.
 Dr Nigel Leigh Oldfield. Country: United Kingdom. Occupation: Student and Your relatives in prison are missing your ...

YouTube - Nigel De Jong
 Nigel ... oh come on nigel come 2 everton and play for a succesful team that B... 05:53. PodShowComedy. Season ...

YouTube - johnny rabb's biodiesel 03/09/07 Set 2 Part 1
 Johnny Rabb - DrumsClay Parnell - BassDr. Nigel - Keys ... Dr. Nigel - Keys Tags: ...

YouTube - Tetris - Dr spin
 video mix of the song "tetris"Doctor Spin was a pseudonym used by Andrew Wright for their 1992 hit novelty single Tetri...

YouTube - NIGEL PLACE BALCONYTV.COM 16/08/2006
 with Len Arran as producer Nigel Place, a singer and writer of songs. Nigel

Properties
 Published on **02/17/07**
74789 runs
286 clones

Bookmark / Share

Tags (3)
 Yahoo
 youtube
 last.fm

Sources (2)
ws.audioscrobbler.com
audioscrobbler.com

Modules (8)
 fetch
 filter
 uniq
 textinput
 urlbuilder
 ca
 foreach

Google Ir RS Marcadores PageRank 15 bloqueados Configuración

last.fm Mashup Last.fm User Name: GO Welcome My Son, Welcome To The Machine About / Contact / Comments

Recently Listened Tracks

Artist	Name	Album	Date
Ella Fitzgerald	I Ain't Got Nothin' But	Verve Jazz Masters	7 May 2007
Sly & The Family Stone	Dan		7 May 2007
Incubus	Redefine	S.C.I.E.N.C.E.	7 May 2007
Blind Melon	Dump Truck		7 May 2007
Hard-Fi	TIED UP TOO HARD		7 May 2007
Pearl Jam	Dissident	Vs.	7 May 2007
The Decemberists	Of Angels and Angles	Picaresque	7 May 2007
Sufjan Stevens	A Short Reprise for		7 May 2007

Last.fm Meets Youtube Using your Recently Listened Tracks

Decemberists. URL, Embed, Showing 1-20 of 30. See All Videos ... Sixteen Military Wives - The Decemberists. 04:58. From: clarkwgris. Views: 173795

YouTube - The Decemberists - Billy Liar

YouTube - The Decemberists - Shankhill Butchers







YouTube - girl singing over the decemberists

YouTube - the decemberists in d.c. 10/29/06


YouTube - The Decemberists - Red Right Ankle

YouTube - Decemberists

Overall Top Artists

Rank	Artist	Plays	Image
1	Ani DiFranco	722	
2	Regina Spektor	695	
3	Lacrimosa	690	
4	Incubus	589	
5	Pearl Jam	500	
6	Sufjan Stevens	398	

Youtube Video: Decemberists - 16 Military Wives



0:38 / 4:58 Volume: YouTube Page

- uses content from Last.fm and YouTube. You can watch Youtube's content based on your Recently Listened Tracks scrobbled to Last.fm.

Advantages to developers

(why use an online service to do this?)

- Leveraging large infrastructure
 - Faster access to network resources
 - Faster access to network services
- System-wide knowledge
- Leverage inter-organizational agreements
- Easy to “string” together with other services
- Easy to use (REST-style URLs)

Network services

- On Y! network services (fast)
 - Geocoding, Local, Search ...
 - Shortcuts, Term Extraction, Translation
 - developer.yahoo.com
- Off Y!
 - Google, AWS, Dapper etc

Run / Get the data

- Each Pipe gets its own “hosted” page

Apartment Near Something
Ever wanted to find an apartment close to a park, a school or Whole Foods?

[View Source](#) [Clone](#)

Where
Find an apartment near what
Minimum distance (miles) [Run Pipe](#)

[Subscribe](#) [Get as JSON](#) [Get as KML](#)

[Get as RSS](#)

[+ MY YAHOO!](#)

[+ Add to Google](#)

[SUB BLOGLINES](#)

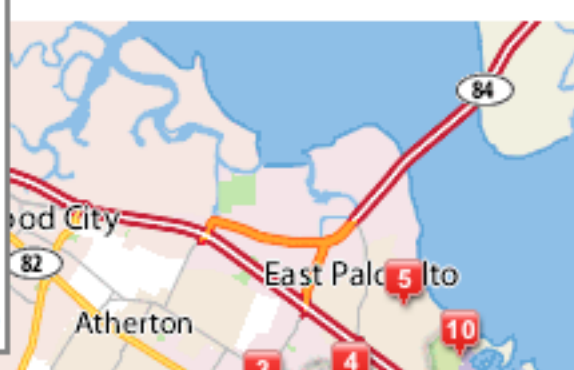
[+ Rojo](#)

[+ netvibes](#)

[+ newsgator](#)

[+ MY AOL](#)

