

Designing the Rich Web Experience

Principles and patterns for rich interaction design on the web

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background



Rico

JavaScript for Rich Internet Applications

Home Features Demos Documentation Downloads About

An open-source JavaScript library for creating rich internet applications. Rico provides full Ajax support, DOM management and a cinematic effects library.

BACKGROUND

Rico is a Spanish word meaning *rich*. The goal of Rico is to provide a rich experience for web sites using Ajax technology.

Rico is just one small part of a larger effort at Sabre Airline Solutions to create a suite of rich internet components, behaviors and effects for the web application space.

The library is a fully object-oriented JavaScript library. Recently we refactored the library to extend the excellent [prototype.js](#) effort from the Ruby on Rails folks.

OPEN SOURCE

Rico is provided free and open-source ([Apache 2.0 License](#)) for either your personal or commercial use. [Sabre Airline Solutions](#) retains the copyright on the Rico code produced at Sabre.

BROWSER SUPPORT

Rico has been tested on IE 5.5, IE 6, Firefox 1.0x/Win, Camino/Mac, Firefox 1.0x/Mac. Currently there is no Safari or Mac IE 5.2 support. Support will be provided in a near future release for Safari.

AJAX SUPPORT

Ajax is the term that describes a set of techniques for creating interactive web pages. Rico provides a very simple interface for request handlers as well as HTML elements as Ajax response objects. Multiple objects may be updated as the result of a single Ajax request.

Want to get started learning? Check out our [Ajax tutorials](#) on the Rico website.

DRAG AND DROP

Desktop applications have long used drag and drop interfaces to simplify user interaction. Rico provides the simplest interfaces for enabling your users to support drag and drop. Just register any JavaScript object as a draggable and Rico handles the rest.

CINEMATIC EFFECTS

When actions are no longer occurring in Rico you can use cinematic effects to provide a clue to the user on what has transitioned. Rico provides several cinematic effects such as [fade](#), [slide](#), and [slideAndFade](#).

BEHAVIORS

Take some raw HTML and sprinkle in some Rico and you can get an [Accordion](#) component. Just nest some DIVs and with one line of Rico you can get an accordion. And the latest behavior is [connect](#) an HTML table up to a stream of data. The result is now HTML tables can hold an unlimited amount of data scrolled into view on the fly as needed! More behaviors are planned!

Developer Network Home Help Site Search Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

Yahoo! Developer Network > Design Pattern Library

USER NEEDS TO

- NAVIGATE
 - Breadcrumbs
 - Faceted Navigation
 - Fly-out Menus
 - Horizontal Bar
 - Hub and Spoke
 - Left Navigation
 - Tabs
 - Module Tabs
 - Navigation Tabs
- EXPLORE DATA
 - Auto Complete
 - Calendar Picker
 - Pagination
 - Item Pagination
 - Search Pagination
- ORGANIZE DATA
- GIVE FEEDBACK
 - Ratings & Reviews
 - Architecture Review
 - Rating an Object
 - Writing a Review
- PERFORM ACTION
- CUSTOMIZE
 - Drag and Drop
 - Drag and Drop Modules
 - Drag and Drop Objects
 - In Page Editing
 - Sliders

APPLICATION NEEDS TO

- CALL ATTENTION
- IMPROVE READABILITY
 - Ratings & Reviews
 - Review Architecture
- GROUP RELATED ITEMS
- ORGANIZE SCREEN/PAGE

Welcome

Welcome to the Yahoo! Design Pattern Library. We are very happy to be sharing our library with the design and development community. This is our first drop of what we hope to be a monthly release cycle for the publication of patterns. In many cases we have bundled the patterns with pointers to related code from the [Yahoo! User Interface Code Library](#). We hope this is a useful resource and look forward to your [feedback](#).

What's a Pattern?

A pattern describes an optimal solution to a common problem within a specific context.

Recent Patterns

- Auto-Complete**
The user needs to enter an item into a text box which could be ambiguous or hard to remember and therefore has the potential to be mis-typed.
- Breadcrumbs**
User needs to navigate potentially large quantities of information efficiently, without becoming lost.
- Drag and Drop Modules**
The user needs to re-arrange the layout of modules on a web page directly with the mouse.
- Module Tabs**
The user needs to navigate through one or more stacked panes of content without refreshing the page.
- Navigation Tabs**
The user needs to navigate through a site to locate content and features and have clear indication of their current location in the site.
- Object Pagination**
The user needs to view items from a potentially large set of sorted data that will not be easy to display within a single page.
- Results Page:**
1 2 3 4 **Next**
- Search Pagination**
The user needs to view a set of search results ranked by relevance that is too large to easily display within a single page.
- Rating an Object**
A user wants to quickly leave their opinion on an object, with minimal interruption to any other task flow they are involved in.
- Writing a Review**
User wants to share her opinion with others about an object (place, person, thing) in greater detail than a simple rating.

Scratchpad

Add Website to Scratchpad

Projects(3)

- National Mapping - Fab Facts, Landforms**
<http://www.ga.gov.au/education/fab>
Geography: Landfor...
Add Website to Project
- Civil War Battles**
Add Website to Project
- Create a new Project**

See Rico in Action!

developer.yahoo.com/ypatterns

Developer Network Home Help Site Search Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

Yahoo! Developer Network > Design Pattern Library

USER NEEDS TO

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Recent Patterns

Send Save Draft

To: yd

Cc: Yusef Jones <yusef@...> Yusef Smith <yusefs@...>

[Auto-Complete](#)

The user needs to enter an item into a text box which could be ambiguous or hard to remember and therefore has the potential to be mis-typed.

[Module Tabs](#)

The user needs to navigate through one or more stacked panes of content without refreshing the page.

Results Page:

1 2 3 4 Next

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The user needs to view a set of search results ranked by relevance that is too large to easily display within a single page.

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[Writing a Review](#)

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Developer Network Home Help Site Search Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

Yahoo! Developer Network > Design Pattern Library > Ratings and Reviews

USER NEEDS TO

- NAVIGATE
 - Breadcrumbs
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 - Module Tabs
 - Navigation Tabs
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 - Item Pagination
 - Search Pagination
- ORGANIZE DATA
- GIVE FEEDBACK

Ratings and Reviews

Problem Summary

User wants to leave an opinion on an object. Quick opinions can be captured through reviews.

Solution Patterns

1. Target Elements (T1 - T5)

2. Review Elements (R1 - R9)

Overall: ★★★★★

Quality: ██████████

[Architecture of a Review](#)

A product or website needs to present ratings and reviews with a variety of informational elements.

[Rating an Object](#)

A user wants to quickly leave their opinion on an object, with minimal interruption to any other task flow they are involved in.

Developer Network Home Help Site Search Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

Yahoo! Developer Network > Design Pattern Library > Ratings and Reviews > Rating An Object

Rating An Object

Problem Summary

A user wants to quickly leave their opinion on an object, with minimal interruption to any other task flow they are involved in.

EXAMPLE:

Restaurant

Alma St
Menlo Park, CA 94025

Cross Street:
Between Alma Ln and Ravenswood Ave

★★★★★
Average Rating (7)
[Read 7 reviews](#)

Average
★★★★★
[Write a Review](#)

Play ▶

[Rate a restaurant on Yahoo! Local](#)

Use When

- A user wants to leave an opinion quickly.
- Use in combination with reviews for richer experience.
- Use to quickly tap into the existing "community" of a product.
- Ratings are collected together to present an average rating of an object from the collective user set.

Solution

- Show clickable items (most often used are stars) that light up on rollover to infer clickability.

QUICK JUMP

- [Solution](#)
- [Rationale](#)
- [Accessibility](#)

RELATED PATTERNS

- [Ratings and Reviews](#)
- [Architecture of a Review](#)
- [Writing a Review](#)

AS USED ON YAHOO!

- [Yahoo! Local](#)
- [Yahoo! Shopping](#)
- [Yahoo! Custom Autos](#)
- [Yahoo! Movies](#)

BLOG

- [Blog Article](#)

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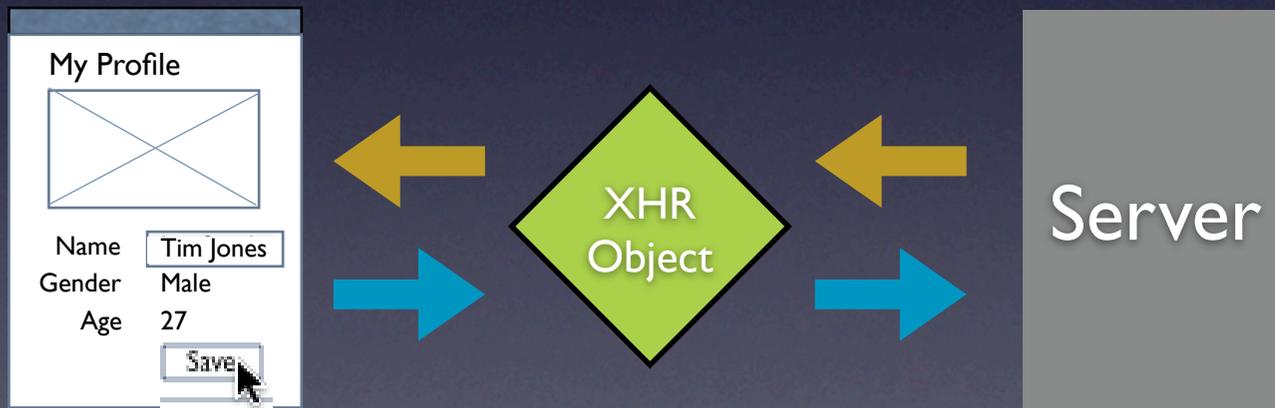
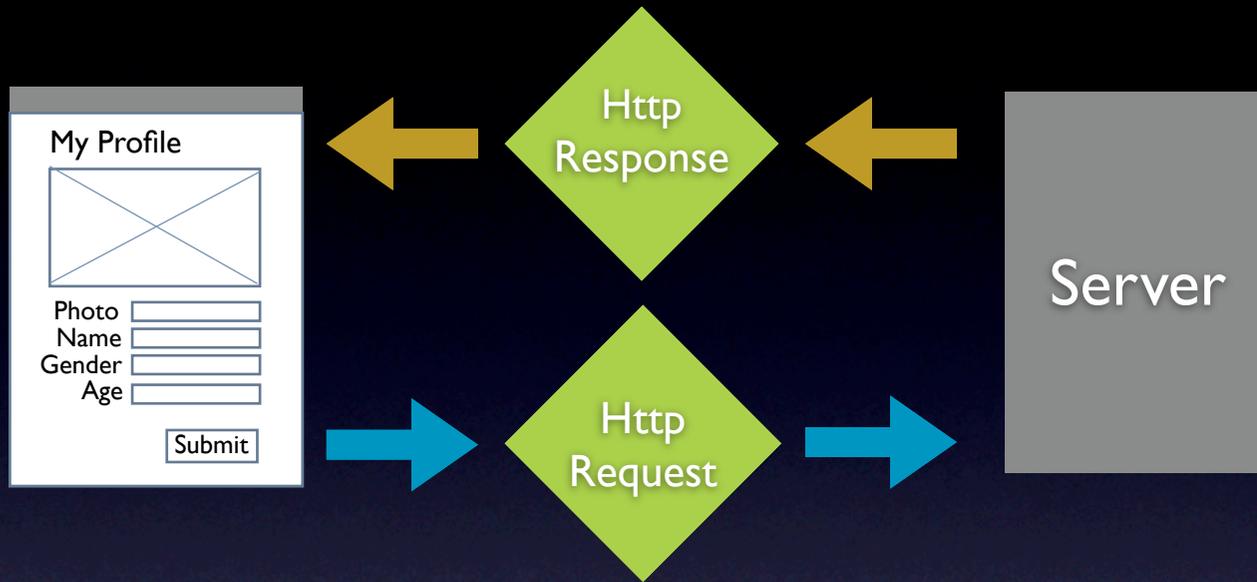
A large, gnarled Joshua tree with many spiky green heads against a clear blue sky. The tree's trunk is thick and twisted, with several smaller branches extending outwards. The spiky heads are clustered at the ends of the branches. The background is a solid, clear blue sky. In the bottom left corner, there are some light-colored rocks and a few smaller Joshua trees.

surfacing vocabulary

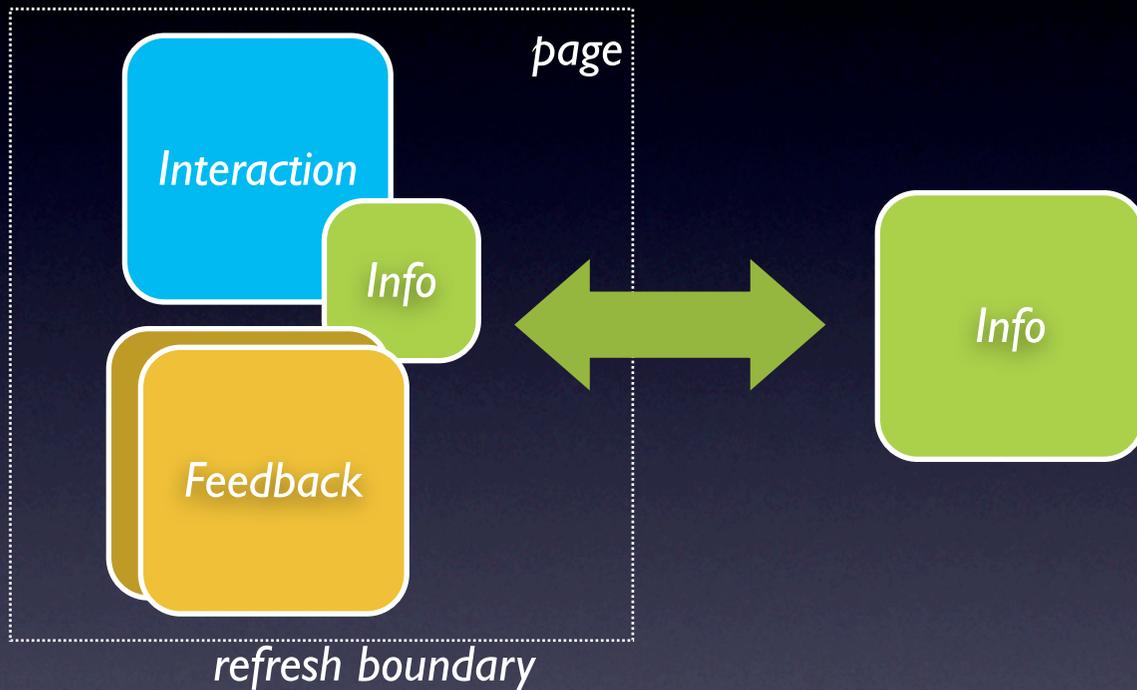
rich patterns

Drag and Drop. Drag and Drop Modules. In Page Editing. In Page Custom Editing. Direct State Editing. Grid Cell Editing. Inline Custom Editing. Inline Tag Editing. Popup Custom Editing. Slide-out Custom Editing. Inline Text Editing. Persistent Portals. Inline Reordering. Indication. Busy Indication. Cursor Busy. In Context Busy. In Context Progress. Inline Status. Auto Complete. Balloon Error Tip. Deferred Content Loading. Dynamic Goal. Narrowing Choices. Refining Search. Live Search. Dynamic Filter. Invitation. Cursor Invitation. Drop Invitation. Tool Tip Invitation. Hover Invitation. Detail Zoom. Opacity Focus. Configurable Module - Faceplate. Configurable Module - Flip It. Configurable Module - Inline Configure. Configurable Module - Slide Out Drawer. Slide Out. Flip. Opacity Fade. Endless Scrolling. Expandable Paging Boundary. Fresh Content. Hover Detail. In Place Drill Down. Inline Assistant. Inline Validation. Validate Then Suggest. On Demand Refresh. Periodic Refresh. Resizable Modules. Scrolling Modules. Auto Save. In Context Tools. Remembered Collection. Remembered Preferences. Auto Form Fill. Rating an Object. Transition. Brighten Transition. Cross Fade Transition. Dim Transition. Expand Transition. Fade In Transition. Fade Out Transition. Flip Transition. Move Transition. Self-Healing Transition. Collapse Transition. Slide Transition. Rich Internet Object. Available. Selected.

classic model. rich model.



interaction. feedback. information.



