

Designing for Ajax

Principles and Patterns for Designing Rich Internet Applications



Bill W. Scott, Y! Ajax Evangelist

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Background

- Games, research, science, military, biz
- Apps, frameworks, widget sets
- Developer, designer
- Object-oriented background
- Software architect, user experience manager
- Current: Yahoo! Ajax Evangelist
- <http://looksgoodworkswell.com>

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, drag and drop 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 Interactive 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 team.

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

BROWSER SUPPORT
Rico has been tested on IE 5.5, IE 6, Firefox 1.0.4 (Mac), Camino (Mac), Firefox 1.0.4 (Mac). Currently there is no Safari or Mac OS X support. Support will be provided in a near future release for Safari.

AJAX SUPPORT
Ajax is the term that describes a set of web development techniques for creating interactive web applications. One of the key requirements is the [asynchronous object model](#). Rico provides a very simple interface for registering Ajax requests and responses as HTML elements or JavaScript objects as Ajax response objects. Multiple elements and/or objects may be updated as the result of one Ajax request. Want to get started learning? Check out our [demo](#) and then read our two Ajax tutorials on the [Documentation](#) page.

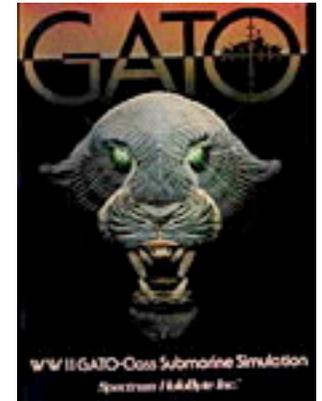
NEW! LiveGrid Behavior!
Rico now includes a new behavior called LiveGrid. LiveGrid allows you to register Ajax requests and responses as HTML elements or JavaScript objects as Ajax response objects. Multiple elements and/or objects may be updated as the result of one Ajax request. Want to get started learning? Check out our [demo](#) and then read our two Ajax tutorials on the [Documentation](#) page.

DRAG AND DROP
Desktop applications have long used drag and drop in their interfaces to simplify user interaction. Rico provides one of the simplest interfaces for enabling your web application to support drag and drop. Just register any HTML element or JavaScript object as a draggable and any other HTML element or JavaScript object as a drop zone and Rico handles the rest.

CINEMATIC EFFECTS
When actions are no longer occurring, just at the edge level but within the page itself, more clues are required to clue the user on what has transpired. Cinematic effects such as sliding and smooth sliding transitions can communicate change in richer ways than traditional web applications have explored before. Rico provides several cinematic effects as well as some simple visual style effects in a very simple interface.

BEHAVIORS
Take some new HTML and sprinkle in some behaviors and what do you get? Well in Rico you can get an [Appropriate](#) component like those found in Macromedia Flex and Lasso. Just nest some DIVs and with one line of JavaScript turn your DIV parents into an accordion. And the latest behavior is the [LiveGrid](#). LiveGrid allows you to register an HTML table as its driver of Ajax requests. Ajax requests are automatically called during table scrolling. 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!

See Rico In Action!



nextjet

Home Customers Company Airlines Our Flights Partners

120 Ground

Ship	Active	On Schedule	On Budget	Notes	Verification
✓ Active/Ship	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Online/Active	Active (10/17/04, 1:17:43)	●	●	100	AB01
✓ Status/Onoff	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Stock/Onoff	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Active/Status/Onoff/Status	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Status/Active	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Active/Status/Onoff/Status/Status	Active (10/17/04, 1:17:43)	●	●		AB01
Defaulted	Manual				

United Cargo

Home About Us Services Contact Us

Customer Touch Points

Customer Touch Point	Active	On Schedule	On Budget	Notes	Verification
✓ Active/Ship	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Online/Active	Active (10/17/04, 1:17:43)	●	●	100	AB01
✓ Status/Onoff	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Stock/Onoff	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Active/Status/Onoff/Status	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Status/Active	Active (10/17/04, 1:17:43)	●	●		AB01
✓ Active/Status/Onoff/Status/Status	Active (10/17/04, 1:17:43)	●	●		AB01
Defaulted	Manual				





Ajax @ Yahoo

Yahoo! Pattern Library Release

<http://developer.yahoo.net/ypatterns/>

The image displays three screenshots of the Yahoo! Developer Network Design Pattern Library website. The first screenshot shows the 'Design Pattern Library' page with a sidebar containing 'USER NEEDS TO' categories like 'NAVIGATE', 'EXPLORE DATA', 'ORGANIZE DATA', 'GIVE FEEDBACK', 'PERFORM ACTION', 'CUSTOMIZE', and 'APPLICATION NEEDS TO'. The main content area includes a 'Welcome' message and a 'What's a Pattern?' section. The second screenshot shows the 'Ratings and Reviews' page, featuring a 'Problem Summary' (User wants to leave an opinion or evaluation), 'Solution Patterns' (Architecture of a Review, Rating an Object), and a 'Quick Jump' sidebar with links to Solution, Rationale, and Accessibility. The third screenshot shows the 'Rating An Object' page, featuring a 'Problem Summary' (A user wants to quickly leave their opinion on an object), an 'EXAMPLE' of a restaurant rating, 'Use When' conditions, and a 'Solution' (Show clickable items like stars).



```
YAHOO.util.Motion = function(e1, attributes, duration, method) {  
  if (!e1) {  
    this.initMotion(e1, attributes, duration, method);  
  }  
};  
YAHOO.util.Motion.prototype = new YAHOO.util.Anim();  
YAHOO.util.Motion.prototype.initMotion = function(e1, attributes, duration, method) {  
  YAHOO.util.Anim.call(this, e1, attributes, duration, method);  
};
```

YAHOO! USER INTERFACE BLOG

News and Articles about Designing and Developing with Yahoo! Libraries.

[Blog](#) [About](#)

Yahoo! Design Pattern Library Released

February 13, 2006 on 7:54 am by Bill Scott | In [Design](#) |

I'm excited to announce that today we are releasing the [Yahoo! Design Pattern Library](#) to the public under a friendly [Creative Commons License](#). The goal in releasing this library is for us to share the common patterns that we see emerging at Yahoo! It is hoped that by opening up our design patterns we can share our current thinking as well as solicit your valuable feedback.

We believe design patterns are [powerful](#). First, they offer a solution in context of a problem. Second, they provide a name for the solution. Taken together as a set, pattern libraries form a solution language that can enhance our ability to communicate design ideas. Lastly, they provide us a context in which to discuss a number of associated issues: the thinking behind a solution; issues around accessibility, and de-gradeability; other related patterns; examples of usage; and code samples to name a few.

In case patterns are a new concept to you, here's a little history to get you up to speed.

[Background on Patterns](#)

SYNDICATE

All Entries:
[+ MY YAHOO!](#) [RSS](#)

All Comments:
[+ MY YAHOO!](#) [RSS](#)

RECENT POSTS

- [Developing a JavaScript Library for Yahoo!](#)
- [Welcome to the Yahoo! User Interface Blog](#)
- [The Yahoo! User Interface Library](#)
- [Yahoo! Design Pattern Library Released](#)
- [Search Pagination Design Pattern](#)
- [Item Pagination Design Pattern](#)
- [Rating an Object Pattern](#)

http://groups.yahoo.com/group/ydn-patterns/

Yahoo! [Yahoo! Plus Home](#) [Mail](#) Search the Web

YAHOO! PLUS GROUPS Welcome, **billwaynescott**
[[Sign Out](#), [My Account](#)] [Groups Home](#) | [Help](#)

IS IT EASY TO START AN ONLINE STORE ?



billwaynescott · bscott@yahoo-inc.com | Group Moderator - [Edit Membership](#) [Start a Group](#) | [My Groups](#)

ydn-patterns · Yahoo! Design Pattern Discussion Group

Messages Message # Search: [Messages Help](#)

[Post Message](#)

View: [Simple](#) | [Summary](#) | [Expanded](#)
As: [Msg List](#) | [Thread](#) 1 - 23 of 23 [First](#) | [< Previous](#) | [Next >](#) | [Last](#)

	Subject	Author	Date <input type="button" value="▲"/>
<input type="checkbox"/>	Welcome! We are excited about the launch of our Yahoo! Design Patterns Library < http://developer.yahoo.net/ypatterns/index.php > . While our internal patterns site is...	billwaynescott 😊 📧	Feb 13, 2006 2:31 pm
<input type="checkbox"/>	Re: Welcome! Great work! I hope to see more soon :) One navigation suggestion I have is some kind of linear navigation within the details so I can go to the next design...	Gilbert Lee gilbertlee 😊 📧 +	Feb 13, 2006 7:49 pm
<input type="checkbox"/>	Re: Welcome! Great work, I just scanned through the two libraries and have to say: You guys rock. :) Thanks....	Dominik Schwind d_schwind 😊 📧 +	Feb 14, 2006 12:41 am

Home
Messages
 Pending
 Post
Files
Photos
 Pending
Links
Database
Polls
Members
 Pending
Promote
Invite
Management

**Breadcrumbs. Module Tabs.
Navigation Tabs. Auto Complete.
Pagination. Item Pagination.
Search Pagination. Ratings and
Reviews. Architecture of a Review.
Rating an Object. Writing a
Review. Drag and Drop. Drag and
Drop Modules.**



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. Character Counter. 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. Identifiable Object.