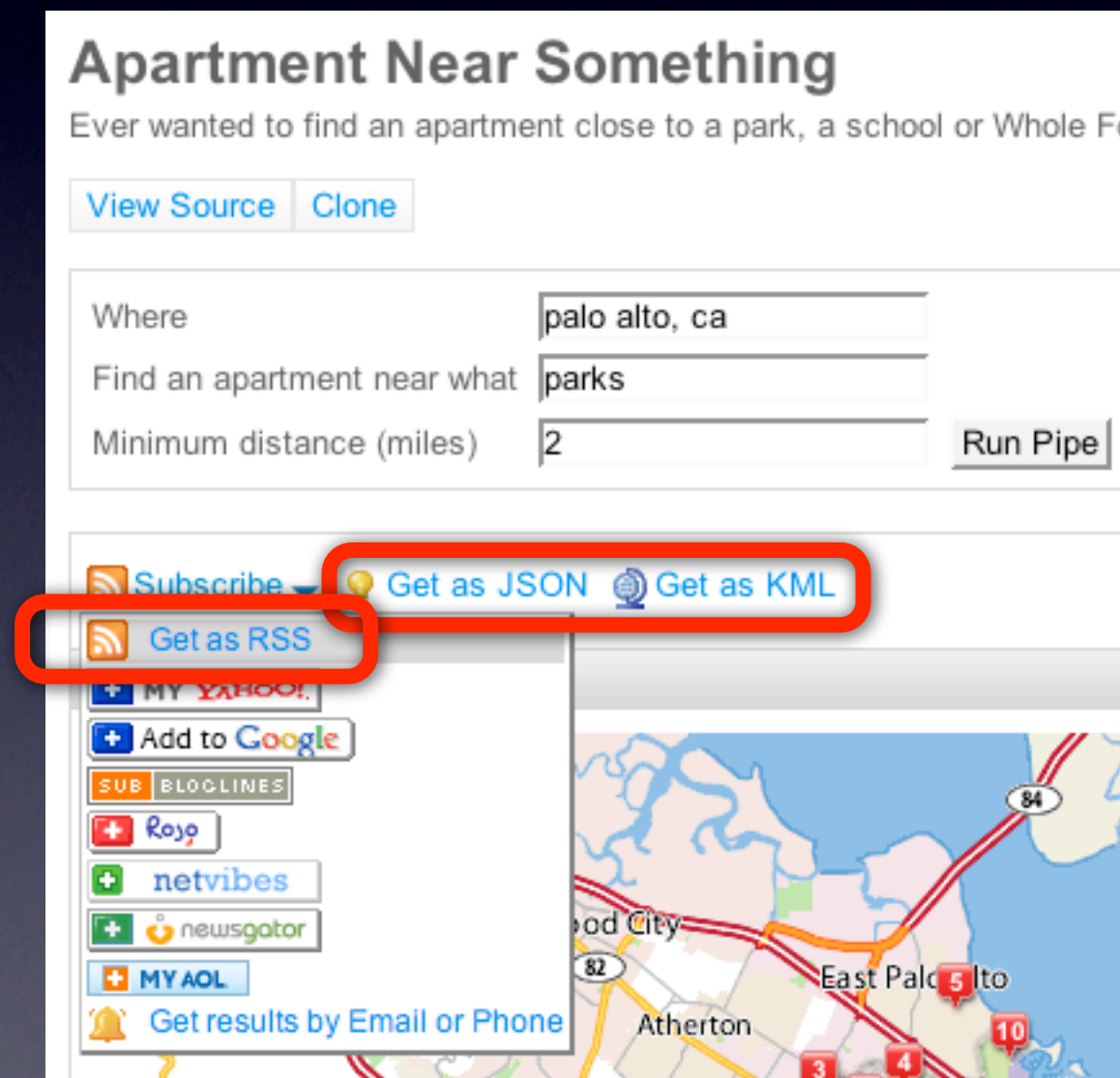
[Get results by Email or Phone](#)



- Use the REST-style URLs to get the data

Run / Get the data

- Each Pipe gets its own “hosted” page



- Use the REST-style URLs to get the data

Edit REST-style queries

```
http://pipes.yahoo.com/pipes/pipe.run?  
_id=1mr1kB232xGjJDdwXqIxGw  
&_render=json  
&location=palo+alto%2C+ca  
&mindist=2  
&what=parks  
&_callback=foofunction
```

The ID of the Pipe

Edit REST-style queries

```
http://pipes.yahoo.com/pipes/pipe.run?  
_id=1mrlkB232xGjJDdwXqIxGw  
&_render=json  
&location=palo+alto%2C+ca  
&mindist=2  
&what=parks  
&_callback=foofunction
```

The format of the output
(rss, json, kml, ical, csv)

Edit REST-style queries

```
http://pipes.yahoo.com/pipes/pipe.run?  
_id=1mrlkB232xGjJDdwXqIxGw  
&_render=json  
&location=palo+alto%2C+ca  
&mindist=2  
&what=parks  
&_callback=foofunction
```

The per Pipe user customizable
parameters

Edit REST-style queries

```
http://pipes.yahoo.com/pipes/pipe.run?  
_id=1mrlkB232xGjJDdwXqIxGw  
&_render=json  
&location=palo+alto%2C+ca  
&mindist=2  
&what=parks  
&_callback=foofunction
```

Optional JSON callback function

Disadvantages

(Why not to use an online service?)