interaction + feedback + information = richness





Interaction

Feedback

Info

design principles for richness

Interaction

Feedback

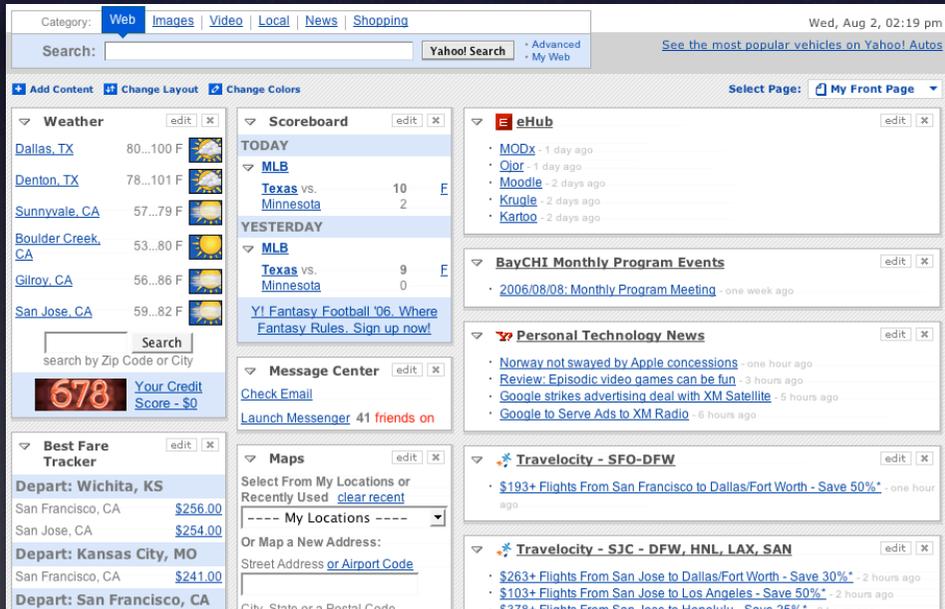
Info

interaction principles

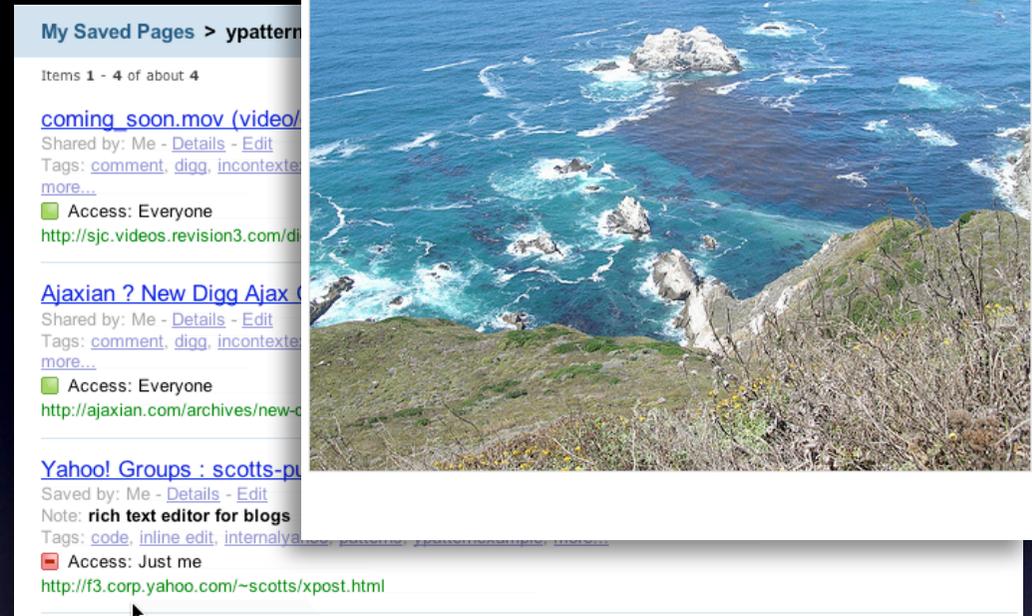
principle. make it direct.



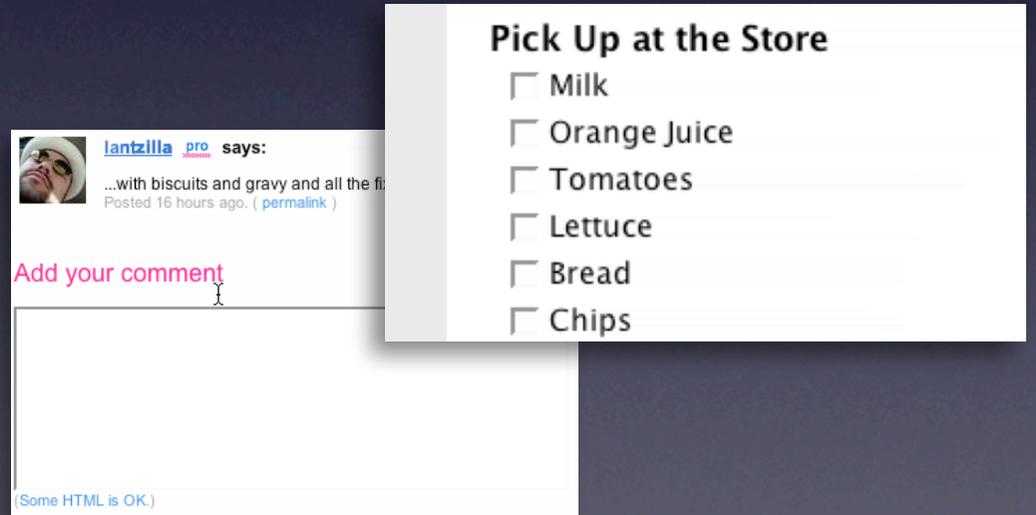
pattern. in-page action.



pattern. drag & drop.



pattern. inline editing.



pattern. in-context tools.

Inline Editing

Use inline forms where possible
Use lightweight popups for ancillary information



State park near our new home in San Jose
(next to Milpitas)

SAVE OR **CANCEL**

Scheduled Items

Wed 11/23/05 (day 1) - Yosemite Natl Pk, Yosemite National Park

[Yosemite Lodge](#) [View](#) | [Delete](#)

From \$97.00 to \$146.00 per night. [Reserve Now](#)

559-252-4848

Yosemite Natl Pk, CA 95389
United States

In the valley of Yosemite National Park

Notes: [[Edit](#)]

Tags: [[Edit](#)]

Dates: [[Add](#)]

Wed, Nov 23rd - Fri, Nov 25th [[Edit](#)]



[Tunnel View](#)

+1 209 372 1000

Wawona Rd
Yosemite National Park, CA 95389
United States

This breathtaking and spectacular sight is located on Highway 41 just north of Wawona, and just south of the Valley Floor. This popular spot is the most photographed view of the valley. It received



My Sav

Items 1

[comin](#)

Shared

Tags: [c](#)

[more...](#)

Access

[http://sj](#)

[Ajaxian ? New Digg Ajax Comment System](#)

Shared at 4:49 PM PST

[Email](#) - [IM](#) - [Delete](#)

Shared by: Me - [Details](#) - [Edit](#)

Tags: [comment](#), [digg](#), [incontextexpandpatte...](#), [inlinepageeditpatter...](#), [ratinganobjectpatter...](#), [more...](#)

Access: Everyone

[http://ajaxian.com/archives/new-digg-ajax-comment-system](#) - [My cached copy](#)

[Yahoo! Groups : scotts-pub Post Message](#)

Saved on February 16, 2006

[Email](#) - [IM](#) - [Delete](#)

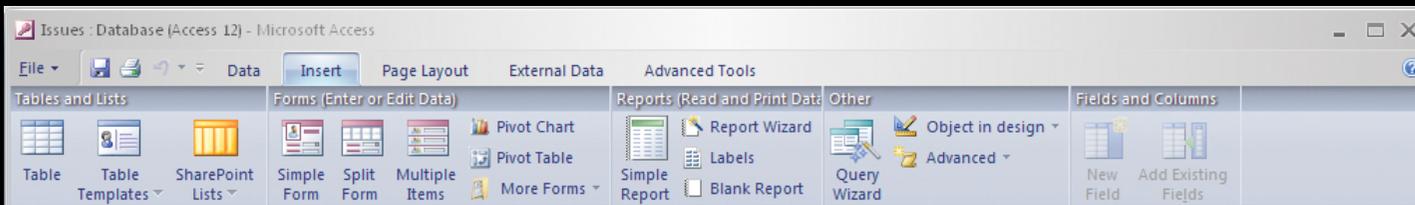
Saved by: Me - [Details](#) - [Edit](#)

Note: **rich text editor for blogs**

Tags: [code](#), [inline edit](#), [internalyahoo](#), [patterns](#), [ypatternexample](#), [more...](#)

Access: Just me

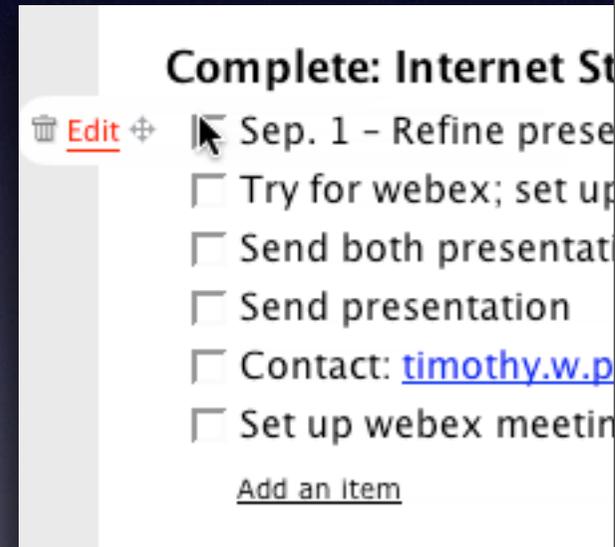
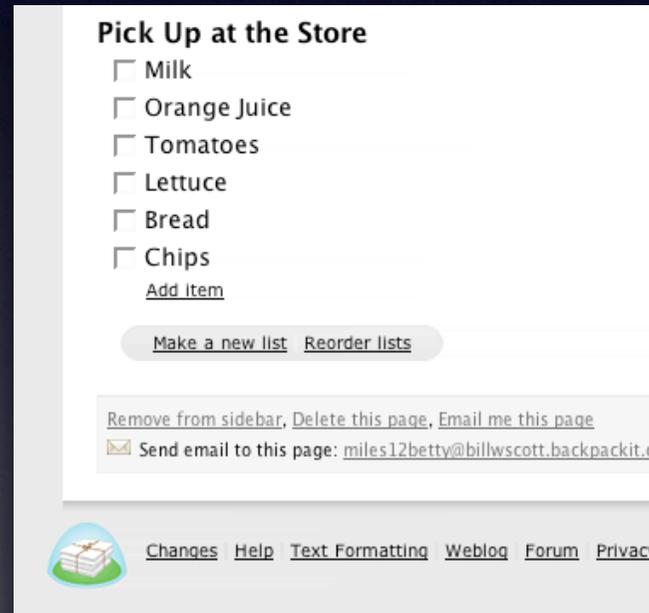
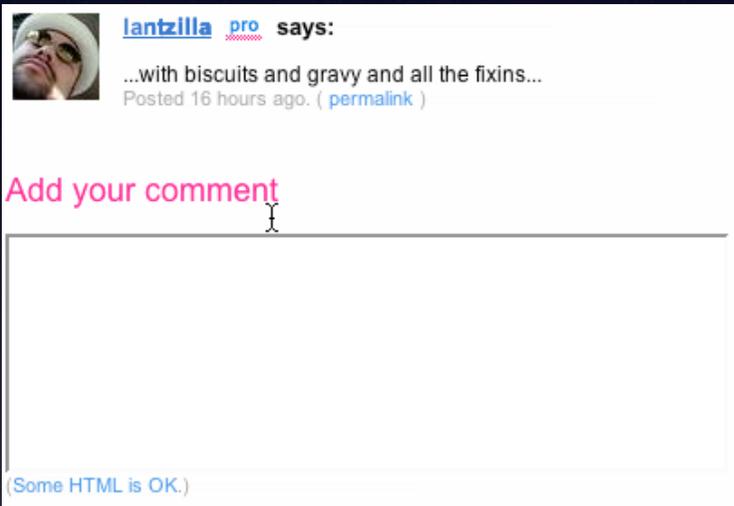
[http://f3.corp.yahoo.com/~scotts/xpost.html](#)



make it direct

In-context tools

Same as context menus
Only good for single objects
Can actually slow you down

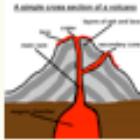
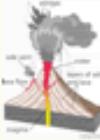
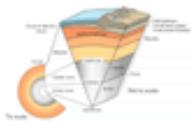


make it direct

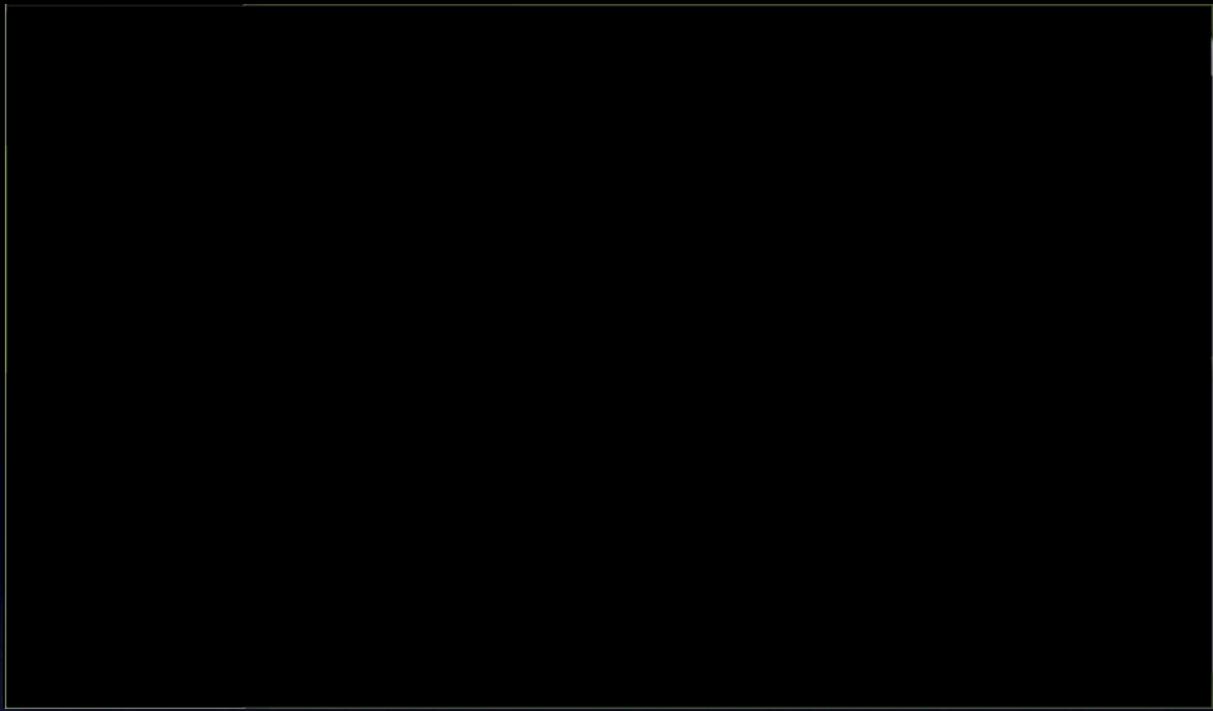
In-context tools

Same as context menus
Only good for single objects
Can actually slow you down
Watch out for hover & cover

 National Mapping - F... http://www.ga.gov.au...	 National Mapping - F... http://www.ga.gov.au...	 National Mapping - F... http://www.ga.gov.au...
 National Mapping - F... http://www.ga.gov.au...	 Volcano World - The ... http://volcano.und.e...	 Hawaii Volcanoes... http://www.nps.gov/a...
 National Mapping - F... http://www.ga.gov.au...	 Copy of Plateau - Wi... http://en.wikipedia....	 Copy of Gobble Image... http://beta.teachers...
 Copy of Gobble Image... http://beta.teachers...	 Copy of Gobble Image... http://beta.teachers...	 Copy of Alaska Volca... http://www.avo.alask...
 National Mapping - F... http://www.ga.gov.au...		

 Three-dimensional Ca... http://volcano.und.n...	 Three-dimensional Ca... http://volcano.und.n...	 Howstuffworks "... http://www.howstuffw...
 Internet Geography -... http://www.geography...	 Dictionary image: vo... http://education.yah...	<div data-bbox="1655 839 1974 1136"> Operation Montserrat... http://emissionhq.co... Copy Delete</div>
<hr/>		
<h3>Web sites (21)</h3>		
 How Volcanoes Work http://www.geology.s...	 Operation Montserrat... http://emissionhq.co...	 Howstuffworks "... http://www.howstuffw...

make it direct



WatchThisNext
Drag n' Drop DVD Recommendations

[Start Over](#) [Contact Us](#)

Mean Creek [Find out more](#)

Prokofiev - Ivan the Terrible / Mukhamedov, Bessmertnova, Taranda, Zhuraitis, Bolshoi Ballet [Find out more](#)

City Heat [Find out more](#)

The Rainmaker [Find out more](#)

Drag the DVDs into the boxes below

When we suggest a DVD you like, click the "find out more" link to see more information or buy the DVD.