Yahoo! UI Library

- Normalization (Event Utility)
- Messaging (Connection Manager for AJAX)
- Direct Representation (Animation and Position)
- Direct Manipulation (Drag and Drop)
- Rich Interactive Widgets (Slider, TreeView, Calendar, AutoComplete)



Designing for Ajax

- **Richness**

What is richness?

- **Ajax Patterns**

DNA of an Ajax Pattern

- **Principles**

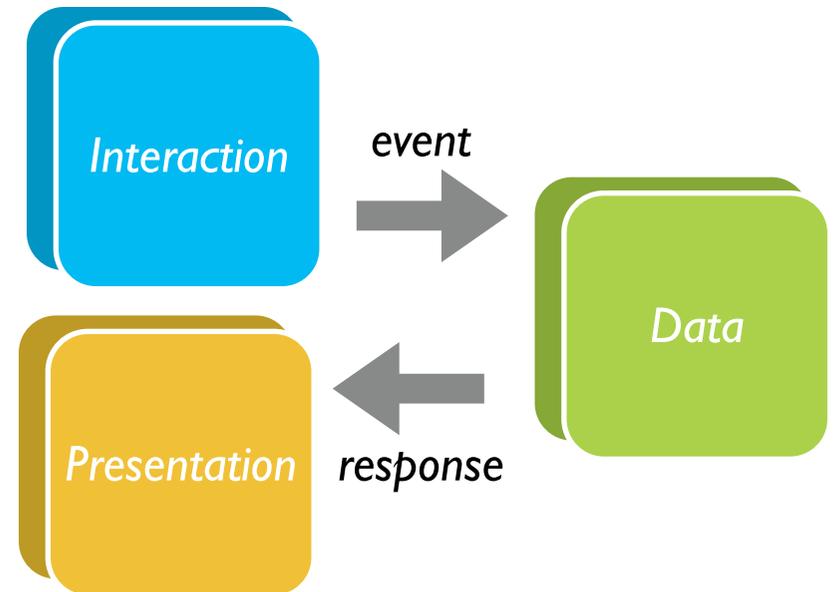
Principles for Ajax Design



Richness

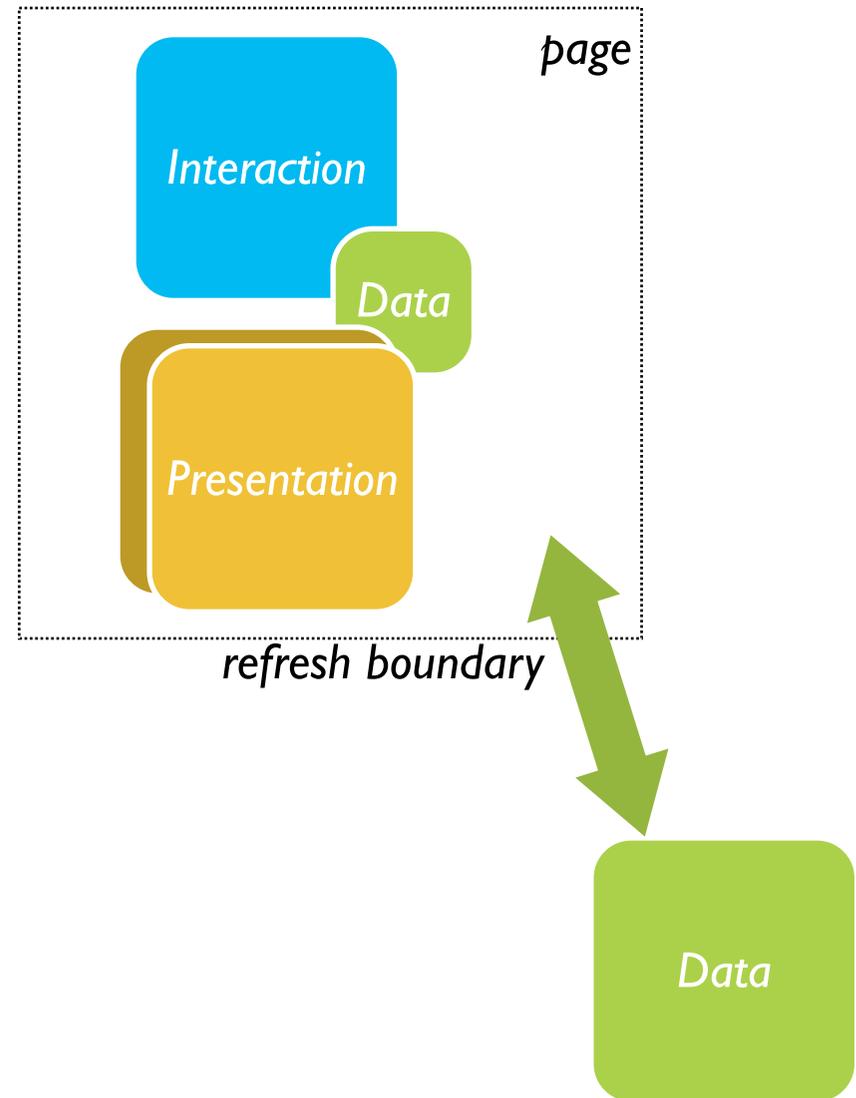
Defining Richness: Web in 3D

- Interaction Dimension
- Data Dimension
- Presentation Dimension

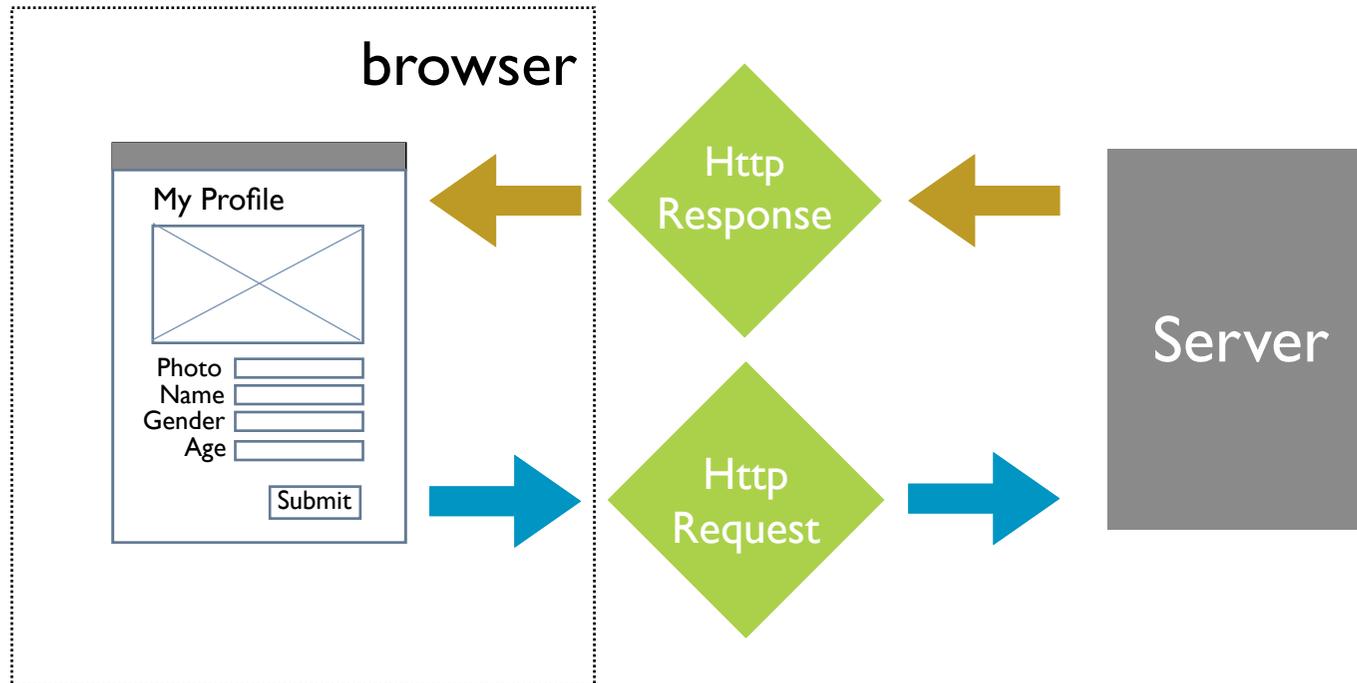


Classic Web

- Interaction course-grained
- Data loaded with the page or obtained via refresh
- Presentation: page-based updates