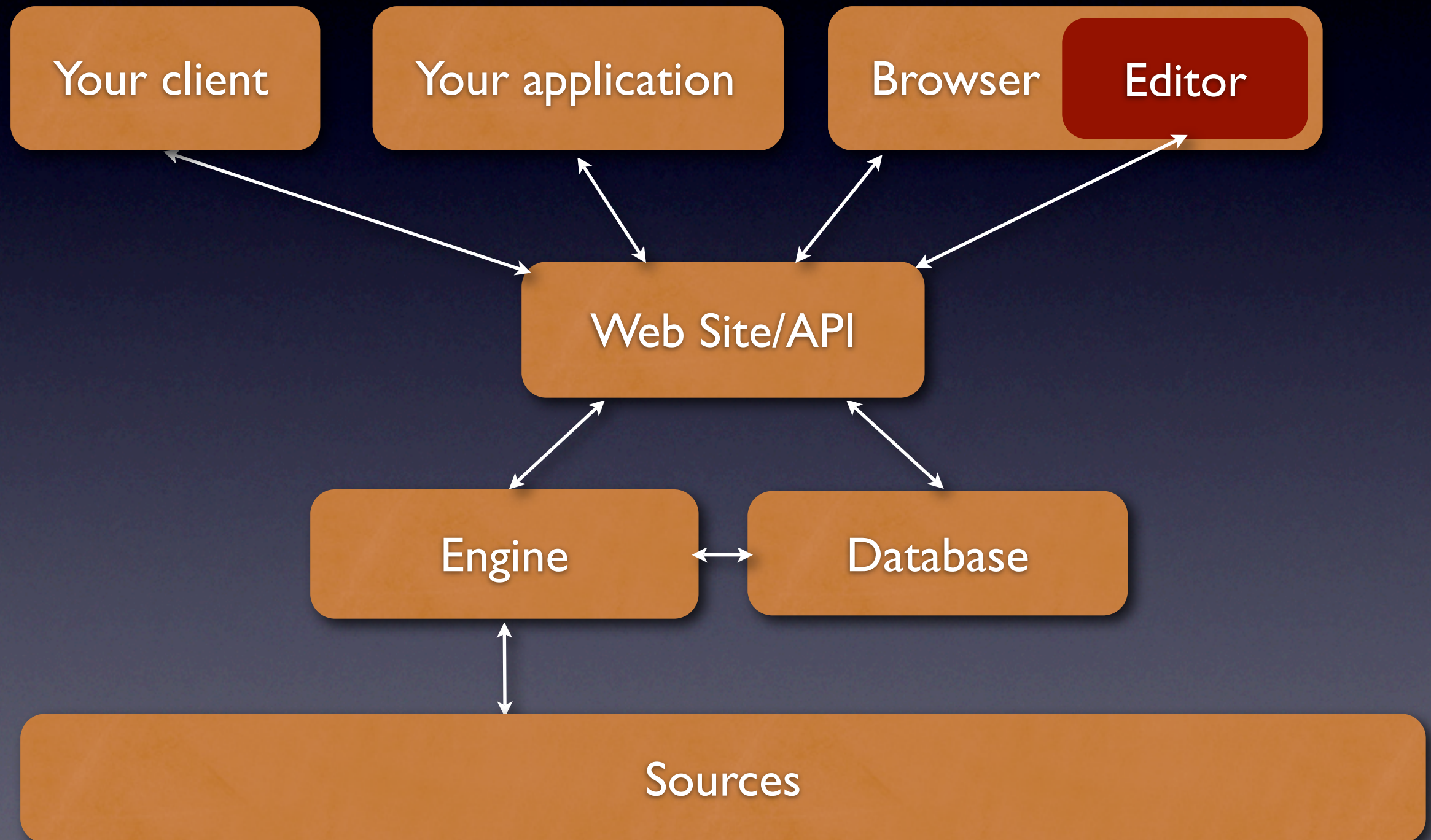
- Away from data
 - personal (desktop)
 - organizational (intranet)
- Security and trust

Design and Implementation

Target Users

- The top 10% of the web 2.0 pyramid
 - Coders, re-mixers, bloggers
- Assume prior knowledge
 - Concepts... loops, data types
- End-users benefit indirectly

Architecture



Editor

- Edits Pipe definitions
- Heavy lifting performed by Engine
- Rivals a desktop experience
 - Almost everything is now possible in a browser

Editor Design

- Instant “ON”, no plugins
 - “download this” gets in the way
- Data flow applications are well suited to visual programming
- Learn and propagate by “View Source” and “Clone”

Engine

- Executes Pipes
- Pipes are defined by a simple definition format
- Parallelizes as much of the execution as possible
- Not limited to RSS, supports many common web addressable formats
 - but...

Web addressable data

- is **very** malformed
- can be slow
- needs considerate access
- can be untrustworthy
- can be inaccessible from “here” (behind firewall etc)

Data in the Engine

- is “cleaned” (and repaired) into UTF-8
- is cached for
 - performance
 - playing well with others
 - several HTTP proxy layers
 - serve stale and force caching
- is “sanitized”

A year in the wild
(20+ releases, 250k+ Pipes later)

What's popular

Modules (51)	more +
fetch (19036)	
filter (8582)	
regex (3344)	
rename (2360)	
sort (7996)	
textinput (3839)	
truncate (2888)	
union (6255)	
uniq (4033)	
urlbuilder (3273)	

What's popular

Formats (10)

[csv](#) (242)

[georss](#) (1502)

[ical](#) (43)

[media](#) (1017)

[media-application](#) (111)

[media-audio](#) (94)

[media-image](#) (484)

[media-text](#) (1)

[media-video](#) (82)

[media-x-audio](#) (2)

What's popular

Sources (99)

more 

[api.flickr.com](#) (4823)

[api.search.yahoo.com](#) (2331)

[blogspot.com](#) (2184)

[feedburner.com](#) (5149)

[feeds.feedburner.com](#) (5144)

[flickr.com](#) (4931)

[google.com](#) (5153)

[news.google.com](#) (2223)

[search.yahoo.com](#) (3713)

[yahoo.com](#) (7104)

What's popular

Tags (99)

more



[blog](#) (427)

[digg](#) (184)

[feed](#) (182)

[flickr](#) (473)

[google](#) (235)

[music](#) (254)

[news](#) (976)

[rss](#) (354)

[search](#) (385)

[yahoo](#) (195)

Typical Pipes/mashups

- Four types of mashup
 - Feed aggregation with filtering
 - Two-source mashups
 - Data transformation and geocoding
 - Complex mashups using REST APIs
- Geocoding remains a “mashup” favorite

Reasons for adoption

- Lower barrier to use
 - Graphical editor made it quick to write Pipes, attracted non-developers
 - “View Source” for learning/tweaking
- Wide array of data input formats and data output formats enabled Pipes to become a useful “component” in a larger ecology
- Web 2.0 responsiveness to community

Inaccessible data

- Lots of requests for more rich and personal data
 - Text documents, word documents, mail, Excel spreadsheets
- Workarounds (to some) emerged
 - Online spreadsheets, calendars (gcal) with private RSS feeds and so on

Power...