Loved It
Or show me more like this.

Haven't Seen It
Or I'm not interested in it.

Loathed It
Or don't show me DVDs like this.

Classics

Featured Subgenre
CLASSIC COMEDIES

Recommendations

 **High Plains Drifter**
★★★★★
 Not Interested

Amid shoot-outs and existentialism, a mysterious stranger (Clint Eastwood, who also directs) is hired to protect a small town from outlaws. But his recipe for defense could be a deal with the devil, and soon, even the enigmatic gunslinger's ... [Read More](#)

 **The Great Escape**
★★★★★
 Not Interested

Director John Sturges's Oscar-nominated adventure classic follows the true tale of a group-escape attempt from one of Germany's toughest prisoner-of-war camps. Hundreds of Allied POWs join Roger "Big X" Bartlett (Richard Attenborough), Danny "The ... [Read More](#)

[More Recommendations >](#)

 **Fun with Dick and Jane**
★★★★★
 Not Interested

George Segal and Jane Fonda play Dick and Jane, two up-and-coming yuppies who exemplified the lifestyle before there was even a name for it. But when Dick loses his lucrative job, the two face a ... [Read More](#)

 **Monty Python's Life of Brian**
★★★★★
 Not Interested

The crown princes of British comedy are at it again -- this time, in a send-up of the life and times of Jesus Christ. Perhaps the most controversial

Use Drag & Drop where appropriate

Not for simply setting an attribute

Don't construct artificial visual constructs

Pick Up at the Store

- DRAG** Chips
- DRAG** Milk
- DRAG** Bread
- DRAG** Orange Juice2
- DRAG** Tomatoes
- DRAG** Lettuce

- What is spam?
- Can I transfer my message credits?
- How do I delete my HandyPay account?
- What if I didn't receive my full message package?
- I need to contact customer care regarding the Compose Text Message service.

make it direct

DVDs in Your Queue

Update Your Queue

Priority	Movie Title	Star Rating	MPAA	Genre	Availability	Remove	Move to Top
1	SCTV Network 90: Vol. 2: Disc 1	★★★★★	NR	Television	Now	<input type="checkbox"/>	▲
2	SCTV Network 90: Vol. 2: Disc 3	★ Series Disc ★	NR	Television	Now	<input type="checkbox"/>	▲
3	SCTV Network 90: Vol. 2: Disc 4	★ Series Disc ★	NR	Television	Now	<input type="checkbox"/>	▲
4	The Truman Show	★★★★☆	PG	Comedy	Now	<input type="checkbox"/>	▲
5	SCTV Network 90: Vol. 2: Disc 5	★ Series Disc ★	NR	Television	Now	<input type="checkbox"/>	▲
6	Take the Money and Run	★★★★☆	R	Comedy	Now	<input type="checkbox"/>	▲
7	The Gathering Storm	★★★★☆	NR	Drama	Now	<input type="checkbox"/>	▲

Flickr Slideshow

enter a username or keywords Username



YouTube Explorer

← → ↻ Search Videos

Featured Videos

-  New Rococo, Dvd Trailer
runtime: 01:14
by: [perplex](#)
-  A Message From Batman
runtime: 02:59
by: [jamball](#)
-  Real Sushi
runtime: 00:39
by: [sr82](#)

Use Drag & Drop where appropriate

Not for simply setting an attribute
Don't construct artificial visual constructs
Good for layout changes/re-organizing

Volcanic Hazards

When Lava Enters the Sea: Growth & Collapse of Lava Deltas



Photograph by C. Heliker on November 12, 1992.

Only four days old, this fan-shaped lava delta (center of image) extends about 200 m into the ocean on the southeast coast of Kilauea Volcano, Hawai'i. The diffuse plume of white steam at the leading edge of the delta indicates that several small lava flows are pouring into the ocean. Countless deltas have formed

Kilauea

Mauna Loa

Earthquakes

Other
Volcanoes

Volcanic
Hazards

Types
• Lava
Zones

About HVO

make it direct

YAHOO! GOBBLER™

Projects (8)

Geography: Land...

“ Only four days old, this fan-shaped lava delta (center of image) extends...” ”

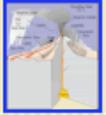
gobble this web page

Birds' Nests

“ As waves splash over the advancing...” ”

gobble this web page

Scratchpad



gobble this web page



Use Drag & Drop where appropriate

- Not for simply setting an attribute
- Don't construct artificial visual constructs
- Good for layout changes/re-organizing
- Good for grabbing items

Drag and Drop Modules - Interesting Moments Grid

	Currently on beta.my.yahoo.com	ID: Bill Scott & Eric Miraglia					Date: Nov-0	
	Mouse Hover	Mouse Down	Drag Initiated	Drag Over Valid Target	Drag Over Invalid Target	Drag Over Parent Container	Drop Accepted	Drop Rejected
Cursor							Normal Cursor	Normal Cursor
Tool Tip								
Drag Object	<p>Full Opacity</p>	<p>Reduced Opacity</p>	<p>Reduced Opacity</p>	<p>Reduced Opacity & Invalid Badge</p>	<p>Reduced Opacity</p>	<p>Modules animates into the area just below insertion bar</p>	<p>Modules animates back to the home area</p>	
Drop Target	<p>No insertion bar, just a gap</p>	<p>No insertion bar, just a gap</p>	<p>Insertion bar showing where it will drop</p>	<p>No insertion bar, just a gap</p>	<p>No insertion bar, just a gap & original hole frame of animation</p>	<p>Insertion bar is removed as first frame of animation</p>	<p>Module comes to rest in new area</p>	<p>Module comes back to rest at full opacity</p>

Take care of the interesting moments

Drag and Drop Modules - Interesting Moments Grid

ID: Bill Scott & Eric Miraglia

Date:

Initiated

Drag Over Valid Target

Drag Over Invalid Target

Drag Over Parent Container

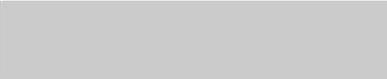
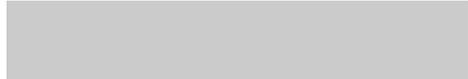
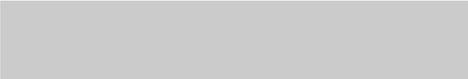
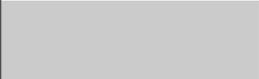
Drop Accepted

 CSS Move cursor

 CSS Move cursor

 CSS Move cursor

Normal Cursor



Message Center edit x
15 friends on

Message Center edit x
Check Email
Launch Messenger 15 friends on

Message Center edit x
Check Email
Launch Messenger 15 friends on

Message Center edit x
Check Email
Launch Messenger 15 friends on

Weather edit x
Search
search by Zip Code or City
Message Center edit x
Check Email
Launch Messenger 15 friends on

Reduced Opacity

Reduced Opacity & Invalid Badge

Reduced Opacity

Modules animates into the area just below insertion bar

Module comes to rest in new area

Modules slide up in a self-healing transition to close hole

Message Center edit x
15 friends on

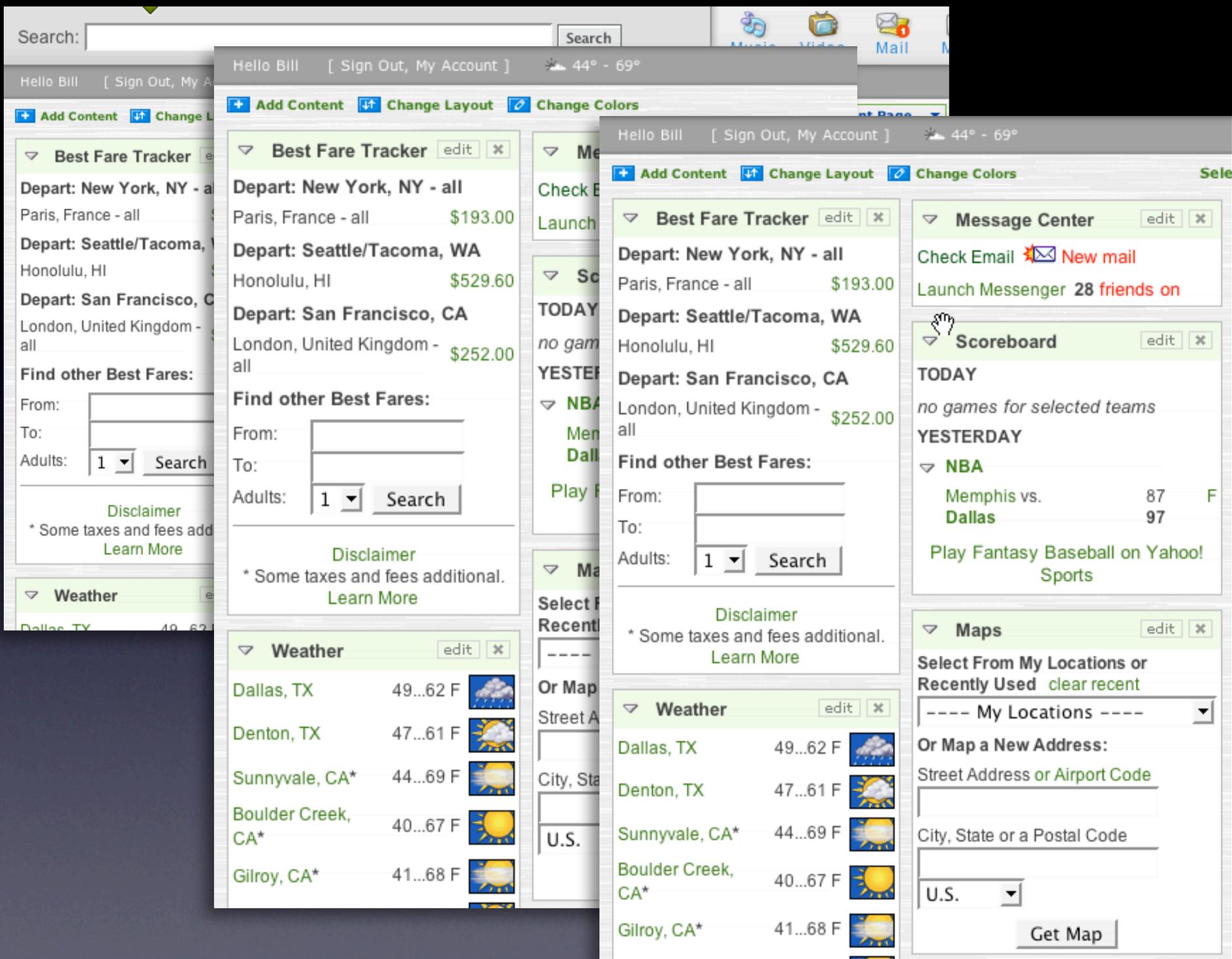
Weather edit x
Message Center edit x
Check Email
Add Content
Launch Messenger 15 friends on

Weather edit x
Search
search by Zip Code or City
Message Center edit x
Check Email
Add Content
Launch Messenger 15 friends on

Message Center edit x
Check Email
Launch Messenger 15 friends on
Weather edit x
Search
search by Zip Code or City
Add Content

Weather edit x
Message Center edit x
Search
search by Zip Code or City
Check Email
Add Content
Launch Messenger 15 friends on

Insertion bar is removed as first



Remove the “pain points”

Shorten the path

Keep actions immediate and light

Use hover, blur, focus; avoid heavy events

Classics

Recommendations



High Plains Drifter
★★★★★

Amid shoot-outs and existentialism, a mysterious stranger (Clint Eastwood, who also directs) is hired to protect a small town from outlaws. But his recipe for defense could be a deal with the devil, and soon, even the enigmatic gunslinger's ... [Read More](#)



The Great Escape
★★★★★

Director John Sturges's Oscar-nominated adventure classic follows the true tale of a group-escape attempt from one of Germany's toughest prisoner-of-war camps. Hundreds of Allied POWs join Roger "Big X" Bartlett (Richard Attenborough), Danny "The ... [Read More](#)

[More Recommendations >](#)

Featured Subgenre

CLASSIC COMEDIES



Fun with Dick and Jane
★★★★★

George Segal and Jane Fonda play Dick and Jane, two up-and-coming yuppies who exemplified the lifestyle before there was even a name for it. But when Dick loses his lucrative job, the two face a ... [Read More](#)



Monty Python's Life of Brian
★★★★★

The crown princes of British comedy are at it again -- this time, in a send-up of the life and times of Jesus Christ. Perhaps the most controversial

282 diggs

[Fixing the Mighty Mouse](#)

submitted by [usedmac](#) 1 day 1 hour ago (via [http://mac](#))

The Apple Mighty Mouse brings a slew of great feat with most new Mac systems it is becoming a comm one for close to a year now, I have found that the us Scroll Ball far outweigh its quirks.

| [blog this](#) | [email this](#) | category: [apple](#)

keep a light footprint

Create free listing

1. Choose category **2. Write listing** 3. Preview 4. Activate

You can edit every part of the listing directly by clicking on it. The print preview shows you how the printed listing will look in the Fundgrueb newspaper. Click on 'Continue', if all the fields marked * have been completed and you like the listing.

Computers & software • Sundry

Add title *

Add picture

Set price *

Add short description *

Add contact data and article location *

Date added: 16.12.2006

Detailed description

Add text (Appears only in the Internet listing)

Additional pictures

Add picture

Hint: you may add at most 4 pictures.

Back Continue

Design for engagement

Use invitations & feedback
Treat it like an impulse aisle

Do it in context

The Critics:
B-
[14 reviews](#)

My Grade:
Rate this Movie!

A
B
C
D
F

Select grade to the right
[write a review](#)

Yahoo! Users:
B+
[13199 ratings](#)

size & color overview

select Color: khaki
\$42.50

select Waist:

28W	29W	30W	31W
32W	33W	34W	35W
36W	38W	40W	42W
44W	46W		

select Length:

28L	29L	30L	31L
32L	33L	34L	

also in [tall](#)
(prices may vary)

select qty 1

[size chart](#) [more details](#)

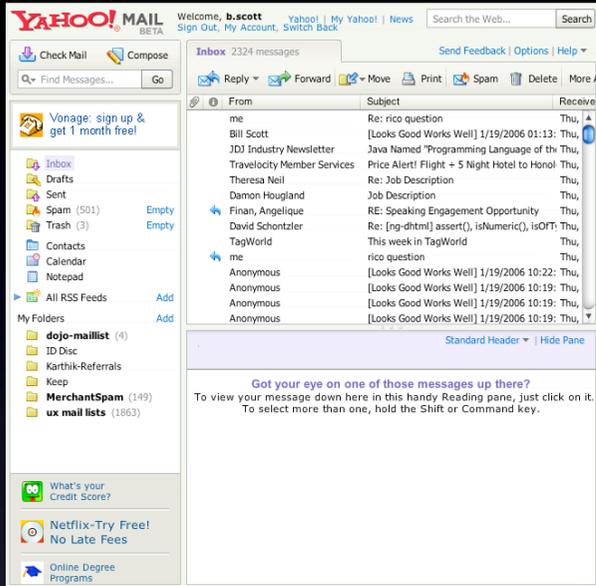
khaki
\$42.50
[add to bag](#)

stressfree classic fit flat front khakis
imported.
[exclusive colors](#)

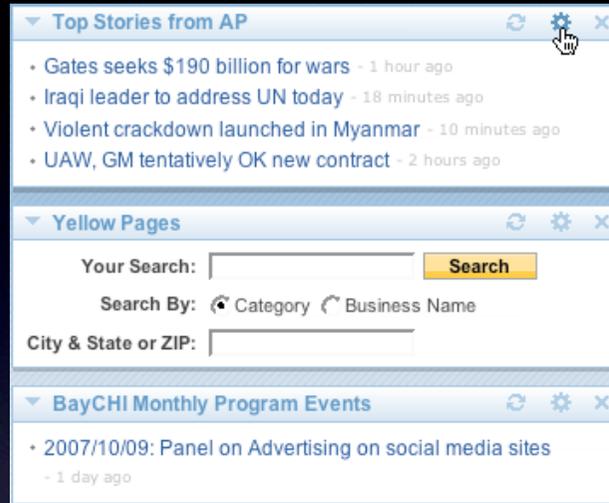
[more views](#)

principle. cross borders reluctantly.

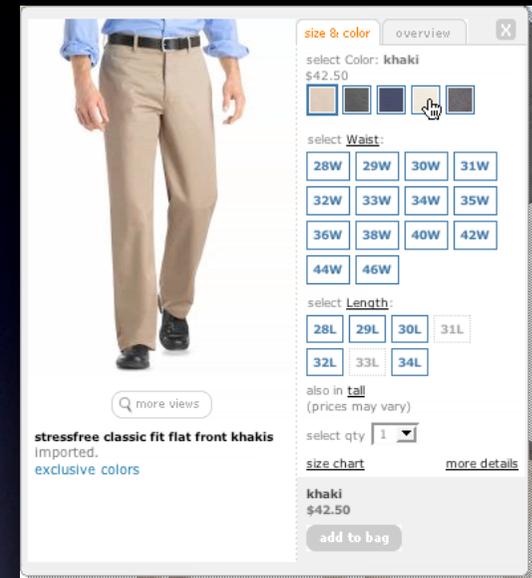
pattern. on-demand scrolling.