Classic Web Illustrated



Ajax = Just-in-Time. Immediacy.

Just-in-time data

Most Popular

Most Emailed | Most Viewed | Most Recommended | My Sources

- Lonely elephants, edgy apes baffled by post-Katrina life at zoo Knight Ridder - Sun Oct 16, 4:40 PM ET
- Scientists Study Gorilla
- Inflation Soars Higher
- Rick Springfield's Soap
- Feds Want Banks to

» All Most Emailed



NEW ORLEANS - An AWOL alligator has resurfaced, elephants are forlorn and apes are agitated at Audubon Zoo, one of the nation's most renowned animal sanctuaries, left by Hurricane Katrina both broken and broke.

World

Just-in-time presentation

Students to Enroll

Crew Id	Last Name	First Name
600922	Peterson	Shelley
349394	Craft	Adrian
432939	Douglas	Elayne
468370	Hill	Petra
999300	Barnes	James
344935	Smith	James
139204	Miller	Gordon

Course Calendar

DEC 2005

S	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	31	

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S	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	31	



Web | Images | Groups | News | Froogle | Local^{New!} | more »

tom cruise	
tom cruise	6,670,000 results
tom clancy	1,990,000 results
tom cruise movies	2,670,000 results
height	215,000 results
books	5,780,000 results
filmography	145,000 results
l	730,000 results
ne	481,000 results
	552,000 results
	347,000 results

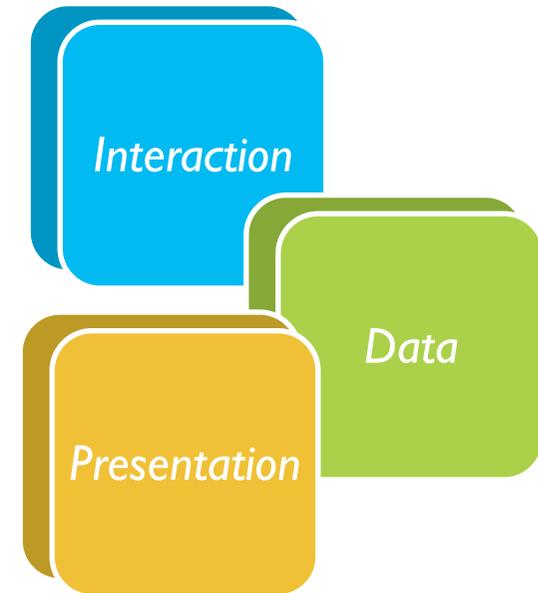
Just-in-time logic



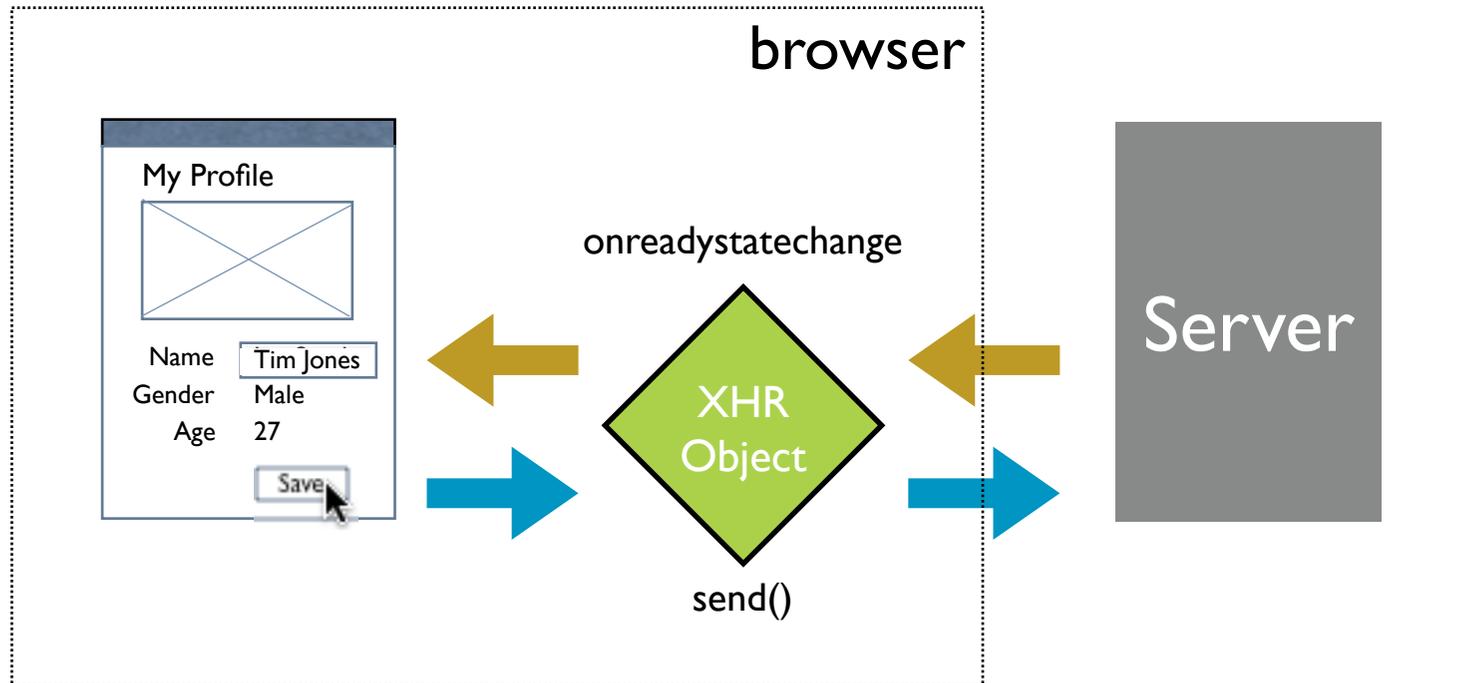
Ajax Model - New & Improved!

- Now with *Deeper Interaction!*
- Now with *Just-in-Time Data & Just-in-Time Logic!*
 - ★ XMLHttpRequest (XHR) is the secret sauce!
- Now with *Richer Interface!*

- *All dimensions are closer*



Ajax Illustrated



AJAX vs Ajax

- AJAX = Asynchronous JavaScript and XML
 - Strict definition is using XMLHttpRequest (XHR) to retrieve XML within a web page
- Ajax = The set of technologies that allow web applications to provide rich interaction, just-in-time information and dynamic interfaces without required page refresh
- The Secret Sauce 
 - Ajax = XHR + DHTML (HTML, CSS, JavaScript) + Rich design

Other Remote Scripting Techniques

- Hidden IFrame
- ` src`
- `<script> src` hack
- CSS href hack
- JS to faceless Java applets
- JS to faceless Flash
- NO CONTENT Response
- Cookies

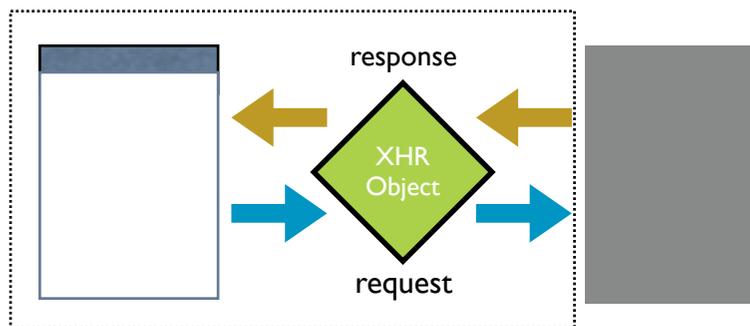


Ajax Patterns

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. Character Counter. 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. Identifiable Object.