- We started by only supporting RSS
 - high-level building blocks and operations
 - good for common tasks and novice users
- We listened to our user's desires

...vs Complexity

- Added sources for parsing JSON, XML, CSV, ICAL ...
- Added modules that could do more and be combined in many ways
- At the cost of simplicity
 - Harder to explain, use, compose
 - Stretching the capabilities of a visual development environment

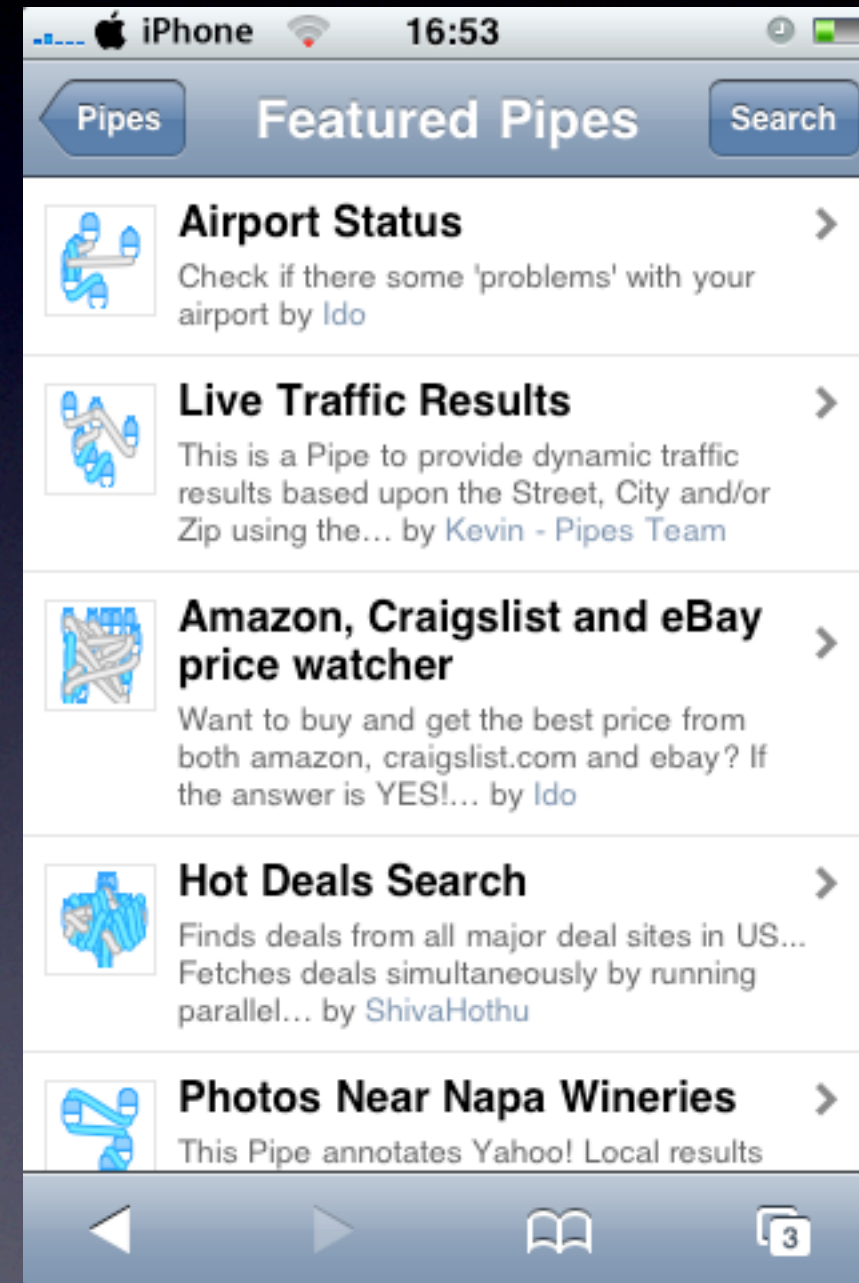
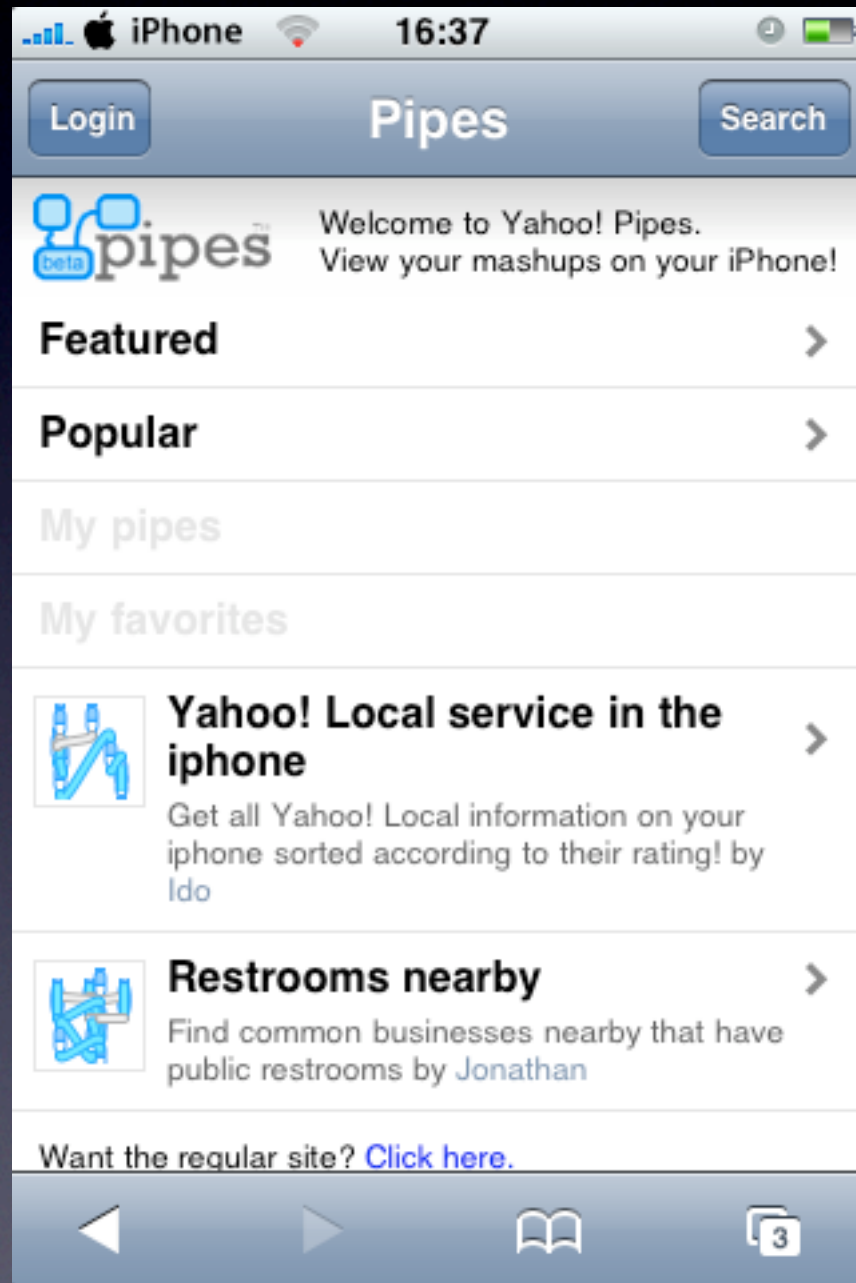
Unexpected breadth