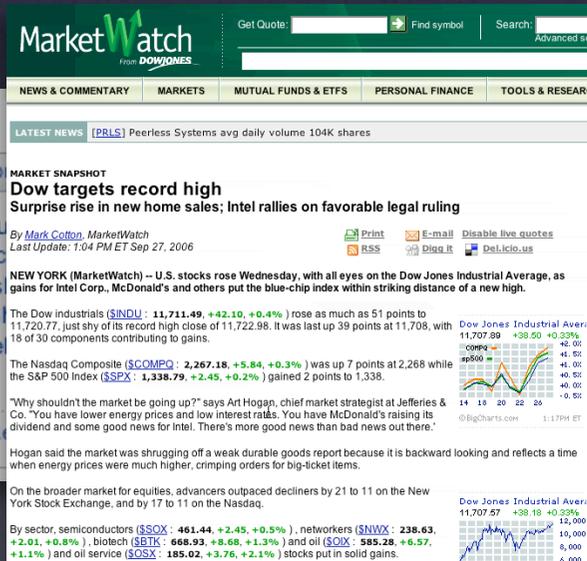
pattern. in-context expand.



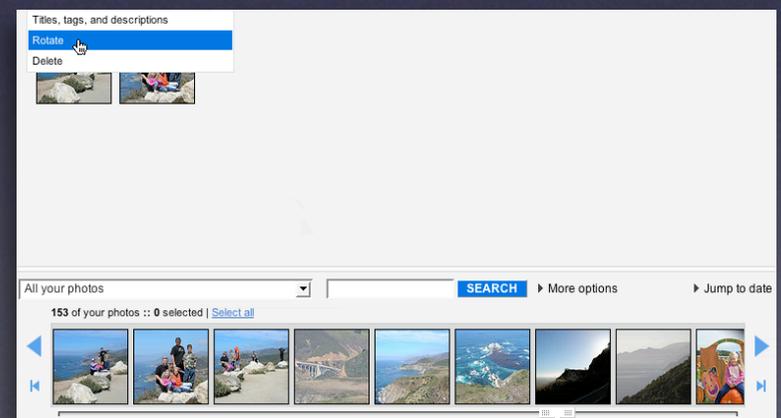
pattern. inline assistant.



pattern. hover details.

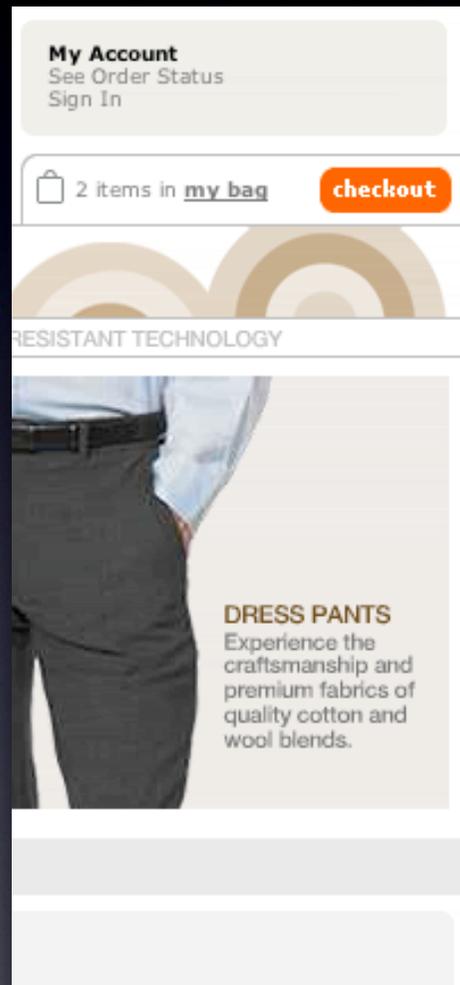
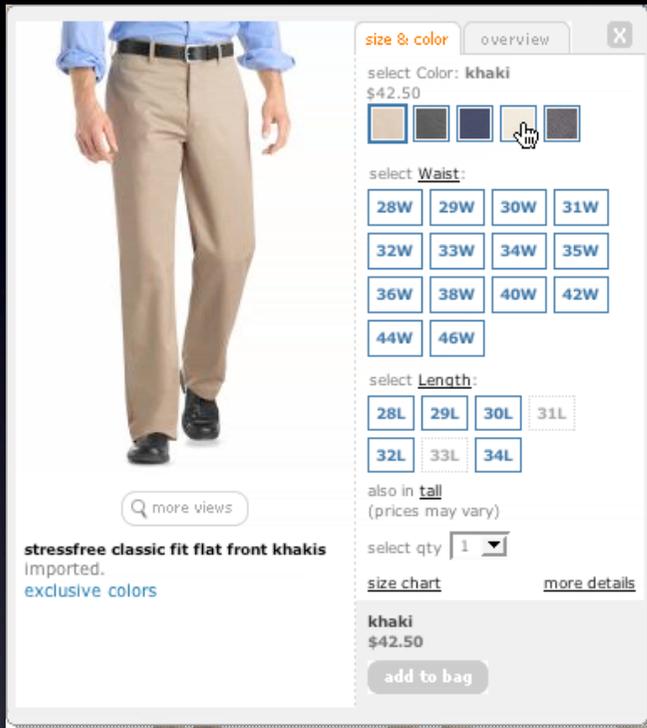


pattern. lightweight popup + lightbox.



Rethink process flows

It's the user's mental model, not the page model
Every page jump is a mental speed bump



cross borders reluctantly

Photo Click for info	Price	Bd/Ba Sq Ft	Address and Area Presented By	MLS # (Click for info)	More Photos (Click for view)	Virtual Tours (Click for view)
	\$1,750,000 Single Res	6+, 4+ 3700	14080 BEAR CREEK RD Boulder Creek, CA 95006 (San Lorenzo Valley) Schwarzbach Associates	550701	 MULTI	 TOUR
	\$1,995,000 Single Res	6+, 4+ 5675	17617 MOUNTAIN CHARLIE RD LOS GATOS, CA 95033 (Unincorporated Los Gatos Mtns) Almaden Oaks Realtors	608215	 MULTI	
	\$2,286,000 Single Res	5, 4+ 4800	20930 PANORAMA DR Los Gatos, CA 95033 (Los Gatos Mtns) Alain Pinel Realtors	604907	 MULTI	 TOUR
	\$2,750,000 Single Res	5, 4+ 5000	155 LARITA DR Ben Lomond, CA 95005 (San Lorenzo Valley) Network Alliance Real Estate	616947	 MULTI	
	\$2,777,000 Single Res	5, 4+ 5819	777 HAPPY VALLEY RD Scotts Valley, CA 95065 (Scotts Valley) Linda Burroughs Real Estate	616474	 MULTI	 TOUR

New Search << Previous Next >>

RICO AJAX SEARCH
LiveGrid Demonstration Powered by Yahoo! Search

Select Search Category: Web **Images** Videos

Search Images: flowers Search Yahoo!

Search Results Results 1 - 5 of about 1580284 for flowers

-  **flowers 025**
flowers021.jpg 110k 29Feb2004 flowers022.jpg 783k 29Feb2004 flowers023.jpg 186k
http://wp.li.ru/flowers
1024x768 - jpeg fmt - 0.3MB
-  **flowers 063**
flowers059.jpg 122k 29Feb2004 flowers060.jpg 134k 29Feb2004 flowers061.jpg 120k
http://wp.li.ru/flowers
1024x768 - jpeg fmt - 0.1MB
-  **flowers 045**
flowers041.jpg 277k 29Feb2004 flowers042.jpg 125k 29Feb2004 flowers043.jpg 744k
http://wp.li.ru/flowers
1024x768 - jpeg fmt - 0.1MB
-  **flowers 076**
flowers072.jpg 820k 29Feb2004 flowers073.jpg 160k 29Feb2004 flowers074.jpg 120k
http://wp.li.ru/flowers
1024x768 - jpeg fmt - 0.1MB
-  **flowers 019**
flowers015.jpg 781k 29Feb2004 flowers016.jpg 455k 29Feb2004 flowers017.jpg 143k
http://wp.li.ru/flowers
1024x768 - jpeg fmt - 0.3MB

Re-think paging

Use scrolling for "owned" data
Watch out for dual scroll bar issue
Hybrid of paging & scrolling

FEATURED RECIPES

-  Pear Bruschetta with Hazelnut Cream
-  Roasted Asparagus with Pine Nuts
-  Easy Cheesy Stuffed Chicken
-  Chewy Chocolate Gingerbread Cookies

- [Lonely elephants baffled by post-Katrina life](#)
- [Scientists study gorilla habitat](#)
- [Some birds stay aloft up to 10 years](#)
- [Inflation soaring high](#)
- [Fed wants banks to come into compliance](#)
- [Life after death - Is there proof?](#)

Bill, the following movies were chosen based on your interest in [Animal Crackers](#) [Something the Lord Made](#) [X2: X-Men](#)

NETFLIX

Browse **Recommendations**

Get Recommendations (86)

Recommendations

Movie suggestions based on your interests

NEW RECOMMENDATIONS



Samurai Series

★★★★★

Not Interested

Director Sam Peckinpah's mature, historical, hip-hop style, waitress and fight ... [Read More](#)



12 Angry Men

★★★★★

Not Interested

A guilty verdict means death -- but the jury's not about to let that spoil their day. Twelve men must decide the fate of an 18-year-old boy accused of fatally stabbing his father. Only one (Henry Fonda) wants to take the time to coolly deliberate ... [Read More](#)

[See All Recommendations >>](#)

CLASSICS

DRAMA

Independent (4)

Music & Musicals (10)

Romance (10)

Helpful Tip

◀ **Seen any of these movies?**



Name: **Micah Laaker**

Networks: Yahoo
Silicon Valley, CA

Details: You have worked at Yahoo! since 2005.
[\[edit details \]](#)

Status: Micah is cruisin' for a snoozin'.

[Send Message](#)

[Poke Micah!](#)

[View Friends](#)

[Remove Friend](#)



Name: **Mahmoud Lababidi**

Networks: Washington, DC
UF Alum '06
George Mason Grad Student '09
Google

Details: How do you know Mahmoud Lababidi?

[Send Message](#)

[Poke Mahmoud!](#)

[View Friends](#)

[Remove Friend](#)

Use Overlays

For more information
Replace page transition

When editing an individual, more complex item

Be symmetrical

Try not to disturb the page



Home



Prints & Gifts



View Cart



Settings



Help ▾

Search My Tags

[+ Upload Photos](#)



All My Photos

My Albums

Paris06

My Tags

My Friends' Photos

All My Photos

Slideshow

Create ▾

Share ▾

Edit ▾

Prints & Gifts ▾

Drag photos into this tray and choose a task above.

Sort by: [Date ▾](#)



Sunset



Underneath



View from the Top



Friendly advice for photo sharing.



Schedule View | Map View | Expand all

+ Add | Hotels | Things to do | Restaurants | Shopping | Entertainment | + Create Item

Trip Album | Add Photos »

Yosemite National Park

John Muir Vernal Falls Mist Trail Hike » Schedule

Scheduled Items

Wed 11/23/05 (day 1) - Yosemite Natl Pk, Yosemite National Park

- Yosemite Lodge
- Tunnel View
- Bridalveil Falls Day Hike

My Saved Pages > ypatternexample

Items 1 - 4 of about 4 | Sort by: Date Saved | [Dropdown]

[coming_soon.mov \(video/quicktime Object\)](#) | Shared at 4:49 PM | Email | IM | D

Shared by: Me - [Details](#) - [Edit](#)

Tags: [comment](#), [digg](#), [incontextexpandpatte...](#), [inlinepageeditpatter...](#), [ratinganobjectpatter...](#), [more...](#)

Access: Everyone

http://sjc.videos.revision3.com/diggation/coming_soon.mov

[Ajaxian ? New Digg Ajax Comment System](#) | Shared at 4:49 PM | Email | IM | D

Shared by: Me - [Details](#) - [Edit](#)

Tags: [comment](#), [digg](#), [incontextexpandpatte...](#), [inlinepageeditpatter...](#), [ratinganobjectpatter...](#), [more...](#)

Access: Everyone

<http://ajaxian.com/archives/new-digg-ajax-comment-system> - [My cached copy](#)

[Yahoo! Groups : scotts-pub Post Message](#) | Saved on February 16, | Email | IM | D

Saved by: Me - [Details](#) - [Edit](#)

Note: **rich text editor for blogs**

Tags: [code](#), [inline edit](#), [internalyahoo](#), [patterns](#), [ypatternexample](#), [more...](#)

Access: Just me

<http://f3.corp.yahoo.com/~scotts/xpost.html>

Use in-context expands

For editing part of a collection
 Need to see surrounding context
 For managing content modules

Stock Market | edit [icon]

ISG	31.89	-0.01 (-0.03%)
DJIA	12445.52	+28.76 (0.23%)
NASDAQ	2457.20	+3.35 (0.14%)
NYSE	9140.39	-6.81 (-0.07%)
S&P 500	1427.09	+1.60 (0.11%)

Delayed at least 15 minutes unless otherwise indicated. [Disclaimer](#)

Use real-estate creatively

Use slideouts

Use in-place zoom

Remember the backstage

Featured Entertainment Sports Money



Animal cams gone wild

Webcams that view pandas in action are perpetually popular, while live eagle cams are taking flight. [» More](#)

[Panda pics](#) [Webcams](#)

- More Yahoo! Buzz Log



Celebrity spirits haunt Hollywood hot spots



The wild world of animal webcams



San Jose Sharks fans should be booed



Four-day rain swamps New England

[» More Featured](#)

Hi, **b.scott** Sign Out



[Mail](#)



[Messenger](#)



[Radio](#)

From	Subject	Date
Bill Scott	test	May 15,2006
Kirk Vorsatz	Contact Info f...	May 15,2006
Nate Koechley	RSVP, Attendi...	May 15,2006
PayPal	PayPal Securi...	May 15,2006

[» View All Mail](#)



Weather
59° - 88°



Local



Movies

Blog | Report

Web | Images | Video | Local | Shopping

MY YAHOO! BETA

Search:

Yahoo! **My Front Page** x Blogs [Add Page](#)

[My Quicklinks](#)

[Personalize this page](#)

[Travel ideas and insights](#)

My Netflix

New Top Rentals At Home Queue

Knocked Up



[Add](#)

Next



[Add](#)

Evening



Bug



Top Stories from AP

- Gates seeks \$190 billion for wars - 1 hour ago
- Iraqi leader to address UN today - 16 minutes ago
- Violent crackdown launched in Myanmar - 25 minutes ago
- UAW, GM tentatively OK new contract - 2 hours ago

Yellow Pages

Your Search: [Search](#)

Search By: Category Business Name

City & State or ZIP:

BayCHI Monthly Program Events

- 2007/10/09: Panel on Advertising on social media sites - 1 day ago

Yahoo! Mail Preview

From	Subject	Received
David Verba	a bit of news	Wed Sep 26, 2007 09:22 am
Facebook	Facebook C	Wed Sep 26, 2007 09:15 am
5969Van Scott	Chuck	Wed Sep 26, 2007 08:32 am
trina macdonald	Follow up re:	Wed Sep 26, 2007 07:29 am
Maike Möws	AW: AJAX in	Wed Sep 26, 2007 06:22 am

Refresh

Local - San Jose, CA

[Change](#)



[» Go to my Local profile](#)

key principle

Interaction

prefer direct,
lightweight,
in-page interaction

Interaction

Feedback

Info

feedback principles

principle. give live feedback.

pattern. live suggest.

Ask Your Question: Enter Your Question and Check Spelling

Asking costs you 5 points. You can ask 5 more questions today.
You have 198 points. Earn more points by [answering](#) other people's questions.

1. Enter your question
Be more specific for better answers.

2. Add details (optional)
The more details you provide, the better your results will be.

You have 110 characters to work with. Please follow our [community guidelines](#).

You have 1000 characters to work with.

pattern. auto complete.

To:

Cc:

Subject:

Times New Roman | 12 | **B** | *I* | U | | | | | | | |

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[Flights](#) | [Hotels](#) | [Cars](#) | [Deals](#) | [Best Fare Buzz](#)

Round-trip One-way Multi-city

From:

Leave: 2/15/2006 Time: Anytime

Travelers: 1

Prefer Nonstop

for [hundreds of airlines](#).

To:

Return: 2/22/2006 Time: Anytime

Cabin: Economy

pattern. busy indicator.

pattern. live previews.

Find a domain name:

www.

(ex. [widgetdesigns.com](#))

pattern. periodic refresh.