But What Can XHR Do?

- Make a request
- Return a response
- And do it asynchronously



Anatomy of a Pattern

- Ajax design patterns contain three steps
 - **Trigger** (event or timer)
 - **Operation** (Ajax, remote scripting)
 - **Update** (presentation)



Trigger

- Every pattern starts with
 - a user event
 - a timer event

mouseout hover keypress keydown mousedown
drop filter choices mouseup drag click mousedown select
focus blur resize move timeout



Operation

Ajax patterns open the door to immediacy

- **Lookup** I can get information when I need it
- **Persist** I can save in real-time
- **Validate** I can prevent errors early
- **Invoke** I can make things happen now
- **Message** I can communicate instantly



Operation. Lookup

I can get information when I need it

Auto Complete. Deferred Content Loading. Dynamic Goal. Narrowing Choices. Refining Search. Live Search. Dynamic Filter. Detail Zoom. Endless Scrolling. Expandable Paging Boundary. Fresh Content. Hover Detail. In Place Drill Down. On Demand Refresh. Periodic Refresh. Resizable Modules. Scrolling Modules. Auto Form Fill.



Operation. Persist

I can save in real-time

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. Inline Reordering. Auto Save. Remembered Collection. Remembered Preferences. Rating an Object.



Update

- Finally, patterns reflect a visual change

Indication. Busy Indication. Cursor Busy. In Context Busy. In Context Progress. Inline Status. 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. Identifiable Object. Slide-out. Popup Balloon.



Pattern-O-Matic



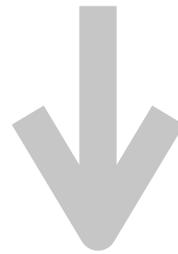


Principles

Principles for Ajax Design

1. Keep it direct
2. Provide live feedback
3. Offer an invitation
4. Cross borders reluctantly
5. Leave a light footprint
6. Show transitions
7. Think in objects

submit hyperlink



mouseout hover keypress keydown mousedown
drop filter choices mouseup drag click select focus
blur resize move timeout



Keep it Direct

The screenshot shows the Yahoo! Plus homepage with a navigation bar at the top. Below the search bar, there are several widgets:

- Scoreboard:** Displays sports scores for NHL and NBA games from today and yesterday.
- Message Center:** Includes a 'Check Email' button and a notification for 'Launch Messenger 14 friends on'.
- Software News:** Lists recent news items such as 'AccuRev gives software configuration system global focus' and 'Anti-virus Software: The Next Big Worm'.
- Weather:** Shows weather forecasts for various locations including Dallas, TX, Denton, TX, Sunnyvale, CA, Boulder Creek, CA, Gilroy, CA, and San Jose, CA.
- Best Fare Tracker:** Provides flight information for routes like New York, NY to Paris, France.
- Maps:** Offers location-based services and a search bar for zip codes or cities.

This screenshot shows a Netflix interface. At the top, there are movie titles: '9. The Last Detail' and '10. Six Feet Under: Season 1: Disc 4'. Below them is a 'Recently Added' section featuring '27. Unforgiven' with a 'View All 28 Movies' link. A 'Helpful Tip' box is overlaid on the page, stating:

Helpful Tip
Drag & Drop to Change Order

The tip includes a small visual of a 'Your Queue' list with items like 'Gangs of New York', 'Sunset Boulevard', and 'Henry Rollins: Live at 61*'. A mouse cursor is shown dragging an item in the queue. The tip concludes: 'You can prioritize entire to-do lists by clicking the Reorder lists link and then dragging the lists to reorder them. You can reorder individual items by clicking the "Reorder" link by the list title and dragging the items to reorder them.'

Source: BasecampHQ.com

The screenshot displays the Yahoo! Mail interface. At the top, it says 'Welcome, b.scott' and 'Sign Out, My Account, Switch Back'. Below this are buttons for 'Check Mail' and 'Compose'. A search bar for 'Find Messages...' is present. On the left, there's a sidebar with folders: 'Inbox', 'Drafts', 'Sent', 'Spam (252) Empty', 'Trash (14) Empty', 'Contacts', and 'Calendar'. The main area shows an 'Inbox 2152 messages' with a list of emails. The list has columns for 'From' and 'Subject'. One email from 'American Kennel Club' is highlighted. Other visible emails include one from 'Jason Kunesch' and another from 'Mike Milinkovich'.

Rocky Waters

ADD NOTE SEND TO GROUP ADD TO SET BLOG THIS ALL SIZES ORDER PRINTS ROTATE DELETE X



Add tags

Test Page

Body List Notes Files Images Writeboards Links Sharing ?

Notes

First Note (modified) Posted 30 Nov

This is just a note that I added. And some more text was added.

Add note

My Grade:

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

0	1	2
0,0	0,1	☆☆☆☆☆
1,0	1,1	☆☆☆☆☆
2,0	2,1	☆☆☆☆☆

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



	From	Subject
	Peter Boerling	Re: [ID] B...
	Yahoo! Toolbar	Welcome t...
	Weekend Extra	5 Tips for ...

My Saved Pages > ypatternexample

Items 1 - 4 of about 4

Sort by: **Date Saved** | [Title](#) | [URL](#)

[coming_soon.mov \(video/quicktime Object\)](#)

Shared at 4:49 PM PST

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

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

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

Access: Everyone

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

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

Shared at 4:49 PM PST

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

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

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

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

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

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>



digg ×

- David Hahn - The kid who built a nuclear reactor in his shed
- Good Article for PHP lovers
- BestBuy using illegal software
- Serenity HD DVD coming out next week, April 18th
- Top 10 US cities best prepared for an oil crisis
- Sun Upgrades Servers With Faster Opteron
- Dell's Quest for Cool - Will Alienware make the tech world's dullards hip?
- Watch Your Data Inflate the Flashbag

Resize

Getting Started ×

Add or invite a friend to Gtalkr
Change your profile image
Frequently asked questions
Gtalkr Blog

TechCrunch ×

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. Inline Reordering. Resizable Content.

Prefer interaction within the page

What about discoverability?



State park near our home in San Jose

Click to edit

5 photos | [Add a comment?](#)

Photos are from
22 Oct 05.

Prefer interaction within the page

What about discoverability?

Use direct editing on page content

What about save/cancel?

Avoid page jitter

Reduce the feeling of modes



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

SAVE OR CANCEL

Prefer interaction within the page

What about discoverability?

Pick Up at the Store

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

[Add Item](#)

[Make a new list](#) [Reorder lists](#)

[Remove from sidebar](#), [Delete this page](#), [Email me this page](#)

✉ [Send email to this page: miles12betty@billwscott.backpackit.cc](mailto:miles12betty@billwscott.backpackit.cc)

 [Changes](#) [Help](#) [Text Formatting](#) [Weblog](#) [Forum](#) [Privacy](#)

Use direct editing on page content

What about save/cancel?

Avoid page jitter

Reduce the feeling of modes

- Create a home page for the VisDe to make findability easier
- Account for experimental patterns as well as established patterns

 [Edit](#)

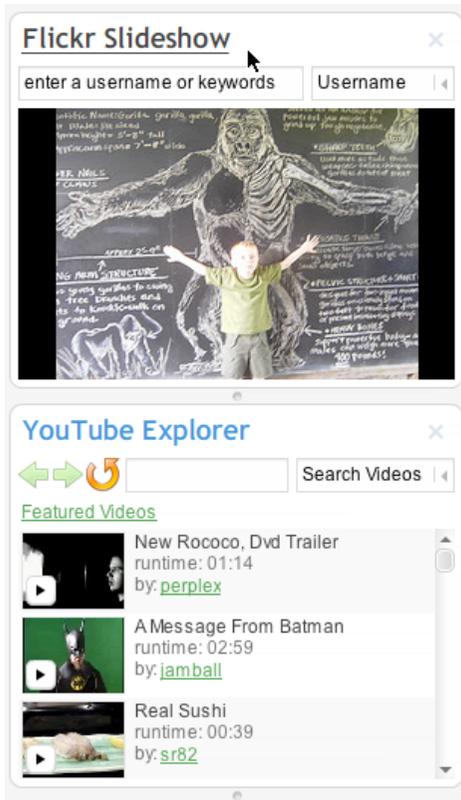
Provide in-context tools

Only good for single operations

Can actually slow you down

Prefer interaction within the page

What about discoverability?