- Experts who want to exploit the service
- Non-programmers with much simpler needs
- In Pipes
 - Its easy to **make** useful data in the cloud
 - Its not easy enough to **use** it after
 - Users like things in one place

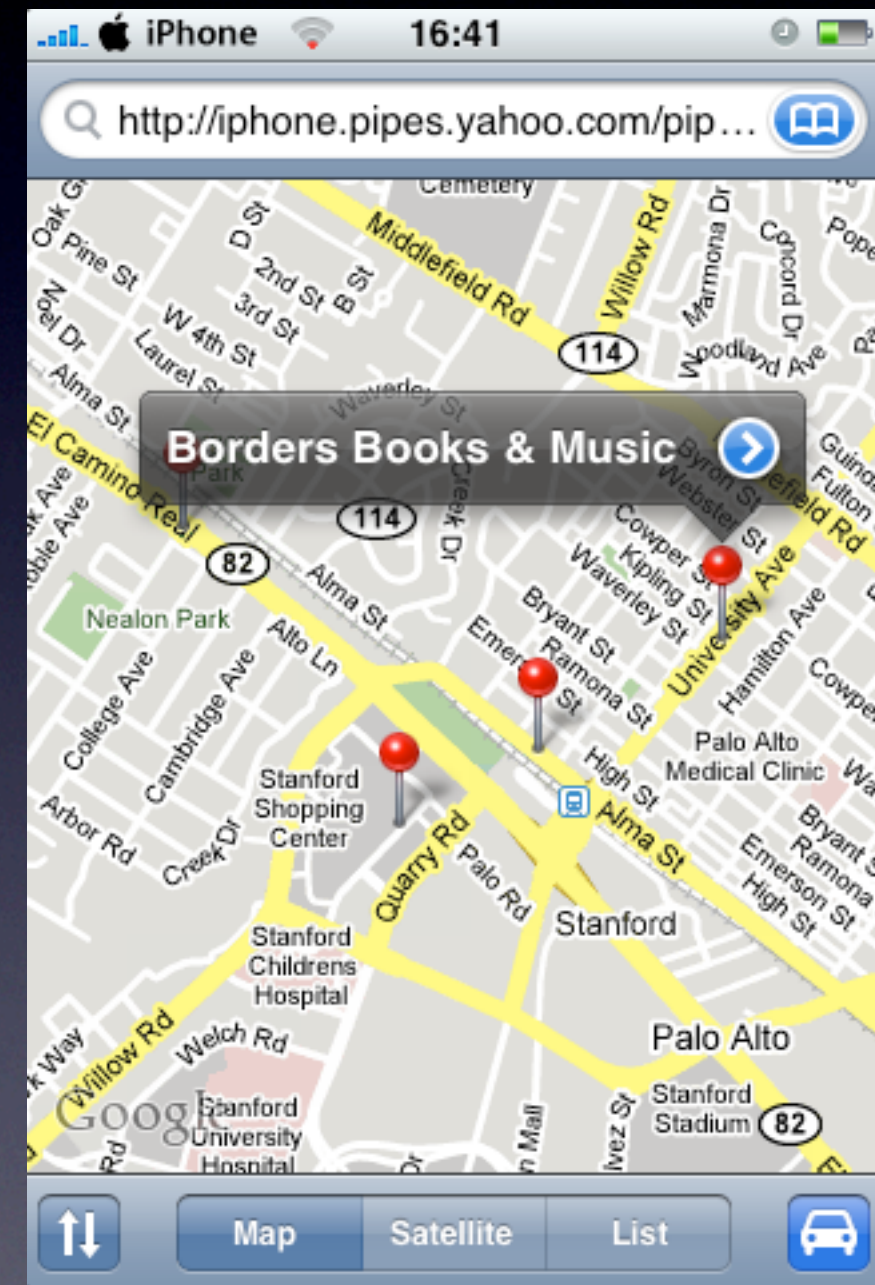
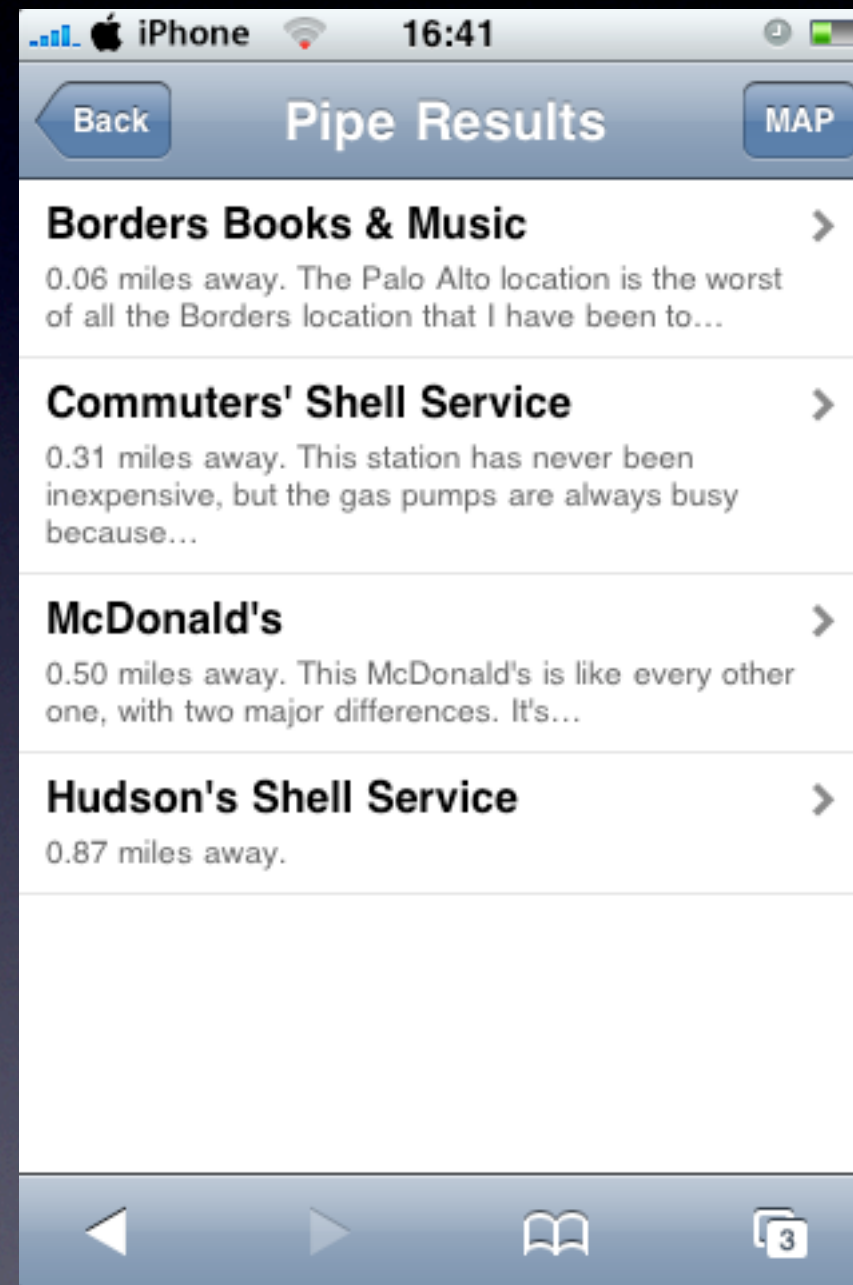
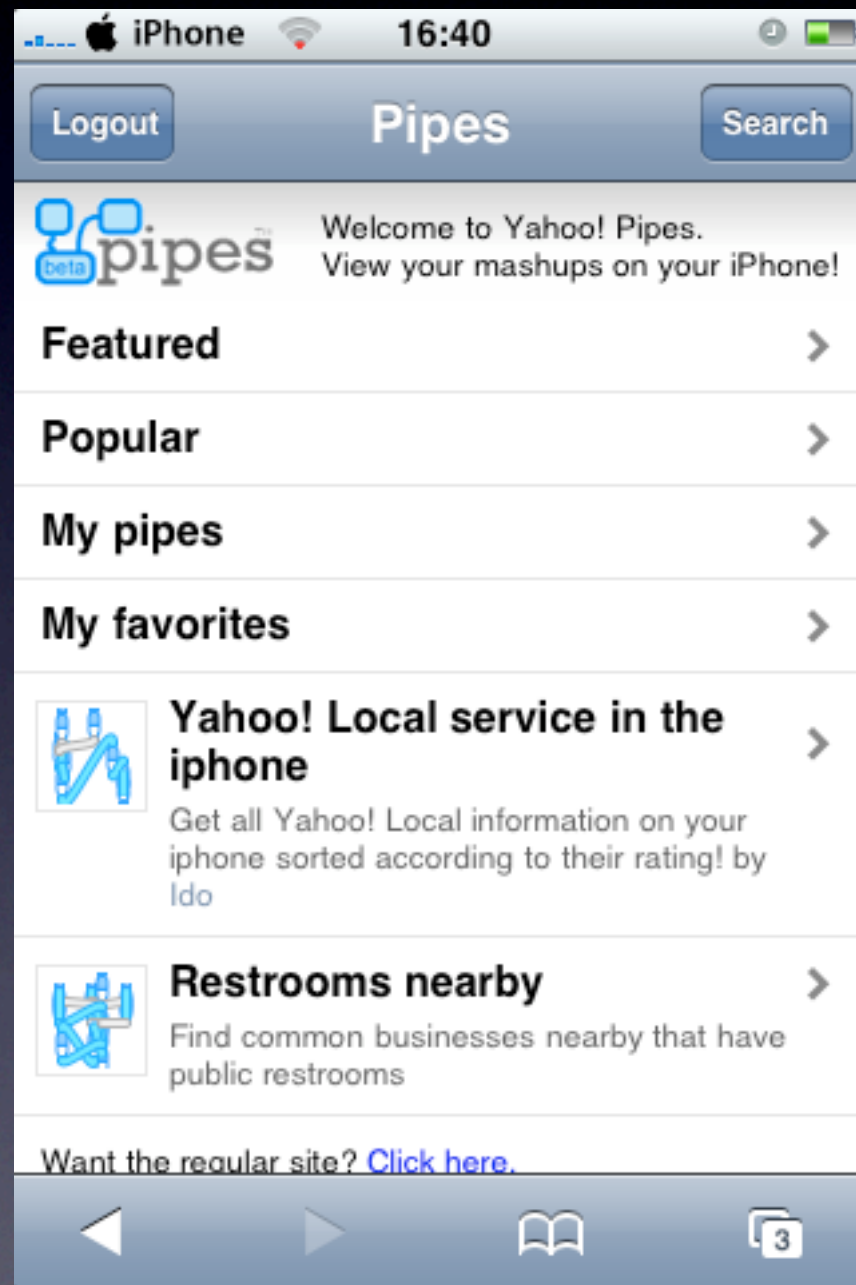
Making it easy to use

- Many Pipes provide data that's useful while mobile
 - Geosensitive information
 - Time sensitive decisions
- Letting the cloud do the work allows rich thin clients (in addition to thick heavy ones)
- enable novice...expert developers to create (simple) mobile applications that give the right information at the right time

Doing the mobile mash



Doing the mobile mash



Making it easy to use

Coming (very) soon!