MarketWatch

Get Quote: Find symbol Search: [Advanced search](#)

NEWS & COMMENTARY | **MARKETS** | MUTUAL FUNDS & ETFs | PERSONAL FINANCE | TOOLS & RESEARCH

LATEST NEWS [\[MCD\]](#) UBS ups McDonald's price target to \$46 from \$44

MARKET SNAPSHOT

Dow targets record high

Surprise rise in new home sales; Intel rallies on favorable legal ruling

By [Mark Cotton](#), MarketWatch
Last Update: 1:04 PM ET Sep 27, 2006

NEW YORK (MarketWatch) – U.S. stocks rose Wednesday, with all eyes on the Dow Jones Industrial Average, as gains for Intel Corp., McDonald's and others put the blue-chip index within striking distance of a new high.

The Dow industrials ([\\$INDU](#): 11,709.25, +39.86, +0.3%) rose as much as 51 points to 11,720.77, just shy of its record high close of 11,722.98. It was last up 39 points at 11,708, with 18 of 30 components contributing to gains.

The Nasdaq Composite ([\\$COMPO](#): 2,267.12, +5.78, +0.3%) was up 7 points at 2,268 while the S&P 500 Index ([\\$SPX](#): 1,338.76, +2.42, +0.2%) gained 2 points to 1,338.

"Why shouldn't the market be going up?" says Art Hogan, chief market strategist at Jefferies & Co. "You have lower energy prices and low interest rates. You have McDonald's raising its dividend and some good news for Intel. There's more good news than bad news out there."

Hogan said the market was shrugging off a weak durable goods report because it is backward looking and reflects a time when energy prices were much higher, crimping orders for big-ticket items.

On the broader market for equities, advancers outpaced decliners by 21 to 11 on the New York Stock Exchange, and by 17 to 11 on the Nasdaq.

By sector, semiconductors ([\\$SOX](#): 461.30, +2.31, +0.5%), networkers ([\\$NWGX](#): 238.62, +2.00, +0.8%), biotech ([\\$BTK](#): 668.91, +8.66, +1.3%) and oil ([\\$OILX](#): 585.23, +6.52, +1.1%) and oil service ([\\$OSX](#): 185.03, +3.77, +2.1%) stocks put in solid gains.

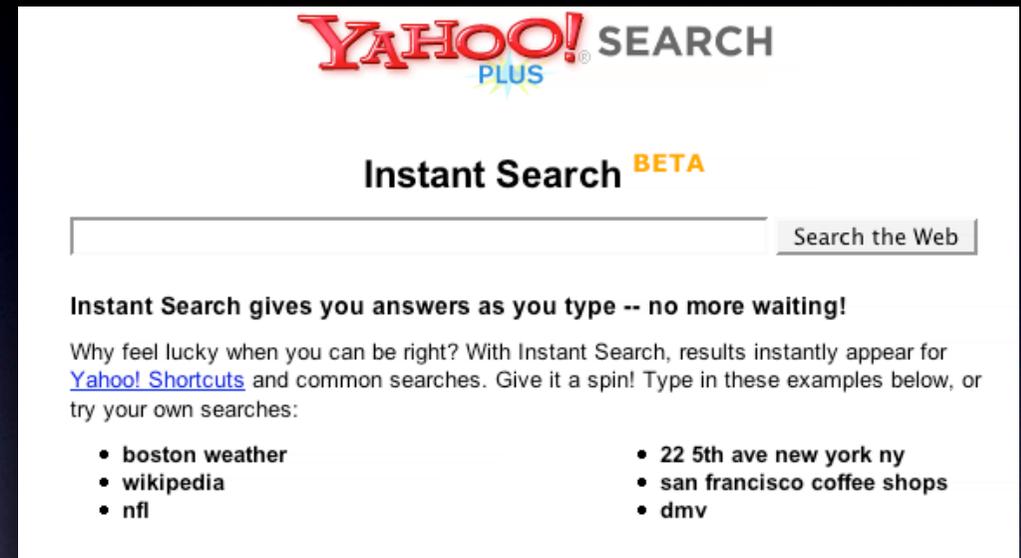
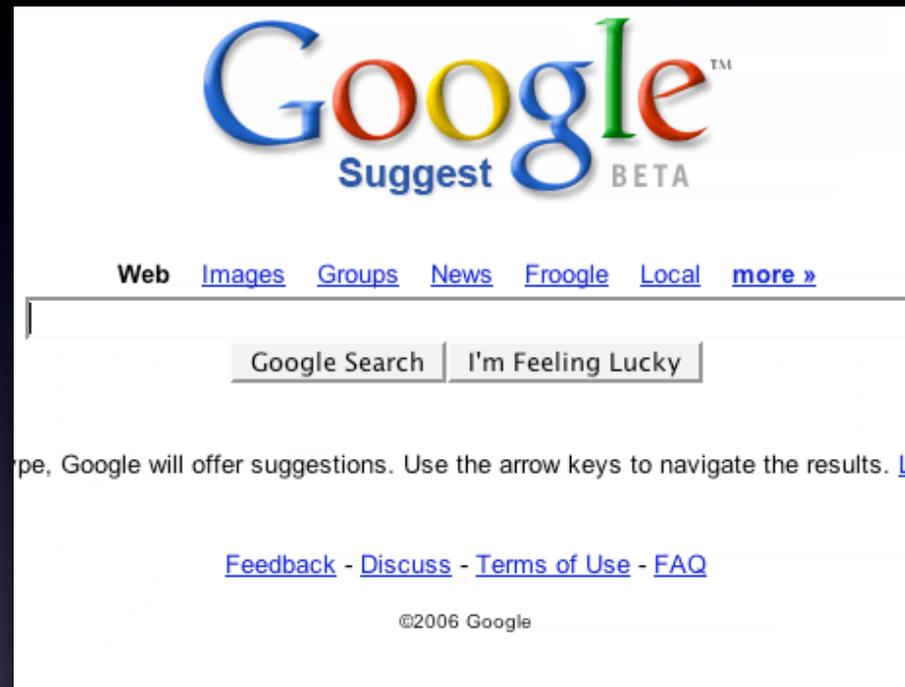
11,707.89	+38.60	+0.33%
-----------	--------	--------

\$SOX	461.30	+2.31	+0.5%
\$NWGX	238.62	+2.00	+0.8%
\$BTK	668.91	+8.66	+1.3%
\$OILX	585.23	+6.52	+1.1%
\$OSX	185.03	+3.77	+2.1%

Keep the goal in mind

Design for relevancy

Is it narrowing or distracting



Keep the goal in mind

Design for relevancy

Is it narrowing or distracting?

Use feedback to boost confidence

Let the user iterate where possible

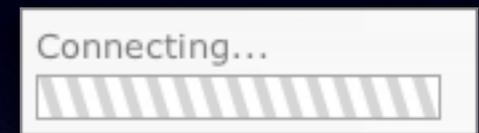
The screenshot shows the alltheweb search engine interface. The search bar contains the text 'monterrey'. Below the search bar, a list of suggestions is visible, including 'monterrey mexico', 'monterrey nl mexico', 'arena monterrey', 'tec de monterrey', 'tecnologico de monterrey', 'monterrey nuevo leon', 'monterrey mexico map', 'universidad de monterrey', and 'cablevision monterrey'. The search results page displays 'Results 1 - 10 of about 8,620,000 for monterrey'. A 'Did you mean' suggestion for 'monterrey' is shown. The results are categorized into 'SPONSOR RESULTS' and 'News Results for monterrey'. The 'SPONSOR RESULTS' section includes links to Expedia.com, Travelocity, and Weichert.com. The 'News Results' section includes a link to FC Dallas's roster and a Yahoo! Shortcut. Below the sponsored results, there is a 'Yahoo!' message and a link to 'All About Monterrey'. The 'All About Monterrey' section provides a city guide and a link to the Wikipedia page for Monterrey. The Wikipedia entry describes Monterrey as the capital city of the northeastern Mexican state of Nuevo León and the municipal seat of the municipality of the same name. It also mentions the divided highway Monterrey-Salttillo-Matehuala-Mexico City and passenger trains. Quick links for Geography, Government, Transportation, and Public Safety, Industry, and Business are provided. The page also includes a 'Refine Search' button and 'Tell a Friend' and 'Feedback' links.

give live feedback

Shape user perception

Make time pass faster

Make application feel more responsive



give live feedback

http://levdr.mvm.com - Dressing Room

Landsend.com PERSONALIZE MY VIRTUAL MODEL MY FIT E-MAIL MY MODEL HELP

What you're wearing:
Sweaters
Men's Cashmere Turtleneck Sweater
Product Details
\$129.50
What's my size?
Choose a color:
Buy this item
Remove Item
Great go together
Items that go great with what you are wearing

FIND AN ITEM GREAT GO TOGETHER MY FAVORITES
Sweaters
Sweaters

Men's Cashmere V-neck Sweater Vest
Men's Full Zip Cardigan
Men's Cashmere Cable Crew Sweater
Men's Cashmere Crew Sweater
Men's Cashmere V-neck Sweater
Men's Cashmere Turtleneck Sweater

Turn
zoom sign in create my model remove out fit buy out fit

© My Virtual Model Inc., 2004. Privacy policy Terms of service My Virtual Model Experience

Find a domain name:

www.
(ex. widgetdesigns.com)

Required information for Google account

Your current email address:
e.g. myname@example.com. This will be your username and sign-in.

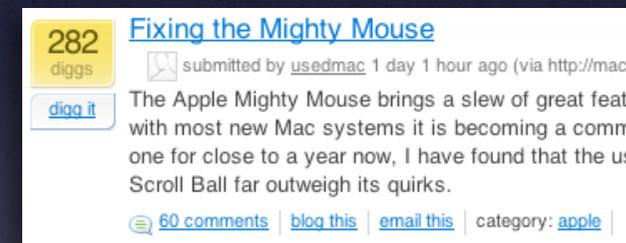
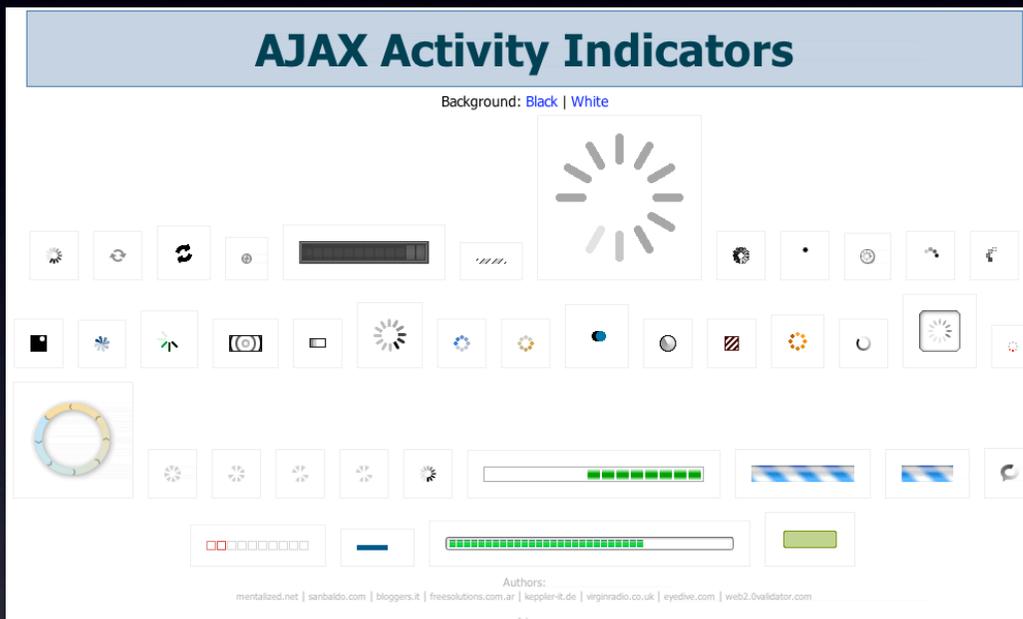
Choose a password:
Minimum of 6 characters in length. [Password strength](#): Too short

Prevent errors before-hand

Ounce of preventive design worth pound of error-handling

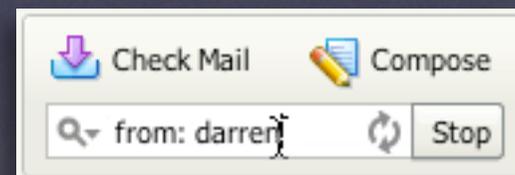
Look before you leap

Use live-previews



Keep feedback focused

- Use laws of proximity in context feedback
- Respect feedback bandwidth
- Avoid side-noise (periphial distractions)



give live feedback

Blueprint music
POWERED BY LASZLO
IN ASSOCIATION WITH amazon.com.

Search

Your Recommendations:

- Come Away with Me
Norah Jones
Our Price: \$10.97
- Bounce
Bon Jovi
Our Price: \$13.98
- Up!
Shania Twain
Our Price: \$12.99
- The Rising
Bruce Springsteen
Our Price: \$8.99
- Buena Vista Social Club
Ry Cooder
Our Price: \$13.99
- Nothing's in Vain
Youssou N'Dour
Our Price: \$18.98
- Lost in Space
Aimee Mann
Our Price: \$13.99
- Under Rug S
Alanis Morisse
Our Price: \$
- Sacred Love
Sting
Our Price: \$18.98
- Midnight Ra
Big Head Todd
Our Price: \$

SHOPPING CART
WISH LIST
CHECK OUT

Jaldi Search India: Find Top Picks, Related Results
Find what you seek in India by searching Web pages, Auctions, Books, Music, Electronics, E-products or News- all from same place: Top picks, related results.

Jaldi Search

Search: [Web pages](#) [Auctions](#) [Books](#) [Music](#) [Electronics](#) [E-products](#) [News](#)

Ajax - search results

Keep feedback focused

Use laws of proximity in context feedback

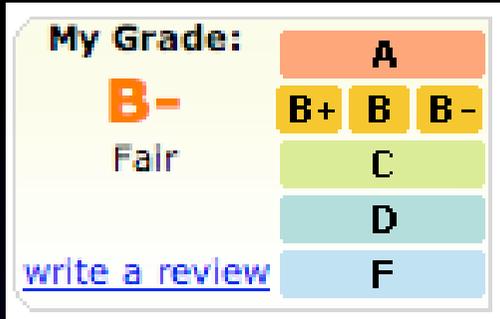
Respect feedback bandwidth

Avoid side-noise (periphial distractions)

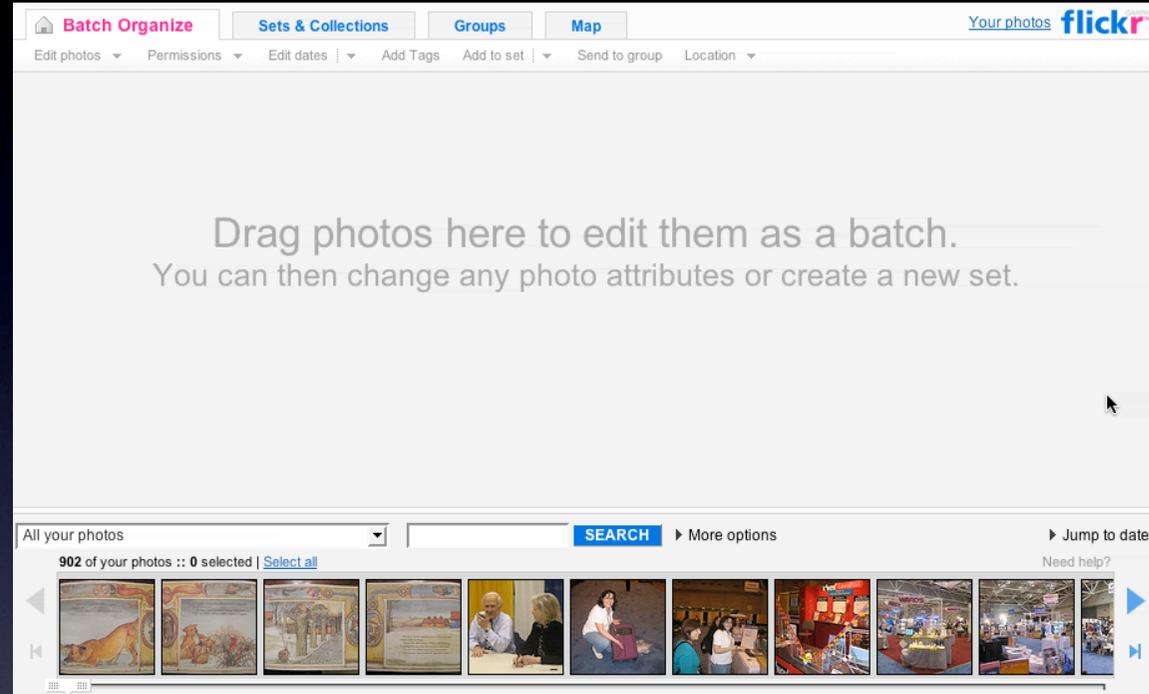
Use nuance

principle. offer an invitation.

pattern. hover invitation.