Pick Up at the Store

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

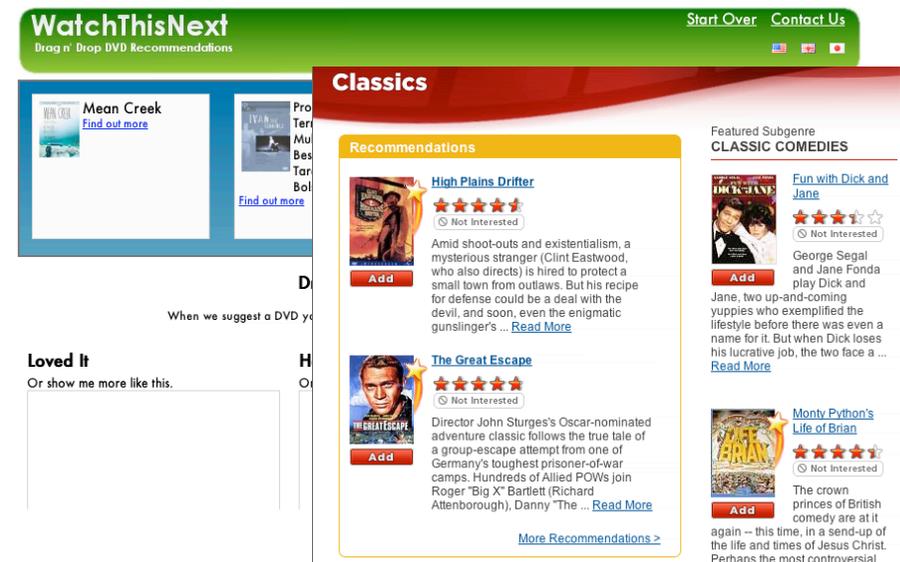
- What is spam?
- Can I transfer my message credits?
- How do I delete my HandyPay account?
- What if I didn't receive my full message package?
- I need to contact customer care regarding the Compose Text Message service.

Provide in-context tools

Only good for single operations
Can actually slow you down

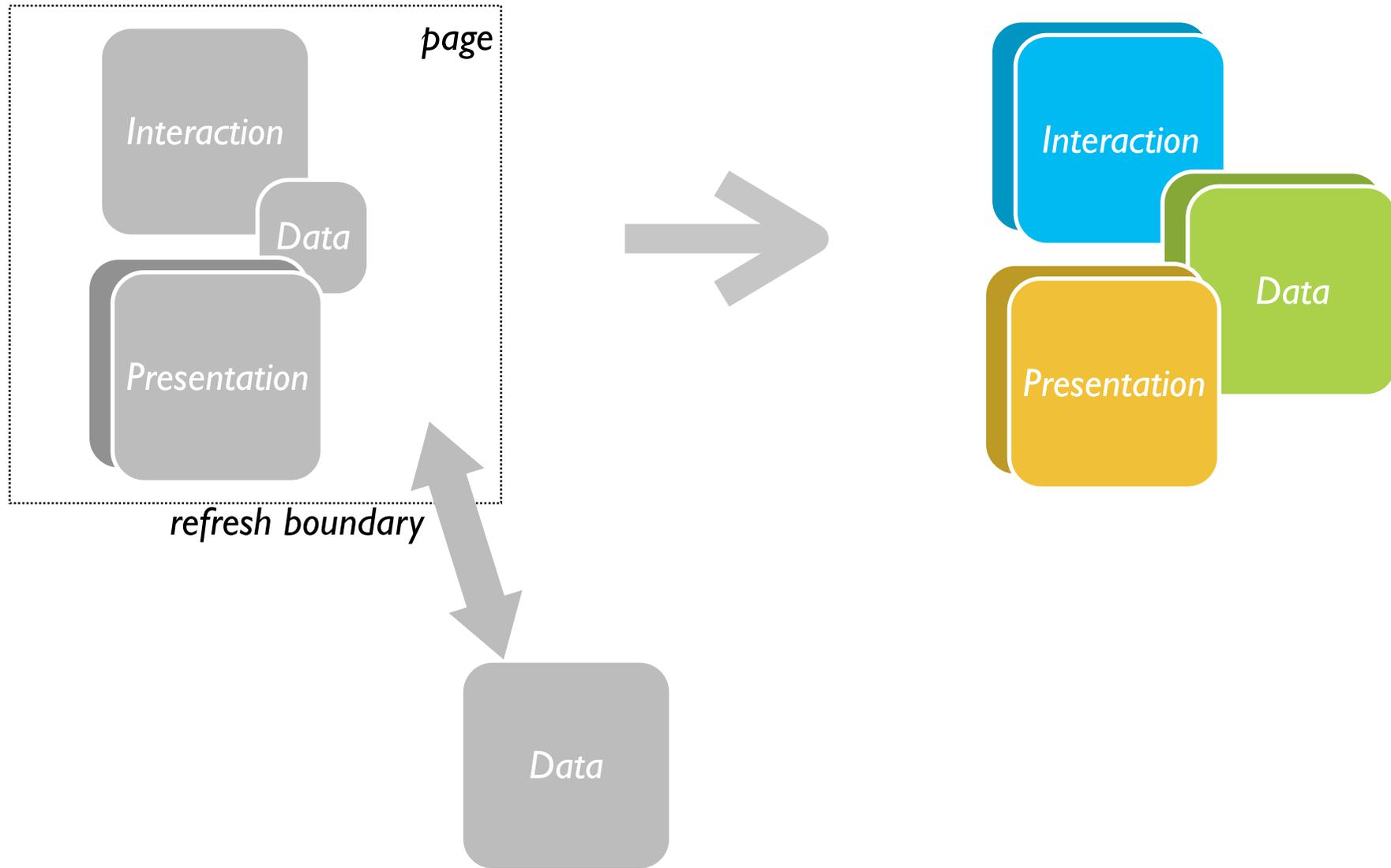
Use direct editing on page content

What about save/cancel?
Avoid page jitter
Reduce the feeling of modes



Use drag and drop where appropriate

Not for simply setting an attribute
Good for layout changes or containment
Needs transitions



2

Provide live feedback



Instant Search **BETA**

 Search the Web

Instant Search gives you answers as you type -- no more waiting!

Why feel lucky when you can be right? With Instant Search, results instantly appear for [Yahoo! Shortcuts](#) and common searches. Give it a spin! Type in these examples below, or try your own searches:

- boston weather
- wikipedia
- nfl
- 22 5th ave new york ny
- san francisco coffee shops
- dmV



ZUGGEST - an XMLHttpRequest Experiment using Amazon

This is my take on [Google Suggest](#) only with Amazon so I've called it "Amazon Zuggest". It lets you search Amazon (the US products only for now) as you type. You don't have to press Submit or Enter, just type. If you'd like to know [HOW IT WORKS](#) or have a comment, you can email me or [post feedback on this page](#). Enjoy.

KEYWORDS: Books

Just type, results will come every couple of seconds or so. Remember you can Mouse Over the History (on the left) to bring it backup. Waiting until you're done...