- Badges are **frequently** requested
- Despite other solutions
- Initially three variants visualizing common types of data in Pipes
 - Geo - map badge
 - Flickr/Images - image badge
 - Aggregators, transformers - list badge

Badges

Photos Near Napa Wineries

This Pipe annotates Yahoo! Local results for Napa Wineries with images from Flickr taken nearby!

Pipe Web Address: <http://bothafter.corp.yahoo.com/idopipes/bMPFtO342xGrr53VyzUFzw>

☆ [View Source](#) [Clone](#)

[Configure this Pipe](#)

Search near (e.g. Napa, CA)

What to Find (e.g. Winery)

[Run Pipe](#)

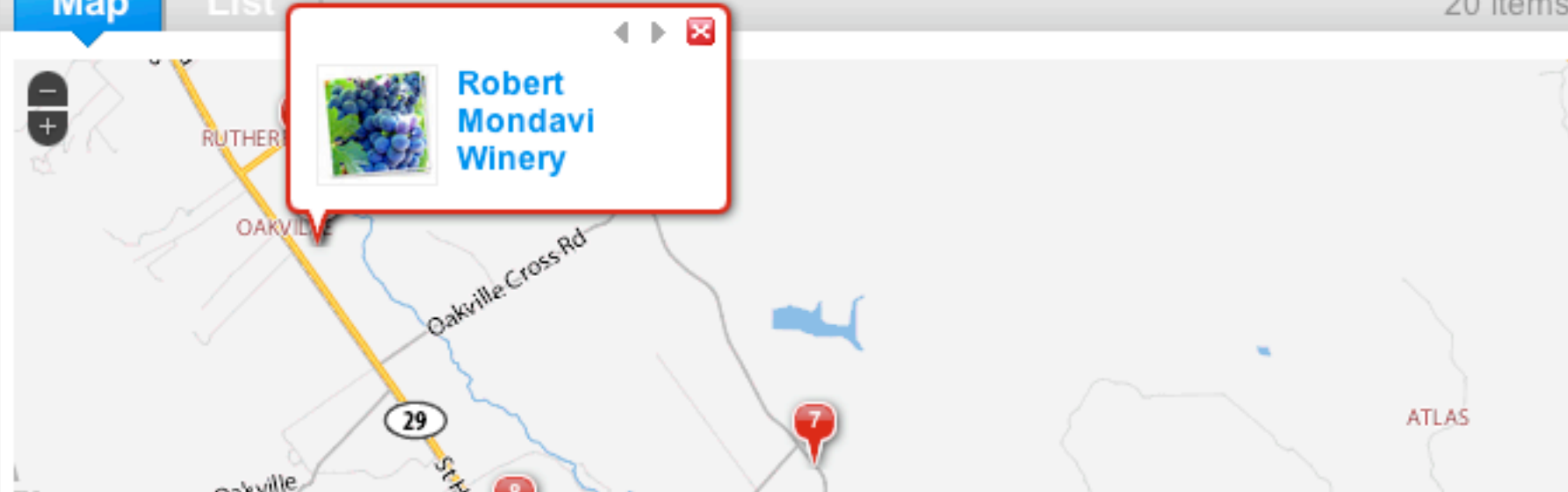
[Use this Pipe](#)

[Get as a Badge](#) [+ MY YAHOO!](#) [+ Google](#) [Results by Email or Phone](#) [More options](#)

Map

List

20 items



Get this Yahoo! Pipes™ Badge

[HELP](#)

Add the [eBay Price Watch Pipe](#) (by [Ed Ho](#)) to your page as a badge.

What kind of badge would you like?

What settings would you prefer?

Where:

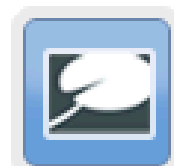
Find an apartment near what:

Minimum distance (miles):

What dimensions would you like? (in pixels or %)

Width: Height:

Where will you put this badge?



TypePad



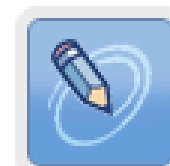
Blogger



WordPress



iGoogle



LiveJournal

Embed:

Badges

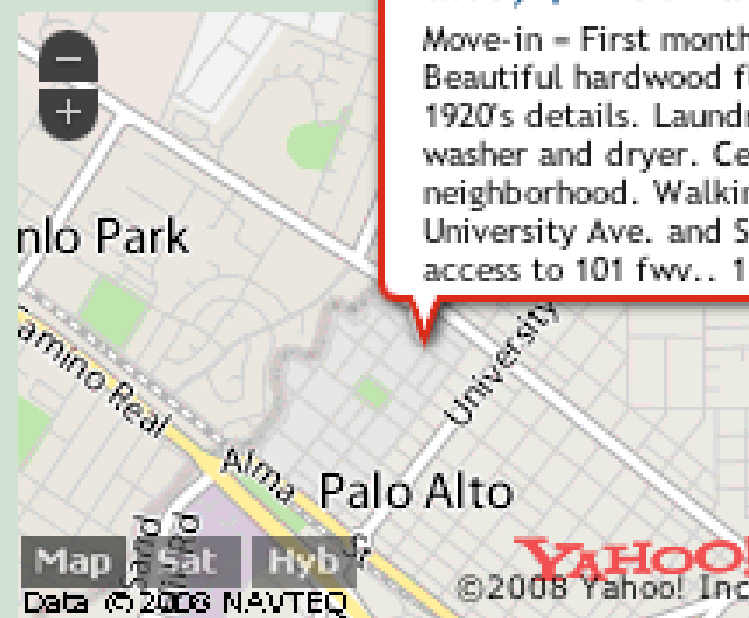
008

onsectetur adipiscing elit. Vestibulum
haretur quam. Ut porta metus eget ante
. Duis enim turpis, ullamcorper ut,
en. Integer nisl diam, tempor
es tristique, lectus. In placerat urna eu
piscing mi. Pellentesque volutpat
que pellentesque quam vitae eros. Nam
r arcu.