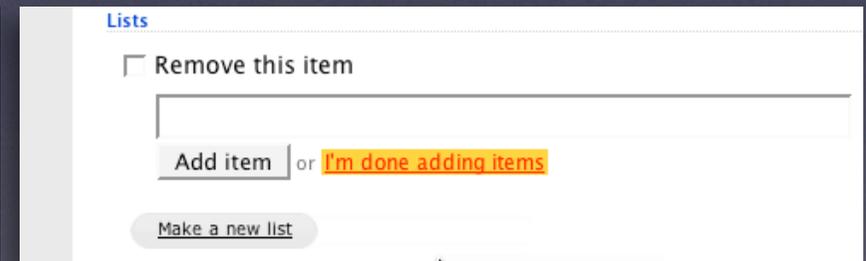
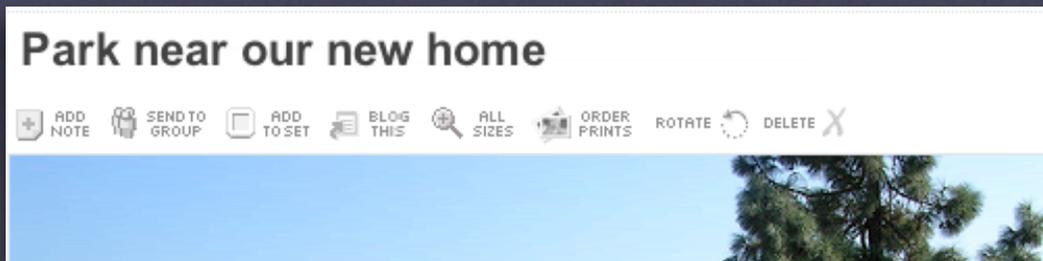
pattern. drag invitation. drop invitation.



pattern. tour invitation.

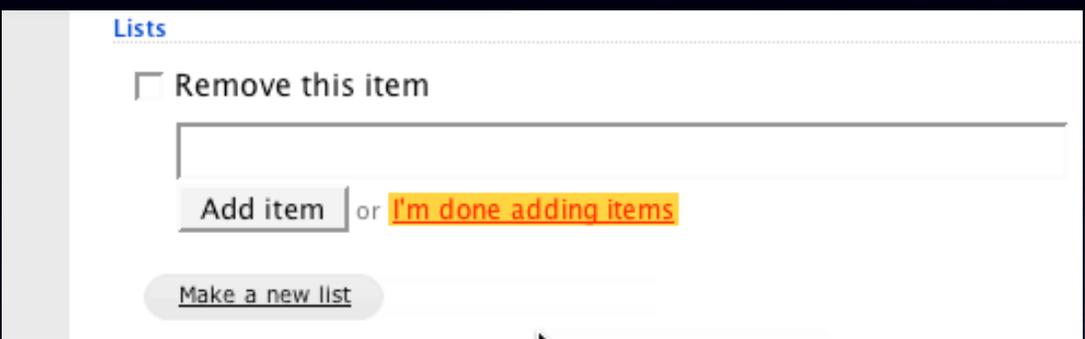
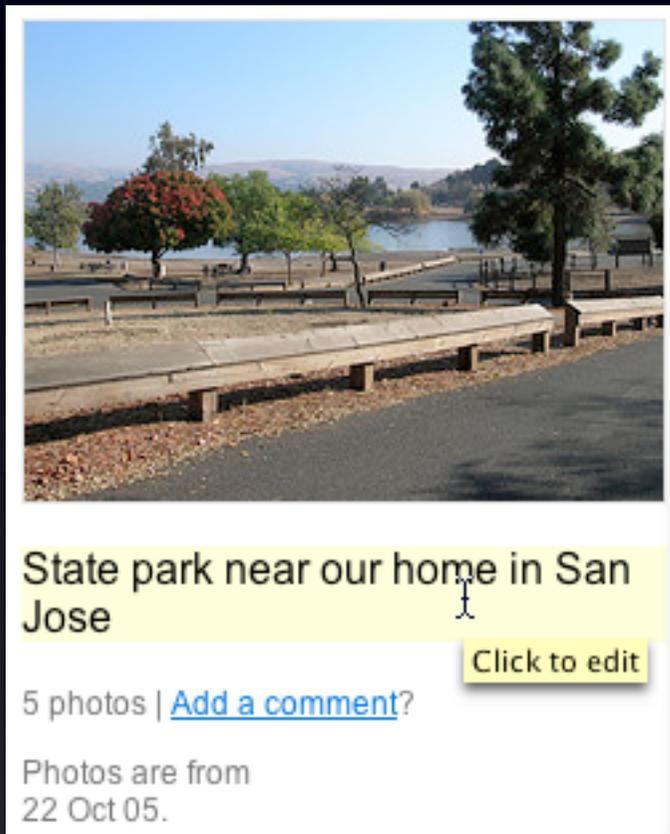


pattern. tooltip invitation + hover invitation + cursor invitation.



Discoverability

No easy answer
Use the hover to reveal interaction
Use the familiar to teach the new
Tours are generally a band-aid
Can't flag all interactions



offer an invitation

Bridge the new with the old

Hyperlinks as actions

Reveal with hovers

Drop down clues

17%

Tue 12/05/06
9:04 AM



40°

San Jose, CA

H 67° L 41°

WED



67° 45°

Pick Up at the Store

- Milk
- Orange Juice
- Tomatoes
- Lettuce
- Bread
- Chips



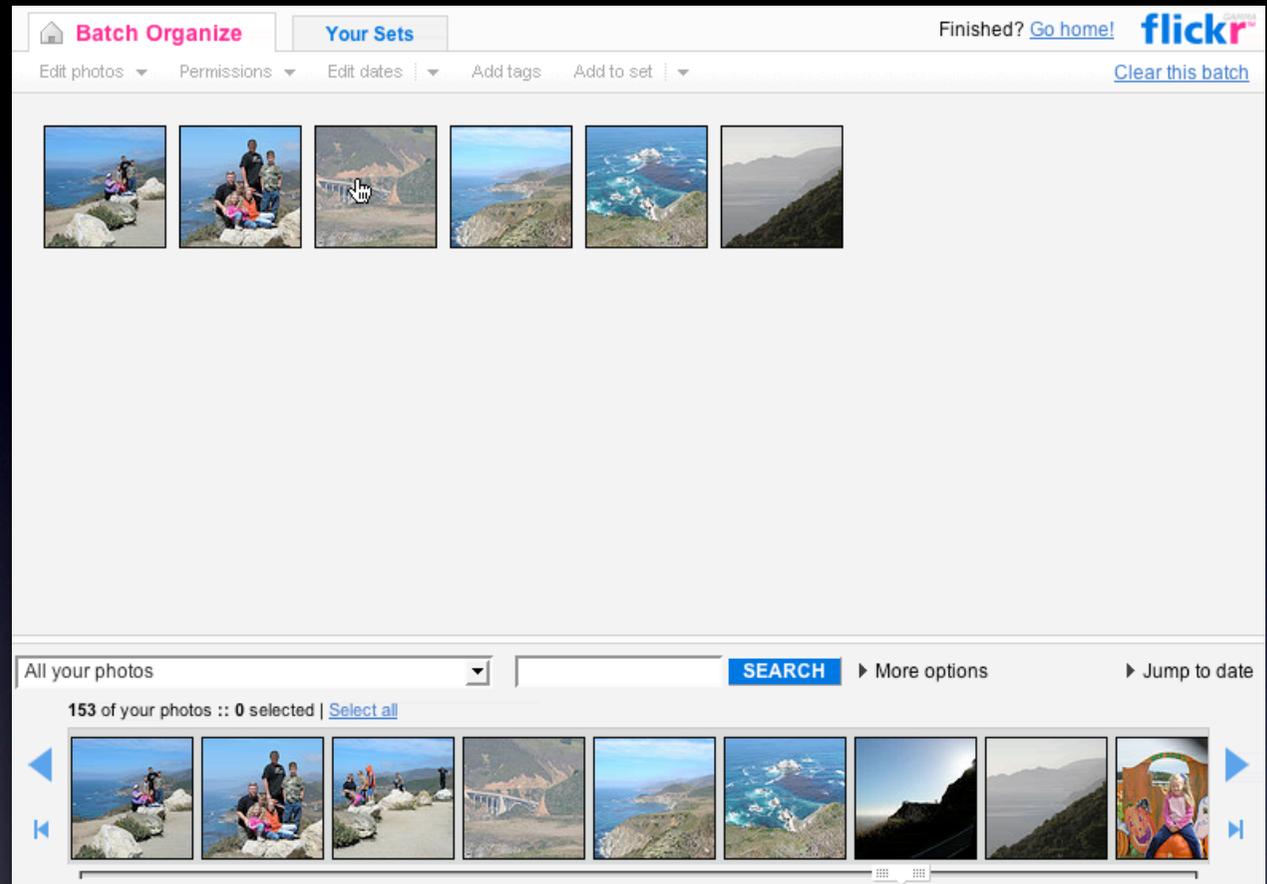
[lantzilla pro](#) says:

...with biscuits and gravy and all the fixins...
Posted 16 hours ago. ([permalink](#))

Add your comment

(Some HTML is OK.)

offer an invitation



My Grade:

	A
B-	B+ B B-
Fair	C
	D
write a review	F

Park near our new home

Make it inviting
Treat it as a welcome mat
Use hover, cursor, tooltip, and page
Keep the noise down

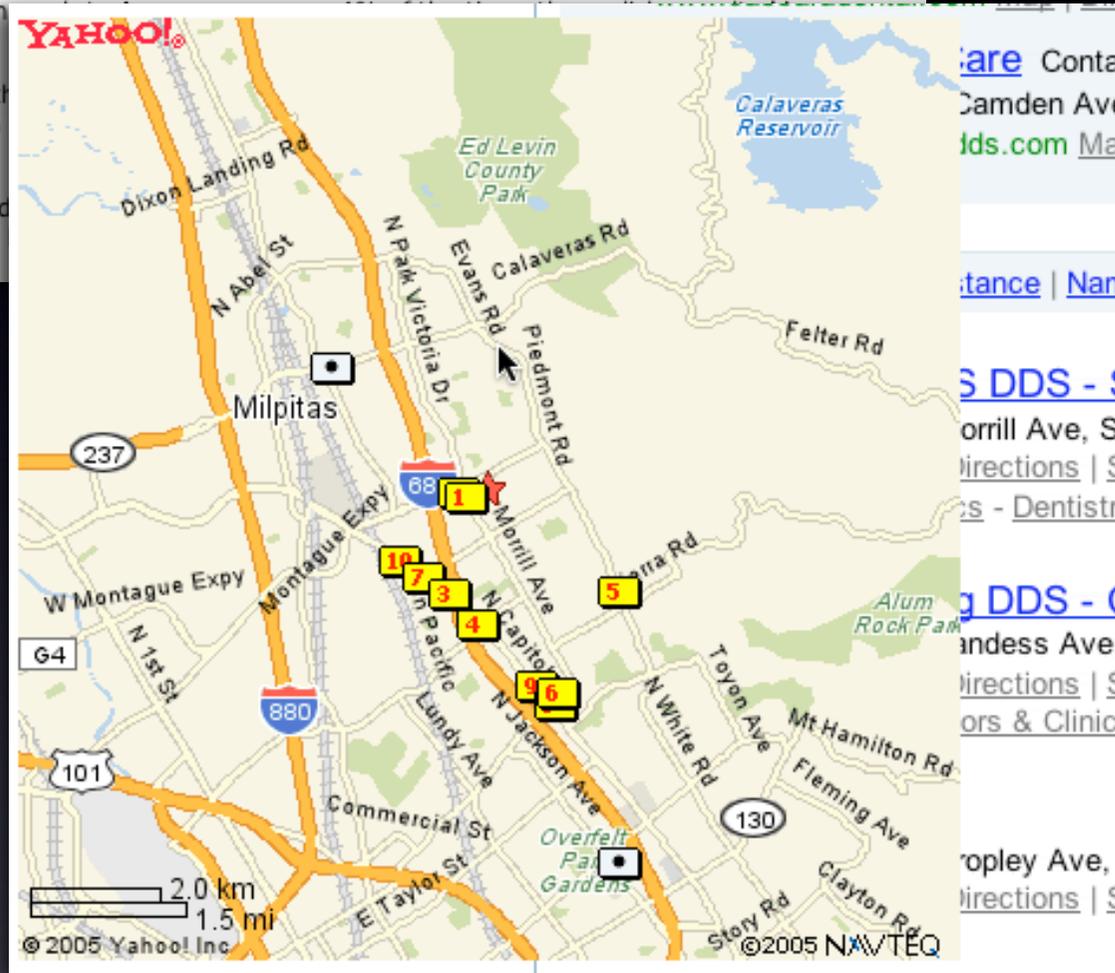
To see a product preview in action, hover over the link below.



Forty Associates recently added product previews to their Web site as part of a small beta program. During the beta, visitors to Associate sites who viewed a product preview clicked through to purchase nearly 6% of the time.

Now we're opening the beta up to all Associates to further explore. A product preview-enhanced link will receive a [testing product previews](#).

Don't worry if you don't already have Basic Display Product Previews. [Click here](#) for answers to questions you might have.

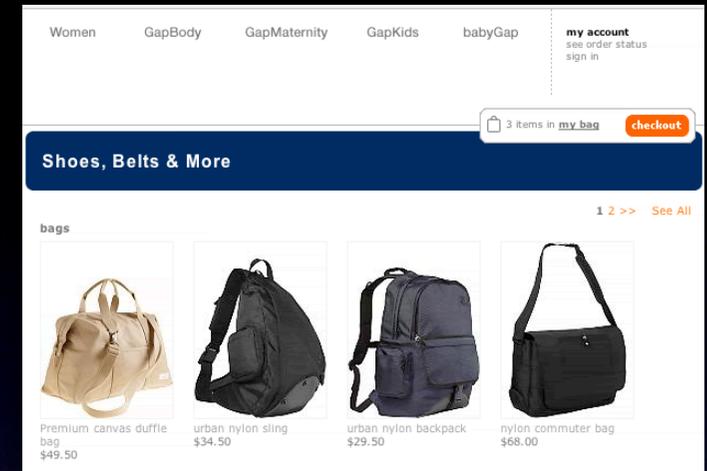
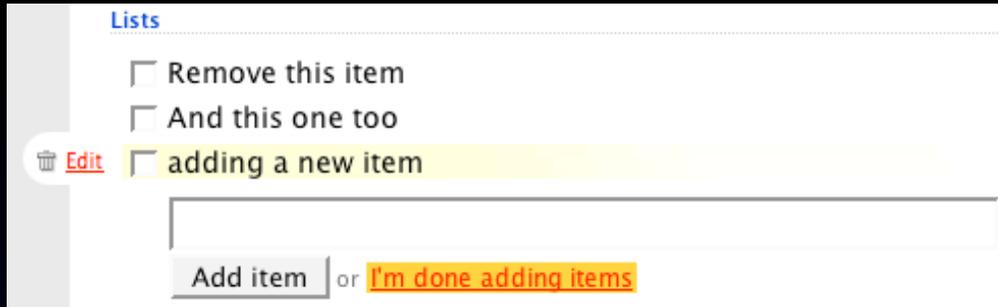


Keep actions out of it

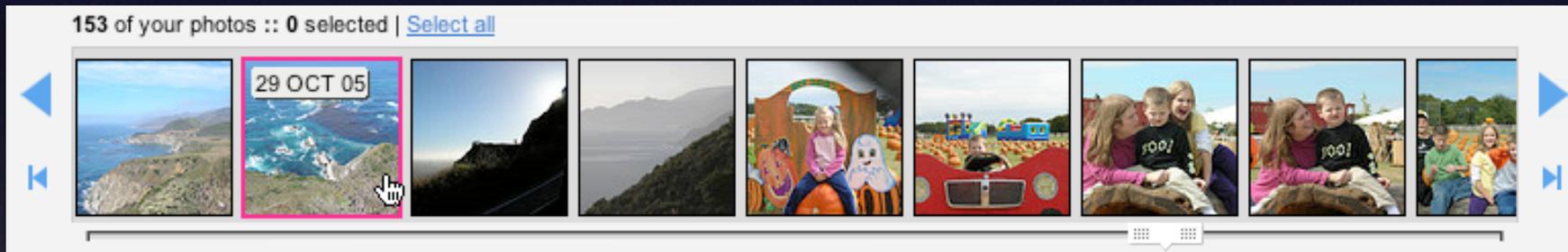
Let the user feel free to explore
Don't proselytize

principle. show transitions.

pattern. fade transition + self-healing transition.