Books [ajax]

- | | | | |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Web Services Testing
Test & Monitor Web Services Apps' Performance & Function - Free Trial | Axis and Web Services
Better ROI with Axis web services. Learn how: download free reports! | Fix your Web service now
SOAPscope: award-winning Web services diagnostics. Free trial. | Fast XML Firewalling
hardware accelerated Web services security & XML threat protection |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|

Ads by Google

Cached at Nov 30/05, 20:10:52 PM

 Ajax in Action [Book] List Price \$44.95 8 NEW from \$29.67	 Agile Web Development with Rails (The Facets of Ruby Series) [Book] List Price \$34.95 39 NEW from \$23.04[\$23.41 used]	 Foundations of Ajax (Foundation) [Book] List Price \$39.99 8 NEW from \$26.39[\$26.37 used]	 DHTML Utopia Modern Web Design Using JavaScript & DOM [Book] List Price \$39.95 25 NEW from \$26.37[\$26.25 used]
 Ajax Patterns and Best Practices [Book] List Price \$44.99 1 NEW from \$29.69	 Professional Ajax [Book] List Price \$39.99 1 NEW from \$26.39	 Black Ajax [Book] List Price \$22.95 8 NEW from \$7.76[\$2.24 used]	 Ajax Training Sessions [Book] List Price \$22.95 24 NEW from \$7.66[\$7.71 used]
 The Coaching Philosophies of Louis van Gaal and the Ajax Coaches [Book] List Price \$14.95 10 NEW from \$9.83[\$9.83 used]	 The Unknown Ajax (Reader's Choice) [Book] List Price \$6.99 1 NEW from \$12.99[\$8.99 used]		

Ask Your Question

1. Enter your question

You can ask 5 more questions today.

 You have 110 characters to work with. Add details below.

2. Add details (optional)

No spam, please! When in doubt, please refer to our [community guidelines](#).

 You have 1000 characters to work with.

3. Categorize the question

 Arts & Humanities -> Auto & Transportation




KAYAK™ Search with us, book with them.™

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

Round-trip
 One-way
 Multi-city

From **To**
 Show Nearby Airports
 Show Nearby Airports

Leave **Time**
Return **Time**

Travelers **Cabin**

Prefer Nonstop

for [hundreds of airlines.](#)

Find Athletes and Countries

PRESENTED BY  **CHEVROLET**

Medal Count

				TOTAL
 GERMANY	11	12	6	29
 UNITED STATES	9	9	7	25
 CANADA	7	10	7	24
 AUSTRIA	9	7	7	23
 RUSSIA	8	6	8	22

[» Full Medal Count](#)

To: [Show BCC](#)

Cc:

Subject: [Plain Text](#)

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



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

No

San Jose, CA to Las Vegas, NV Wed 15 Feb 2006 - Wed 22 Feb 2006 / round-

Find [Hotels](#) or [Cars](#) for this trip

[Start search over](#)

515 of 515 results shown [show all](#)

Stops

nonstop 1 stop 2+ stops

Airlines

- [select all](#) | [clear](#)
- | | nonstop | 1+ |
|-------------------------------------------------------|---------|-------|
| <input checked="" type="checkbox"/> Alaska Airlines | | \$285 |
| <input checked="" type="checkbox"/> America West | \$198 | \$212 |
| <input checked="" type="checkbox"/> American Airlines | \$189 | \$194 |
| <input checked="" type="checkbox"/> JetBlue Airways | | \$192 |
| <input checked="" type="checkbox"/> Multiple Airlines | \$198 | |
| <input checked="" type="checkbox"/> US Airways | \$198 | \$212 |
| <input checked="" type="checkbox"/> United | \$193 | \$203 |

Leave depart arrive

Wed 5:00a 10:30p

Return depart arrive

Wed 6:00a Thu 12:00a

Price*	Airports	Airline	Depart	Arrive	Stops (Duration)
\$189	SJC > LAS LAS > SJC	American Airlines	12:57p 10:00a	2:21p 11:25a	0 (1h 24m) 0 (1h 25m)

[buy direct at:](#)

\$192 OAK > LAS
LAS > OAK

[buy direct at:](#)

\$192 OAK > LAS
LAS > OAK

[buy direct at:](#)

\$192 OAK > LAS
LAS > OAK

[buy direct at:](#)

\$192 OAK > LAS
LAS > OAK

[buy direct at:](#)

\$192 OAK > LAS
LAS > OAK

[buy direct at:](#)

YAHOO! FARECHASE BETA Welcome, **billwaynescott** [\[Sign Out, My Account\]](#) [FareChase Home](#)

[Save to My Web](#) [Recom](#)

Flight Results Results 1 - 7 of 7 for San Jose, CA to Las Vegas, NV (02/22 - 03/01) (A)

Flights **Hotels**

[Change Your Search](#)

Refine Results:

Flight Times from

DEPARTURE

<input type="checkbox"/> 5am - 9am	\$187
<input type="checkbox"/> 9am - 3pm	\$166
<input type="checkbox"/> 3pm - 9pm	\$166
<input checked="" type="checkbox"/> 9pm - 5am	\$192

RETURN

<input checked="" type="checkbox"/> 5am - 9am	\$196
<input checked="" type="checkbox"/> 9am - 3pm	\$194
<input checked="" type="checkbox"/> 3pm - 9pm	\$192
<input checked="" type="checkbox"/> 9pm - 5am	(n/a)

Airports

<input checked="" type="checkbox"/> Oakland - OAK
<input checked="" type="checkbox"/> San Francisco - SFO
<input checked="" type="checkbox"/> San Jose - SJC

SPONSOR RESULTS

Flight to Vegas: Compare at Travelzoo
Save on flights to Vegas at Travelzoo - Get great deals on flights to Vegas by comparing f...
[www.travelzoo.com](#)

Flights to Las Vegas: Sherman's Travel
Search dozens of sites at once for discount offers on airfare, hotels, cruises, car rental...
[www.shermanstravel.com](#)

Sort by: **Low price** | [Departure times](#) | [Return times](#)

\$192 Ted (flight details)
per person **10:19p-11:43p** Non-stop SFO-LAS
7:17p-8:45p Non-stop LAS-SFO **GO!**
[Book it now](#) - [Email](#) - [IM](#)
[flyted.com](#)

\$194 Multiple Carriers (flight details)
per person **10:19p-11:43p** Non-stop SFO-LAS
10:00a-11:25a Non-stop LAS-SJC† **GO!**
[Book it now](#) - [Email](#) - [IM](#)
[cheaptickets.com](#)

Great Flight + I for Las Vegas
Save with add-or hotel to your flig Vegas and save r
[www.cheapticket](#)

Save with Flight deals for Las V
Build your trip to find a great deal! and Go.
[www.orbitz.com](#)

Las Vegas Vac Packages from Lodging.com
Save more when hotel with your fl Vegas.
[www.lodging.com](#)





blog: Looks Good Works Well | settings | help | sign out | feeds

measuremap

An overview of visitors during January 2006

Visitors to your blog

1480
740

Today

Feb

visitors overview

5271 visitors came to your blog
That's 2140 more than an average 10 day period.

10% of those visitors had been to your blog before
That's 521 visitors, 122 more than an average 10 day period.

Some numbers since you started tracking

Your blog has had 908 web sites have made 1424 links out from

back to DASHBOARD

Measure Map is Questions or comments? Visit the

Check Mail Compose

Find Messages... Go

DEPARTURE	
<input type="checkbox"/> 5am - 9am	\$187
<input checked="" type="checkbox"/> 9am - 3pm	\$166
<input checked="" type="checkbox"/> 3pm - 9pm	\$166
<input checked="" type="checkbox"/> 9pm - 5am	\$192
RETURN	
<input checked="" type="checkbox"/> 5am - 9am	\$187

Flights to Las Vegas: Sherman's Travel

Search dozens of sites at once for discount offers on airfare, hotels, cruises, car rental...

www.shermanstravel.com

Sort by: **Low price** | [Departure times](#) | [Return times](#)

\$166 [JetBlue](#) (flight details)

per person 11:40p-5:10p 1-stop OAK-LAS

Standard Header | Hide Pane
Wed Feb 1 17:06:45 2006

Your Domain Is Active

Yahoo! Webhosting <wh-professional@yahoo-inc.com>

To: yuiblogger@yahoo.com

Cc: billwscott@gmail.com

Airports

<input checked="" type="checkbox"/> Oakland - OAK
<input checked="" type="checkbox"/> San Francisco - SFO
<input checked="" type="checkbox"/> San Jose - SJC

\$166 [JetBlue](#) (flight details)

per person **1:55p-5:10p** 1-stop OAK-LAS **GO!**

3 return times available at this price

[Book it now](#) - [Email](#) - [IM](#)

jetblue.com

Vegas and save

www.cheapticket.com

Save with Flight deals for Las Vegas

Build your trip to find a great deal and Go.

www.orbitz.com

Las Vegas Vacation Packages from Lodging.com

Save more when hotel with your flight Vegas.

www.lodging.com



My Grade:

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



Search Mail Search

Your message has been sent.