e ut iaculis tempus, augue augue varius
sit amet nisi. Nullam aliquet, lacus non

etiam diam. et iaculis quam mi sed la

Apartment Near



**Amazing move-in deal! 1920's
bungalow style duplex (palo
alto) \$1700 1bd**

Move-in = First month's rent + \$1,000 deposit. Beautiful hardwood floors throughout. Original 1920's details. Laundry room with hookups for washer and dryer. Central heating. Very quiet neighborhood. Walking distance to Caltrain, University Ave. and Stanford University. Quick access to 101 fwy.. 1 car garage parking and



Powered by [Y! Pipes](#)™

[Get This](#) »

Badges

uctus diam, et iaculis quam mi vel leo.
lla. Class aptent taciti sociosqu ad litora
per inceptos hymenaeos. Aliquam erat
suspendisse porttitor. Vestibulum mi.
etus. Curabitur lacinia, leo in dapibus
netus, sed placerat libero pede sed

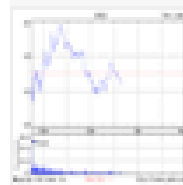
lin lectus. Ut nonummy velit nec erat.
onsectetuer adipiscing elit. Sed iaculis
eifend dui eu orci. Nullam sit amet sem
lacinia, magna at ornare vestibulum,
s fringilla ante augue vel tortor.
giat malesuada tortor. Nunc pulvinar

tur lacus odio, placerat id, nonummy
. Donec quis sapien. Nulla sagittis erat
hisi. Nam ornare est tincidunt quam.
ristique senectus et netus et malesuada
dignissim enim nec enim. Nullam ut
m. Sed sed turpis eget felis lobortis

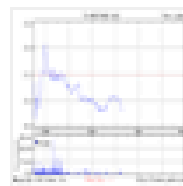
Yahoo Finance Stock Quote Watch List Feed w/Chart



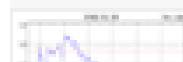
YHOO - last: \$29.05 @
12:14pm EST
last: \$29.05 @ 12:14pm EST



GOOG - last: \$429.954 @
12:14pm EST
last: \$429.954 @ 12:14pm
EST



AMTD - last: \$16.94 @
12:14pm EST
last: \$16.94 @ 12:14pm EST



ETFC - last: \$3.68 @



Powered by **Y! Pipes™**

[Get This »](#)

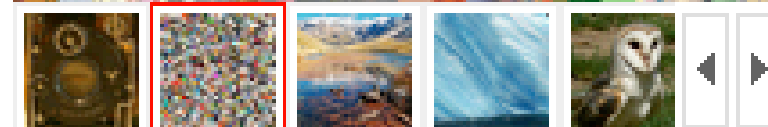
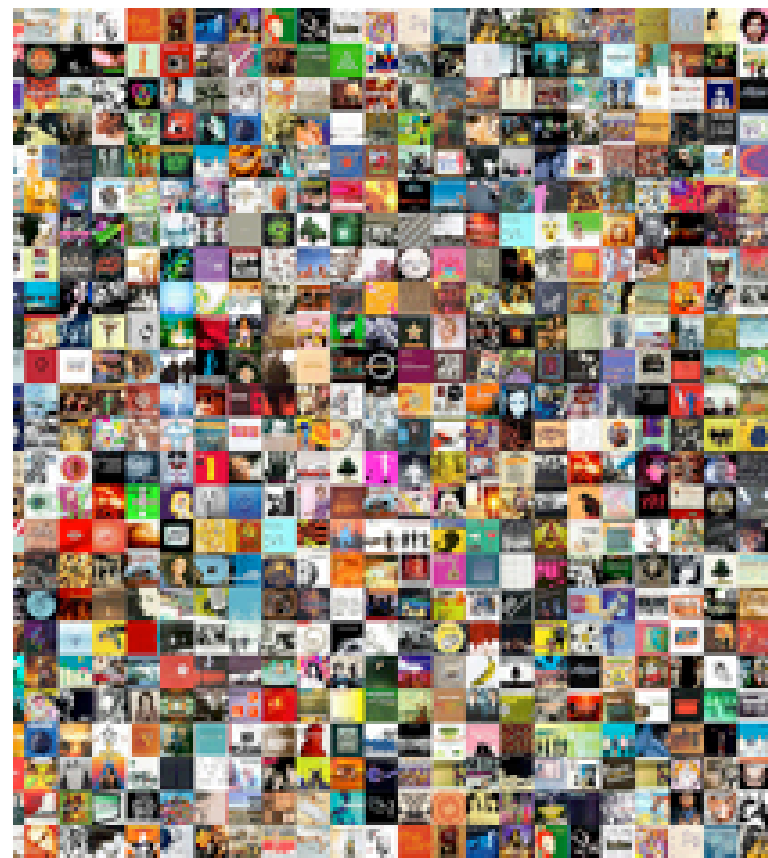
Badges

nec augue rutrum convallis.
tique senectus et netus et malesuada
hendrerit velit ut nibh. Vestibulum id
Quisque congue hendrerit velit. Duis
leifend, nibh non vehicula vestibulum,
ta massa enim placerat arcu.
commodo ornare, pede tellus tempus
is ligula.

i. Integer facilisis hendrerit est.
m. Nunc condimentum, felis eget
ula odio, ut dapibus massa ligula id
us iaculis blandit. Quisque semper
cus, viverra sed, vulputate non,
ue sed odio porttitor aliquam. Duis
liquet consequat arcu. Nunc in nisi nec
at volutpat. Curabitur vulputate.
aliquam gravida. Cras laoreet luctus

 [0 comments](#)

Antarctica Photos from Flickr



 Powered by [Y! Pipes](#)™

[Get This](#) »

Conclusion 1/2

- Provides powerful data functions to any client
- Consumes data from many services
- Common data formats means any part of the cloud can become the input
 - Dapper, AWS, Google spreadsheets
- ...or take the output
 - 1/3 Google mashups are powered by Pipes

Conclusion 2/2

- (Some) outstanding technical issues
 - Common authentication API
 - Inter-service common rate limiting scheme
 - Bridges to local data / dbs



Q&A