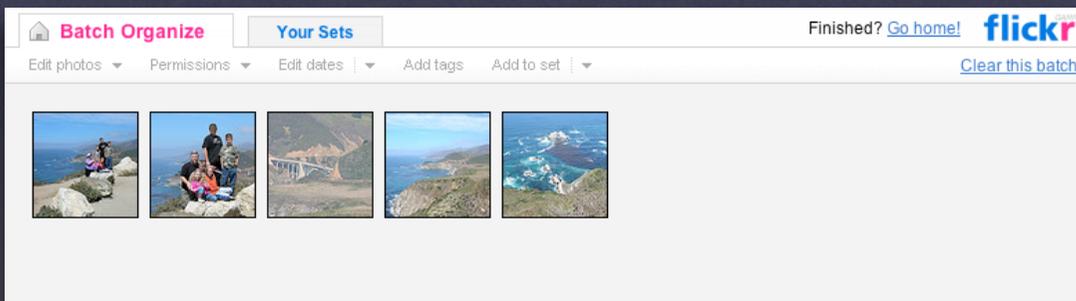


pattern. slide transition.



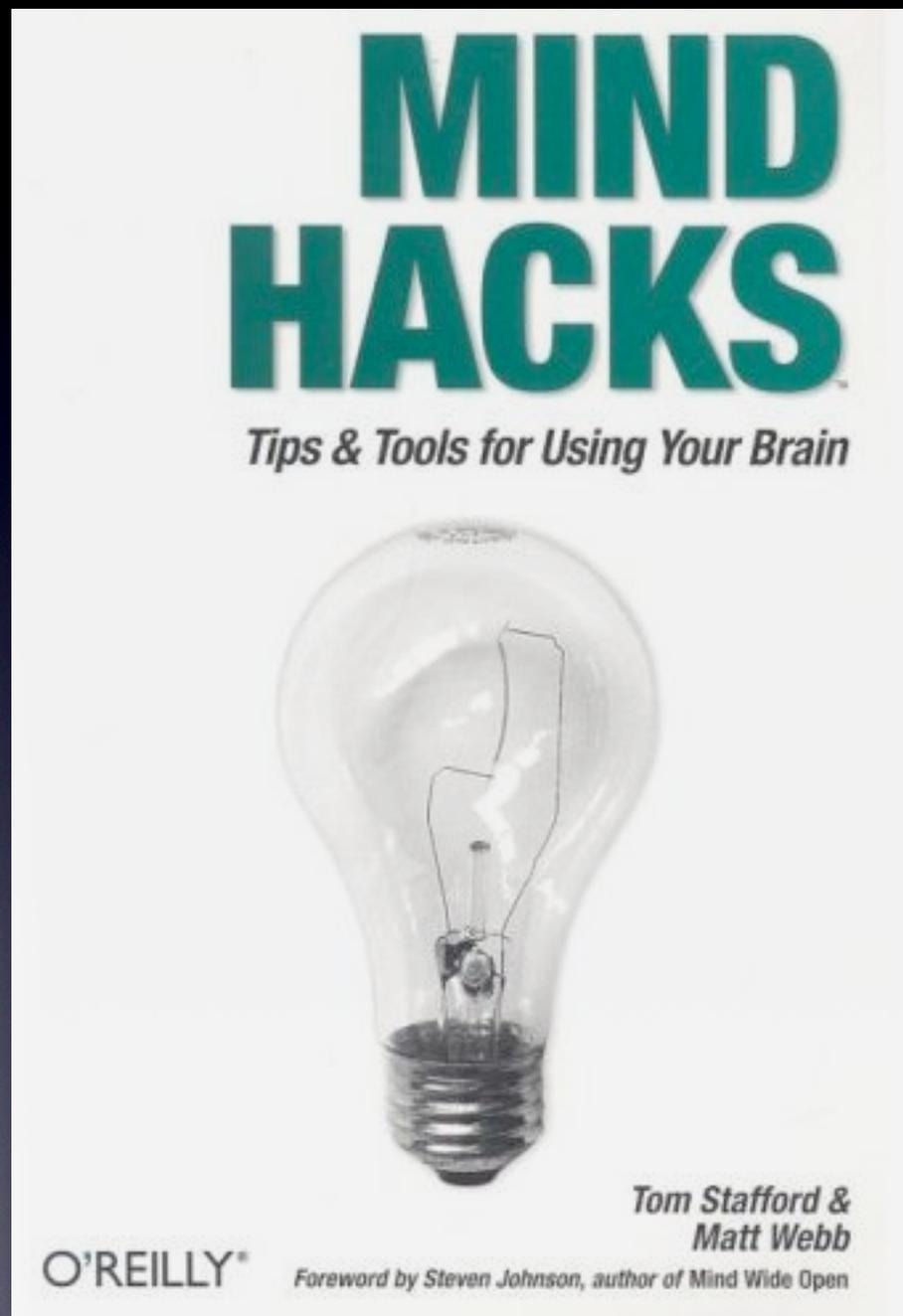
pattern. zoom box.

pattern. active spotlight.



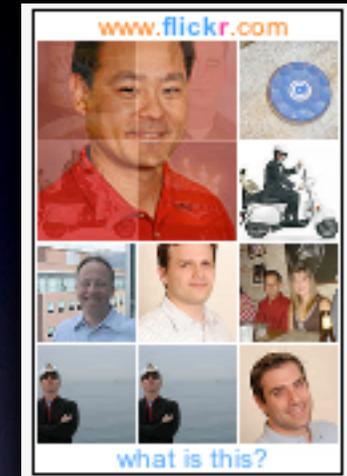
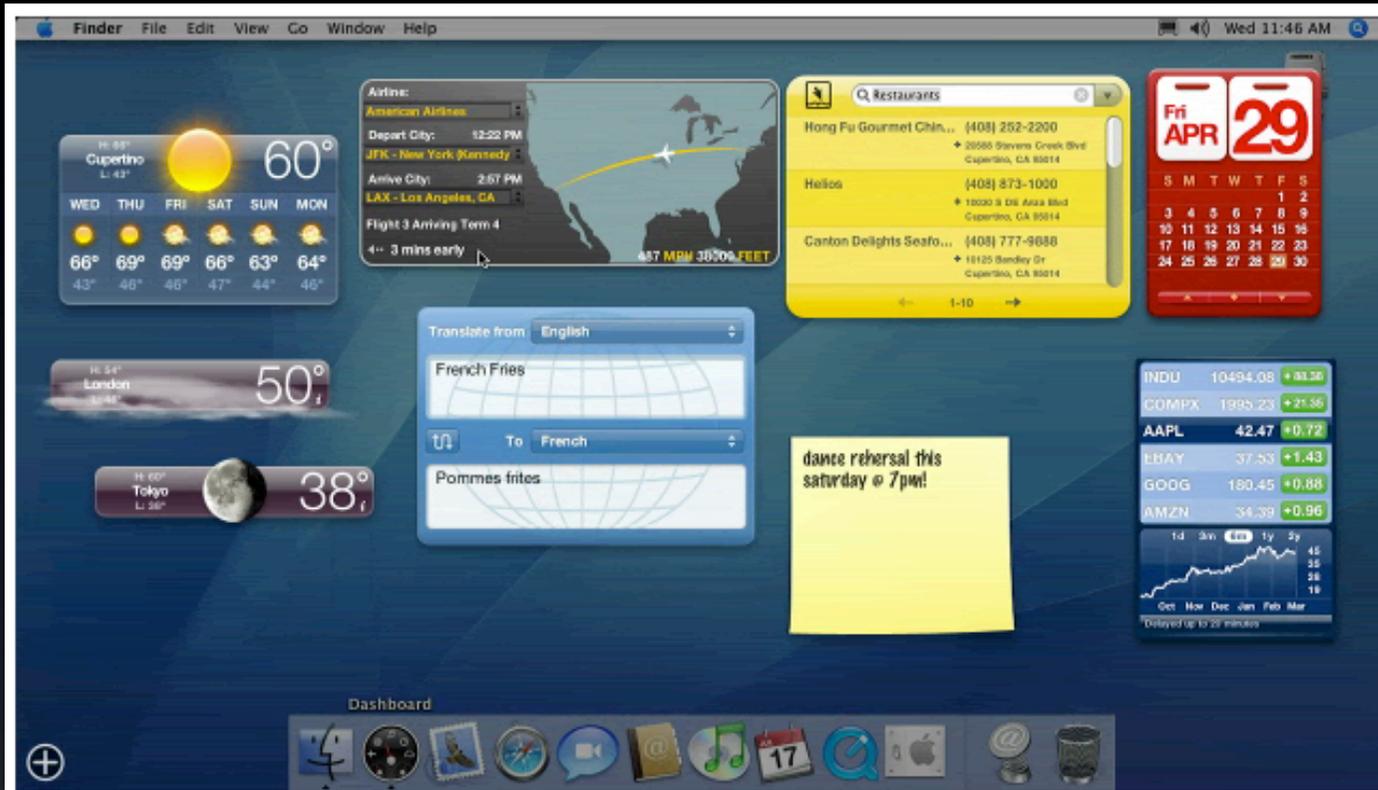
Speak to the brain

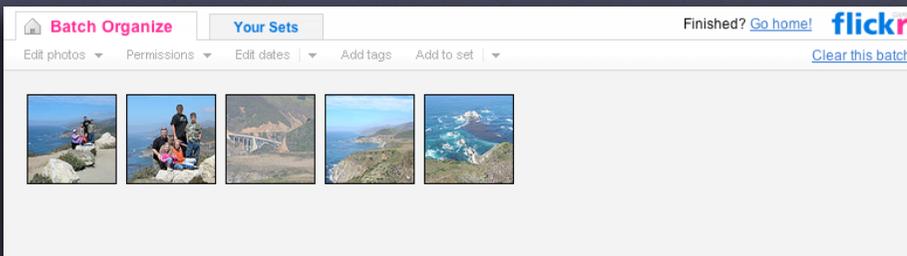
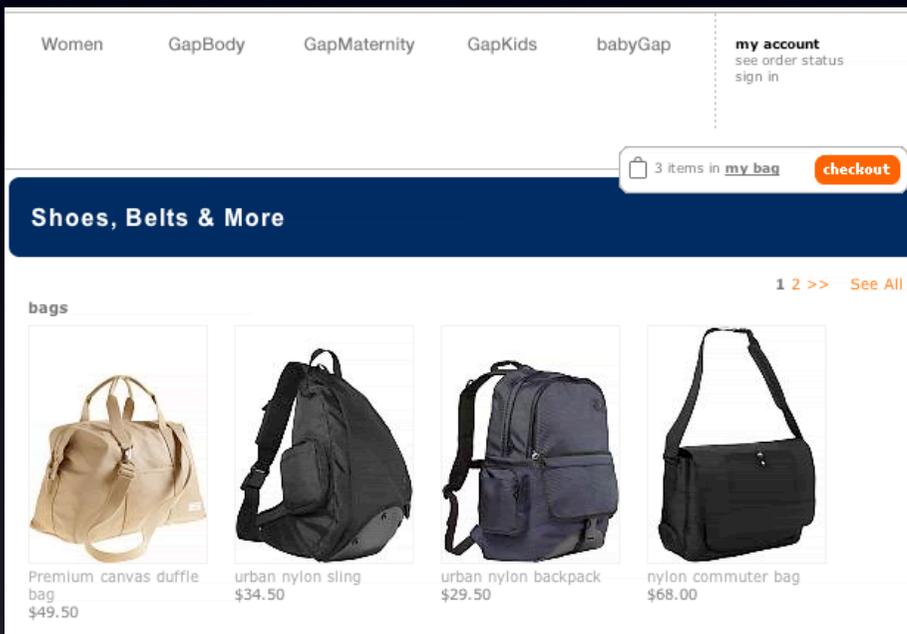
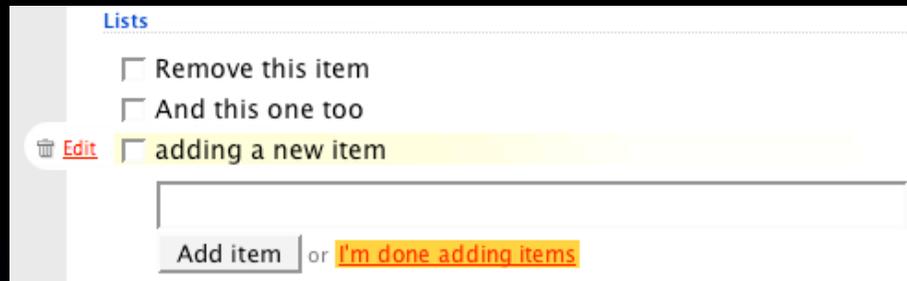
Understanding attention processing



Speak to the brain

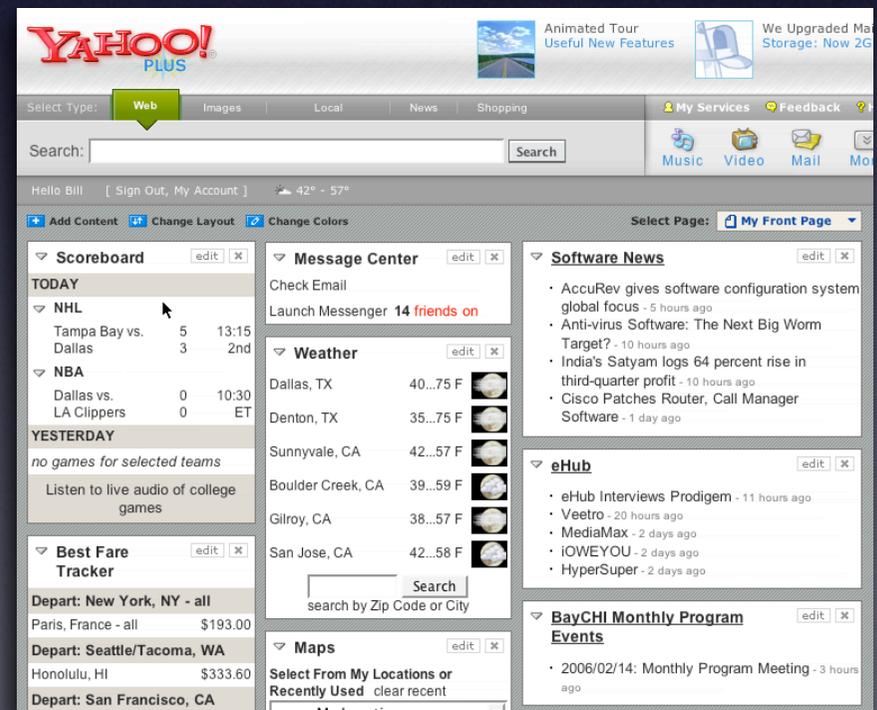
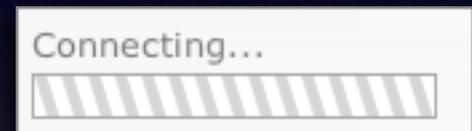
Understanding attention processing
Sending the wrong message



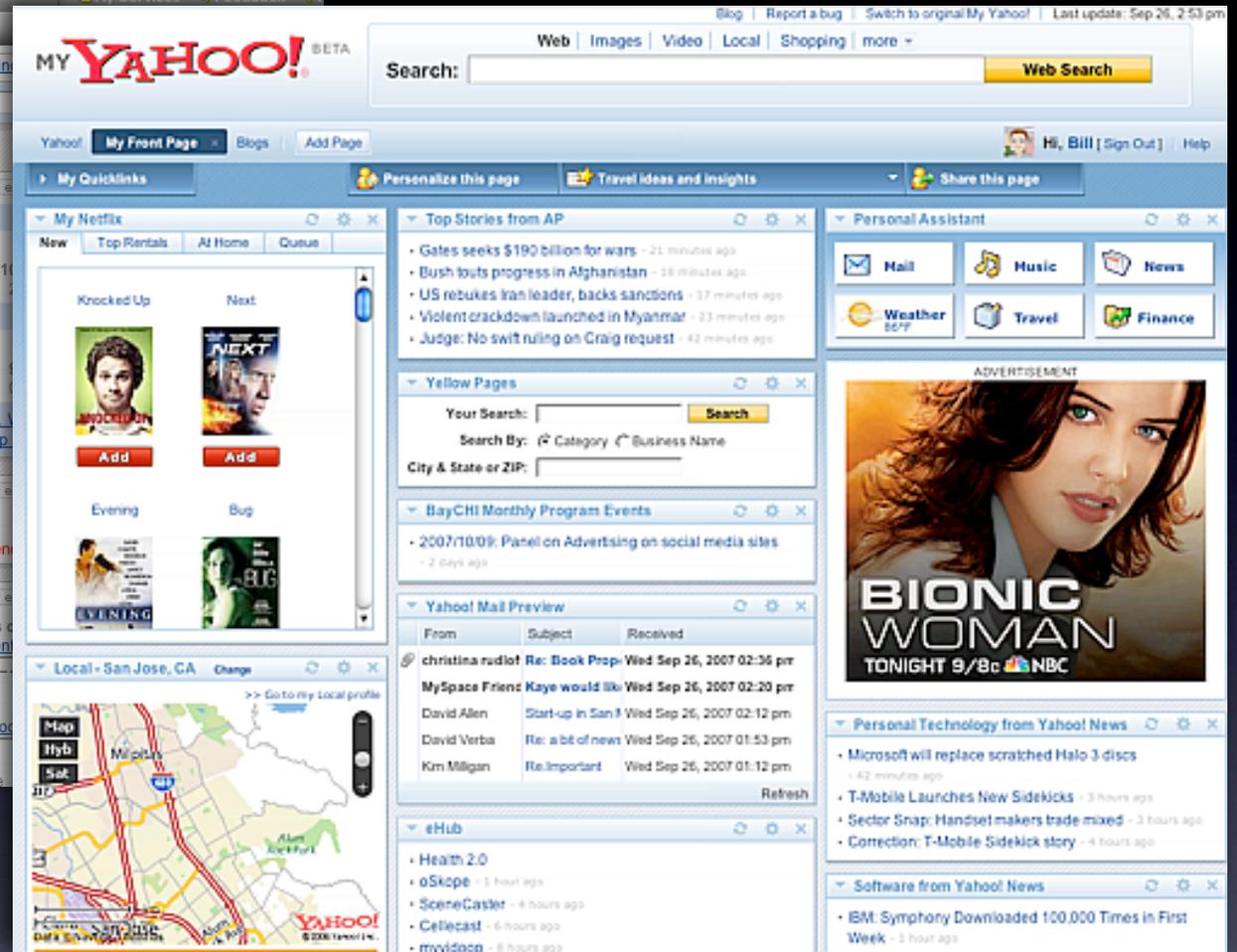


What you can communicate...