Ask Your Question

1. Enter your question

You can ask 5 more questions today.

You have 110 characters to work with. Add details below.

:BETA:

Search Tags Blog Finder Popular About

president bush in All Blogs Search Options

882,052 posts about:

Add to Watchlist

president bush Search related blogs

Related tags: [Politics](#), [Hurricane Katrina](#), [Iraq](#), [Katrina](#), [Hurricane](#), [Supreme Court](#).

Recent Posts tagged [president bush](#) [View Tag »](#)

Top Blogs about [president bush](#) [View Blogs »](#)

Loading

Loading

20 posts in the last 44 minutes in All Languages

Weapons-grade Bullshit
to bring down the evil **Bush**/Cheney/Rumsfeld neo-con cabal, but tragically scoring only collateral... and essentially accused the Vice **President** of the United States of treason—with absolutely no evidence
Posted 9 minutes ago in [protein wisdom](#) 1,004 links Search this blog

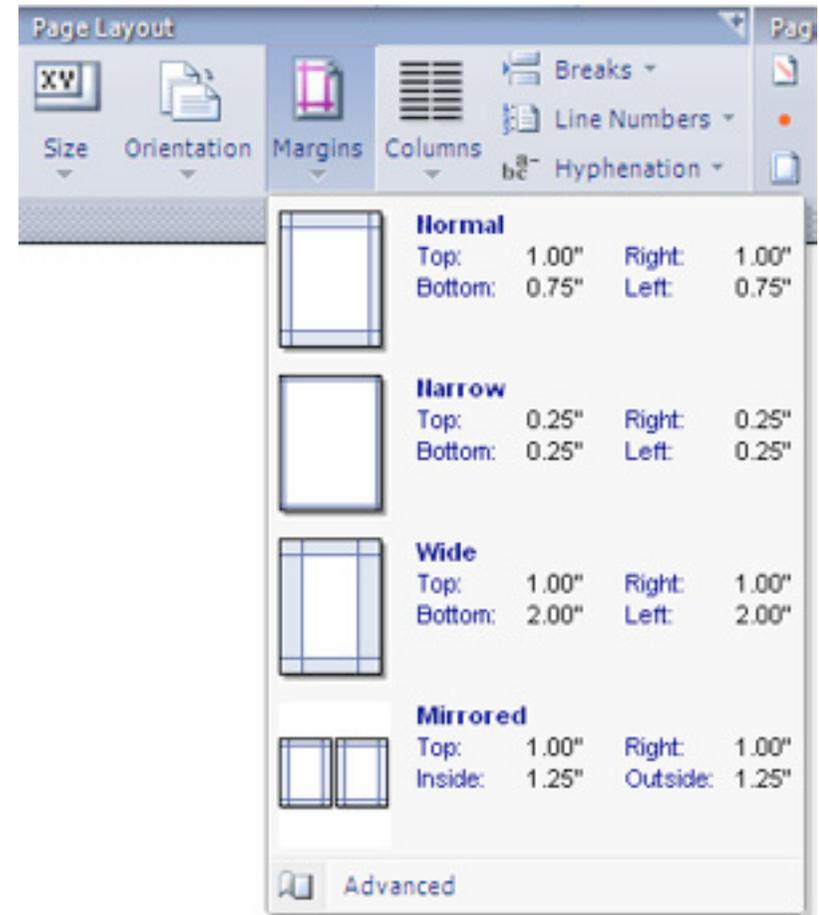
The Shocking Case of Ahmed Omar Abu Ali
members into the U.S. by means of Mexico, to commit aircraft piracy, and to kill **President Bush**
Posted 12 minutes ago in [Cassel: Civil Liberties Watch](#) 0 links Search this blog



digg spy: a real-time view of digg

spy on all stories spy on queued stories spy on front page stories

What?	Diggs	Story
	+695	Nintendo DS download station finder! http://www.nintendo.com/dsdownloadstation/
	+1399	How To Build a Game In A Week From Scratch With No.. http://www.gamedev.net/reference/articles/article2...
	+86	David Hahn - The kid who built a nuclear reactor i... http://en.wikipedia.org/wiki/David_Hahn
	+201	Another Apple Mac mini Dual Core 1.66GHz Review http://reviews.designtechnica.com/review3531.html
	+85	David Hahn - The kid who built a nuclear reactor i... http://en.wikipedia.org/wiki/David_Hahn



Office 12 Live Preview



size & color
overview
X



more views

Pique polo
Imported.
[only at gap.com](#)

Buy More and Save

select Color:
white
\$29.50 **Buy 2 or more, \$25.00 each**

~~\$29.50~~ **\$9.99**

select Size:

XS

S

M

L

XL

XXL

XXXL

also in tall
(prices may vary)

select qty

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

white
\$29.50

add to bag

**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. Live Preview.
Live Suggest. Character
Counter.**

Keep the goal in mind

Design for immediacy

Is it narrowing or is it distracting

Use feedback to boost confidence

Let the user iterate where possible

Most Popular

Most Emailed | Most Viewed | Most Recommended | My Sources

- Lonely elephants, edgy apes baffled by post-Katrina life at zoo Knight Ridder - Sun Oct 16, 4:40 PM ET
- Scientists Study Gorilla
- Inflation Soars Higher
- Rick Springfield's Soap
- Feds Want Banks to Stay Open

[All Most Emailed](#)



NEW ORLEANS - An AWOL alligator has resurfaced, elephants are forlorn and apes are agitated at Audubon Zoo, one of the nation's most renowned animal sanctuaries, left by Hurricane Katrina both broken and broke.

World

Just-in-time data

Students to Enroll

Crew ID	Last Name	First Name
400922	Peterson	Shelley
349294	Craft	Adrian
432939	Douglas	Elyane
468370	Hill	Petra
999300	Barnes	James
344935	Smith	James
139204	Miller	Gordon

Course Calendar



Students to Enroll

Crew ID	Last Name	First Name
400922	Peterson	Shelley
349294	Craft	Adrian
432939	Douglas	Elyane
468370	Hill	Petra
999300	Barnes	James
344935	Smith	James
139204	Miller	Gordon

Course Calendar



Just-in-time logic



Instant Search **BETA**

Instant Search gives you answers as you type -- no more waiting!

Why feel lucky when you can be right? With Instant Search, results instantly appear for [Yahoo! Shortcuts](#) and common searches. Give it a spin! Type in these examples below, or try your own searches:

- boston weather
- wikipedia
- nfl
- 22 5th ave new york ny
- san francisco coffee shops
- dmv

YAHOO! search php.net

monterey bay

from the Web next

- + Monterey.com
- + California State University, Monterey Bay
- + Monterey Bay - National Geographic
- + Monterey Bay Aquarium
- + Monterey Bay Aquarium: Live Web Cams
- + City of Monterey
- + NDBC - Station 46042
- + Monterey Bay Aquarium Research Institute
- + Skydive Monterey Bay
- + Monterey Bay

See Also: [monterey bay aquarium](#), [monterey bay clothing](#), [monterey bay ca](#), [cal state monterey bay](#), [monterey bay inn](#), [csu monterey bay](#), [monterey bay suites](#), [monterey bay hotels](#), [monterey bay lodge](#), [monterey bay jobs](#)



Web [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#) [more »](#)

pe, Google will offer suggestions. Use the arrow keys to navigate the results. [L](#)

[Feedback](#) - [Discuss](#) - [Terms of Use](#) - [FAQ](#)

©2006 Google



Keep the goal in mind

Design for immediacy

Is it narrowing or is it distracting

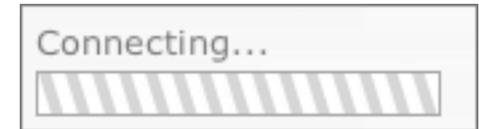
Use feedback to boost confidence

Let the user iterate where possible

Keep the user engaged

Time passes faster

Look for engaging moments



Keep the goal in mind

Design for immediacy

Is it narrowing or is it distracting

Use feedback to boost confidence

Let the user iterate where possible

Keep the user engaged

Time passes faster

Look for engaging moments

Find a domain name:

www.