- Speed up time
- Slow down interaction
- Show state change
- Show relationships between objects
- Focus attention



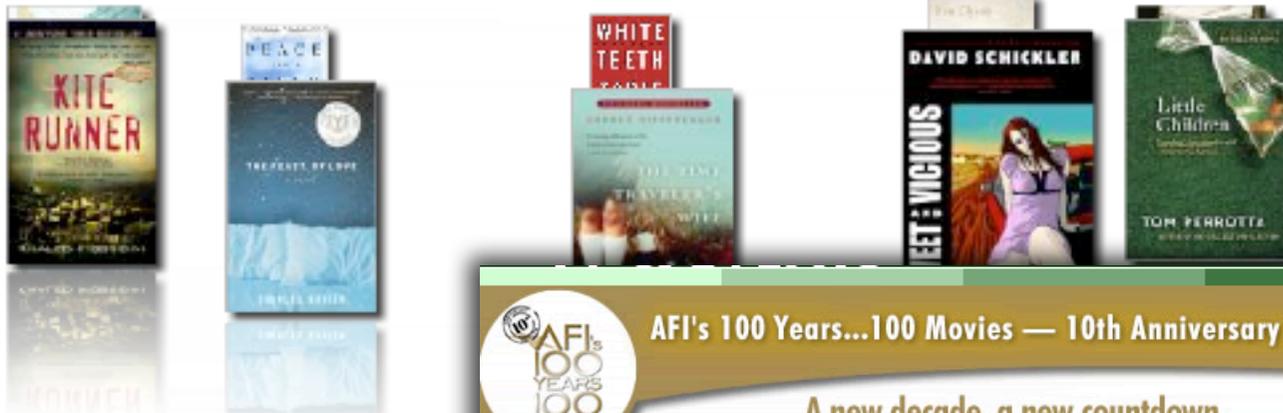
show transitions



Keep it sane

“Cut it in-half” rule of thumb
Use “contrast knob” approach
Don’t overuse

Our Favorites for Summer (Re)Reading



AFI's 100 Years...100 Movies — 10th Anniversary Edition



A new decade, a new countdown.
AFI reveals the 100 greatest movies of all time

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Sites



Files



Editor



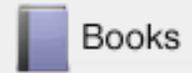
Preview



CSS



Terminal



Books

Terminal: built right in.

OK, it's not very sexy. In fact, it's quite the opposite. But Coda is all about the little things that make your web development a squidgeon easier. If you need to SSH into a server and run some MySQL queries, or restart Apache, or debug some PHP in real time, there's only one way you're gonna do it: terminal. **Coda's got a terminal one mouse click away.**

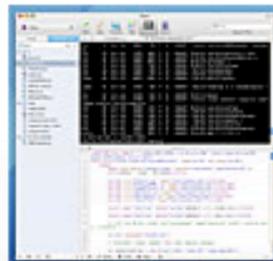


```
egrep 'bellslwhistle' /usr/share/dict/web2
```

Features? Our terminal has 'em. Connect to a local shell or connect via SSH to a remote server. Put a Terminal in a split, or put a Terminal in its own tab. Copy and paste from the output, or scroll back into the buffer. It's a terminal! And it's convenient!

```
export CLICOLOR=1
```

Wait! There's kind of more! ANSI colors also work! You can also, via the preferences, change the font and background colors, or the terminal font itself. Unfortunately, you can't yet set the background to a picture of Arwyn. But e-mail us, we'll always consider it.



San Jose City Guide > drain repair

CATEGORY SPONSORS

- C & K Drain Plumbing Repair** - Why Pay More? Call and Compare. Call Anytime
 (408) 483-1044, 3560 Flora Vista Ave # 204, Santa Clara, CA
[Get directions](#)

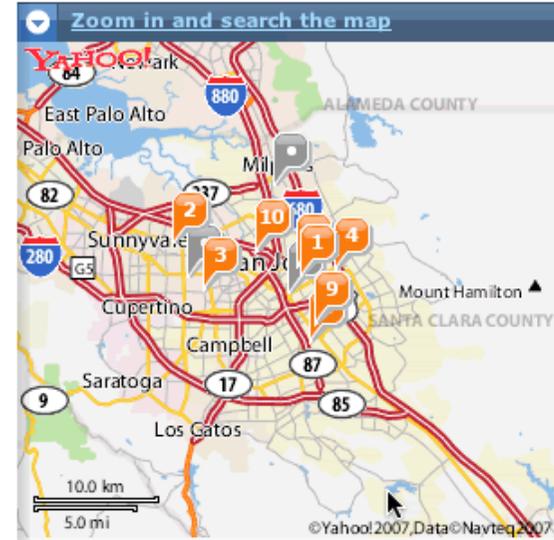
Results 1-10 out of 318 total ([About these results](#))

by category, rating, and more.

Sorted by: **top results** | [distance](#)

Yahoos: [Report bad local results or ads for this query.](#)

- | | | |
|--|--|----------------|
| <p>1 Plumber by Lalos Sewer & Drain Cleaning Services
 (408) 590-6547
 471 N 18th St, San Jose, CA
 Get Directions
 www.zoneprofiles.com/plumberinsanjose.html</p> | <p>★★★★★ (1)
 Write a review</p> | <p>0.87 mi</p> |
| <hr/> | | |
| <p>2 Sunnyvale Storm Drain Repairs
 (408) 730-7510
 221 Commercial St, Sunnyvale, CA
 Get Directions</p> | <p>★★★★★
 Write a review</p> | <p>6.22 mi</p> |
| <hr/> | | |
| <p>3 C & K Drain Plumbing Repair
 ✔ Merchant verified
 (408) 483-1044
 3560 Flora Vista Ave # 204, Santa Clara, CA
 Get Directions</p> | <p>★★★★★
 Write a review</p> | <p>5.10 mi</p> |
| <hr/> | | |
| <p>4 Alum Rock Hardware
 (408) 258-6084
 2243 Alum Rock Ave, San Jose, CA
 Get Directions
 www.acehardware.com/</p> | <p>★★★★☆ (2)
  <i>jcgarc55</i> - "Wayne was very helpful and informative. They know what..." more</p> | <p>2.49 mi</p> |
| <hr/> | | |
| <p>5 YOUR PLUMBING SPECIALIST
 (408) 832-1445</p> | <p>★★★★★
 Write a review</p> | <p></p> |



Move map with results

- SPONSOR RESULTS
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 Get professional services, warranty and fixing right now.
www.SmartPlumber.org
 - Rescue Rooter Plumbing**
 Get \$25 off any plumbing service. Schedule an appointment today.
www.rescuerooter.com
 - Plumbing Repair**
 Affordable Plumbing Repairs and Installations in Windsor, CA.
SimeonePlumbing.com

key principle

Feedback

Provide invitations beforehand,
transitions during,
and feedback after interaction

Interaction

Feedback

Info

information principles

principle. think in objects.

The screenshot shows a web application interface with two tabs: "Schedule View" (active) and "Map View". Below the tabs is a navigation bar with a "+ Add" button and links for "Hotels", "Things to do", "Restaurants", "Shopping", and "Entertainment". A "Create Item" button is also present. The main content area is titled "Yosemite National Park" and features a card for "John Muir Vernal Falls Mist Trail Hike". The card includes a phone icon, a location pin icon, and a camera icon. The text on the card provides contact information (+1 209 372 0200), a shuttle stop name, and the park's address. A description of the hike is followed by a difficulty level indicator (three green squares). Below the description are links for "Notes", "Tags", and "Dates". To the right of the text is a small image of a waterfall. A dashed horizontal line separates the card from a "Scheduled Items" section. This section contains a date "Wed 11/23/05 (day 1)" and a list of items: "Yosemite Lodge", "Tunnel View", and "Bridalveil Falls Day Hike", each with a checkmark and a camera icon.

pattern. shareable object.

[Amsterdam Trip Plans on Yahoo! Travel](#)

[Yahoo! Shortcut](#) - [About](#)

[My Web Results for amsterdam trip \(49\)](#)

1. [Trip to Amsterdam - photos, history, maps - Virtual trip to Amsterdam](#)

Web trip to Amsterdam. Historical and sightseeing overview ... Trip to Amsterdam. To begin with Amsterdam we should first note, that this city has two features making ... One will never forget a Amsterdam trip around the city by river ...

[www.medievalamsterdam.com](#) - 9k - [Cached](#) - [More from this site](#) - [Save](#)

The screenshot displays a Yahoo! Trip Planner interface. At the top, there's a navigation bar with 'TRIP PLANNER' and options like 'Explore', 'Browse Trips', and 'Create a Trip'. Below this, a search bar contains 'yosemite' and a 'GO' button. The main area is split: the left side shows a map of Amsterdam with a yellow path and labels like 'Sloterplas' and 'Het Nieuwe Meer'. The right side shows a Flickr photo gallery with various images and their respective counts (e.g., 4, 10, 1). At the bottom, there's a photo selection bar with 'All your photos', a search bar, and a row of photo thumbnails. The interface includes standard web elements like a scale bar, map controls, and a footer with '©2006 Yahoo! Inc.'

principle. tie information to interactivity.



pattern. multi-variate views.

Think “deeper interaction”

Multi-variate data
focus + context

YAHOO! FINANCE

Enter symbol(s) **GET CHART**

COMPARE TO:

- COMPETITORS
 - DELL INC (DELL)
 - HEWLETT PA... (HPQ)
 - MICROSOFT... (MSFT)
- INDEXES
 - DOW JONES (^DJI)
 - NASDAQ (^IXIC)
 - S&P 500 (^GSPC)
 - MORE INDEXES
- RECENT
 - DOW JONES (^DJI)

ADD SYMBOL(S) **GO**

CHART TIPS
View Quote Data: The data row above the chart details quote info on the primary symbol you are plotting.

Farecast Beta Know When to Buy

Home | Sign Up for Email

All Times (Listed) | **Select Times (Grid)** | [Learn more about List View](#)

Results for:
 Leave: **All Times**
 San Jose, CA (SJC)
 Fri, Oct 20 2006
 Return: **All Times**
 Dallas, TX (DFW)
 Sat, Oct 28 2006
 Adults: 1 [Change Search](#)

Fare Prediction

Lowest fares rising \$50+
on average within departure date
Confidence: 56%
Tip: Buy Now.

Fare History

87-Day Low: \$189 Avg Low: \$356

86 Days Ago Now

Refine Results [Reset]

Showing 201 of 201 options

Price Range

\$559 \$1393 \$1393

Stops

- 0 \$1228
- 1 \$559
- 2+ -

Airlines [Compare](#)

- Alaska \$731
- America West \$636
- American \$675
- Continental \$719
- Delta \$1183
- Frontier \$639

Price	Airline	Airport	Departs	Arrives	Stops
\$559* orbitz.com	Multiple Carriers flight details	SJC>DFW	7:15a	2:07p	1 4h 52m
\$559* orbitz.com	Multiple Carriers flight details	DFW>SJC	12:50p	4:40p	1 5h 50m
\$559* orbitz.com	Multiple Carriers flight details	SJC>DFW	7:15a	2:07p	1 4h 52m
\$559* orbitz.com	Multiple Carriers flight details	DFW>SJC	12:50p	4:40p	1 5h 50m
\$559* orbitz.com	Multiple Carriers flight details	SJC>DFW	7:15a	2:07p	1 4h 52m
\$559* orbitz.com	Multiple Carriers flight details	DFW>SJC	11:30a	4:40p	1 7h 10m
\$559* orbitz.com	Multiple Carriers flight details	SJC>DFW	7:15a	2:07p	1 4h 52m
\$559* orbitz.com	Multiple Carriers flight details	DFW>SJC	11:30a	4:40p	1 7h 10m
\$559* orbitz.com	Multiple Carriers flight details	SJC>DFW	7:15a	4:10p	1 6h 55m
\$559* orbitz.com	Multiple Carriers flight details	DFW>SJC	12:50p	4:40p	1 5h 50m
\$561* orbitz.com	Multiple Carriers flight details	SJC>DFW	12:29p	7:18p	1 4h 49m
\$561* orbitz.com	Multiple Carriers flight details	DFW>SJC	12:50p	4:40p	1 5h 50m
\$561* orbitz.com	Multiple Carriers flight details	SJC>DFW	12:29p	7:18p	1 4h 49m
\$561* orbitz.com	Multiple Carriers flight details	DFW>SJC	12:50p	4:40p	1 5h 50m
\$561* orbitz.com	Multiple Carriers flight details	SJC>DFW	6:15a	1:26p	1 5h 11m
\$561* orbitz.com	Multiple Carriers flight details	DFW>SJC	12:50p	4:40p	1 5h 50m

Splits Dividends | 1 Day 5 Days 1 Month 3 Months 6 Months 1 Year 2 Years 5 Years Max Time Range Aug 9,2004 - Aug 4,2006

Planning Tools

[Flexible? Fares from \\$325](#)

[Track this trip with RSS](#)

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Activities in Dallas

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Over 500 vacation destinations to choose from. Book a trip to Dallas
[www.orbitz.com](#)

Think “deeper interaction”

Multi-variate data
 focus + context
 Interesting relationships

EVENTS BROWSER

San Francisco CA

Richmond District, Kaiser Permanente-San Francisco, Arguello Blvd, Stanyan St, University Of San Francisco, Nasselle Ave, Fulton St, St Mary's Medical Center, Panhandle, Golden Gate Park, Saight-Ashbury, Park View Commons, Grattan Playground, Interior, Judah St, Coolin Way, Kollar Dr, Astbury St

make start location

Apr 2006

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

All Art
 Western Folk Mu
 Events Mu
 & Galleries
 Music Rock & Pop Sports
 Theater

Zimbra

Search Search Builder Dan Demouser Quota: 134.3 KB of unlimited

Mail View

Folders

- Inbox (7)
- Sent (2)
- Drafts
- Junk (1)
- Trash
- Open Source
- Stash (2)

Searches

- Follow up
- From External Domain
- Unread
- With attachments

Tags

- Customers (1)
- Industry News (2)
- Zimbra (10)

Zimlets

- Search

October 2006

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4
5	6	7	8	9	10	11

7:24 PM

New Get Mail Tag Print Reply Forward Junk

Skype Me and Map My Location Close

From: Fred Friend Fragment Folder Size Received

Fred Friend Hey - when you get a moment call me at (415) 555-1212. You can Inbox 490 B 6:50 PM

Subject: Skype Me and Map My Location

Sent by: Fred Friend <friend@lkjhgf.com> On: Sun Oct 15 18:50:40 2006
 To: Dan Demouser

Hey - when you get a moment call me at (415) 555-1212. You can click the number to call add me to your Contacts directly from here.

If you want to see a map of my location, mouse over the address below:

[1101 Park Pl San Mateo CA 94403](#)

Let's try to catch up today.

Fred

key principle

Info

Think in objects,
tie information to interactivity

key principles for richness

Interaction

Prefer direct, lightweight, in-page interactions

Feedback

Provide invitations beforehand, transitions during and feedback after interaction

Info

Think in objects and tie information to interactivity

my blog. looksgoodworkswell.com

this prez. billwscott.com/share/presentations/2007/yui/