(ex. widgetdesigns.com)

Search

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](#)

Use live-previews

Look before you leap



Keep the goal in mind

Design for immediacy

Is it narrowing or is it distracting

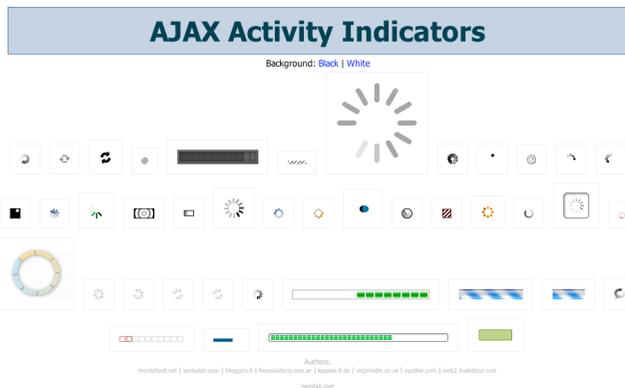
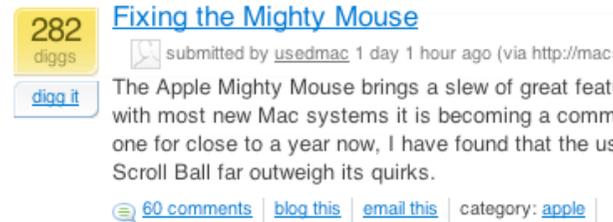
Use feedback to boost confidence

Let the user iterate where possible

Keep the user engaged

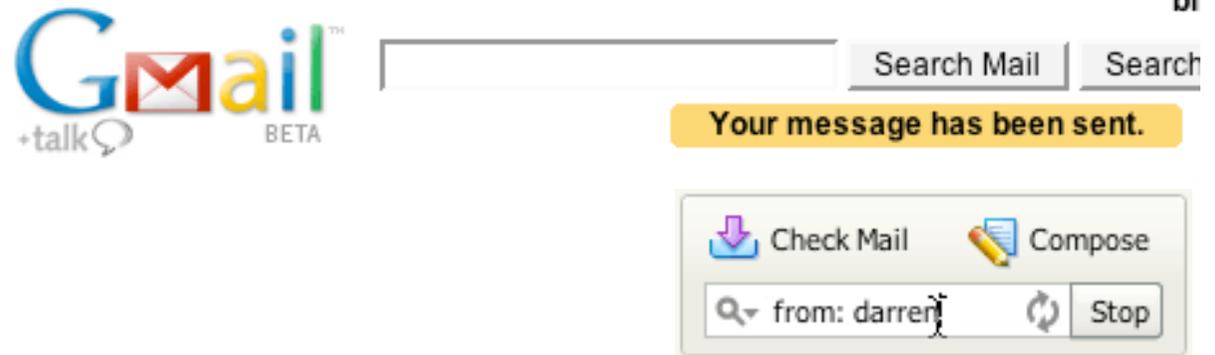
Time passes faster

Look for engaging moments



Use live-previews

Look before you leap



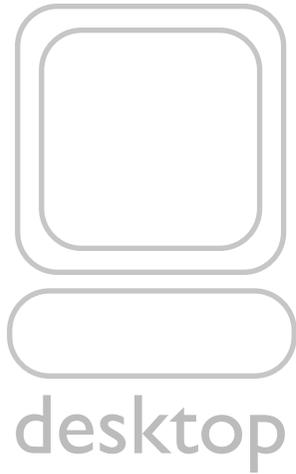
Keep feedback focused

Keep it in context

Updating too many areas at once will be confusing

Show dynamically what is relevant

Avoid creating feedback noise/jitter



hover blur focus **click key**
shiftclick doubleclick
drag dragdrop dragflipdrop
shiftdoubleclick tripleclick shifttripleclick

hover blur focus **click key**
shiftclick doubleclick
drag dragdrop dragflipdrop
shiftdoubleclick tripleclick shifttripleclick



hover blur focus **click**
key shiftclick doubleclick dragdragdrop

hover blur focus **click**
key shiftclick doubleclick drag dragdrop

3

Offer an invitation

Park near our new home

- ADD NOTE
- SEND TO GROUP
- ADD TO SET
- BLOG THIS
- ALL SIZES
- ORDER PRINTS
- ROTATE
- DELETE



Lists

Remove this item

Add item or **I'm done adding items**

[Make a new list](#)

My Grade:

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

classic



Pique polo
\$9.99-\$29.50
 Buy More and Save



double mini striped
 pique polo
 \$29.50
 Buy 2 or more, \$25.00
 each [See All](#)



allover striped pique
 polo
 \$29.50
 Buy 2 or more, \$25.00
 each [See All](#)



rugby stripe pique polo
 \$29.50
 Buy 2 or more, \$25.00
 each [See All](#)

	From	Subject
	Peter Boersma	Re: [unreadable]
	Yahoo! Toolbar	Welcome to
	Weekend Extra	5 Tips for

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 Amazon.com over 4% of the time; those clicks resulted in a purchase nearly 6% of the time.

Now we're opening the beta up to all Associates to further improve product previews. The first 500 Associates who refer a sale through a product preview-enhanced link will receive a \$5 Amazon gift certificate. [Click here to join your fellow Associates in beta testing product previews.](#)

Don't worry if you don't already have Basic Display Product Links on your Web site. You can create them as part of the sign-up process. [Click here](#) for answers to questions you might have about the beta program.

Hello Bill [Sign Out, My Account] ☀️ 48° - 60°

[+](#) Add Content [↕](#) Change Layout [🎨](#) Change Colors

Best Fare Tracker edit ✕

Depart: New York, NY - all

Paris, France - all \$193.00

Depart: Seattle/Tacoma, WA

Honolulu, HI \$333.60

Depart: San Francisco, CA

London, United Kingdom - all \$253.00

Find other Best Fares:

From:

To:

Adults:

Disclaimer
* Some taxes and fees additional.

Scoreboard edit ✕

TODAY

no games for selected teams

YESTERDAY

NHL

Detroit vs.	1	F
Dallas	2	ot

NBA

Utah vs.	89	F
Dallas	103	

Listen to live audio of college games

Message Center edit ✕

Check Email

Launch Messenger **11 friends on**

Students to Enroll

	Crew Id	Last Name	First Name
	349394	Craft	Adrian
	432939	Douglas	Elayne
	468370	Hill	Petra

Course Calendar

DEC 2005						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
	600922/Peterson		999300/Barnes 344935/Smith 139204/Miller			
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



**Invitation. Cursor Invitation.
Drop Invitation. Tool Tip
Invitation. Hover Invitation.**

Make it engaging

Use lightweight events as a welcome mat

Rediscover the hover

My Grade:

A
B+ B B-
C
D
F

B-
Fair

[write a review](#)

Lists

Remove this item

Add item or **I'm done adding items**

[Make a new list](#)

Make it engaging

Use lightweight events as a welcome mat
Rediscover the hover

Keep actions out of it

Don't make the user afraid to explore
Don't proselytize

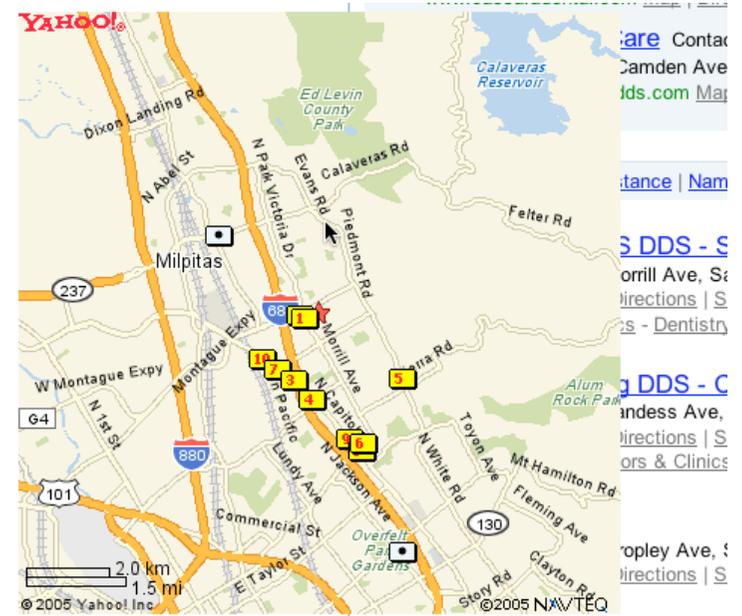
To see a product preview in action, hover over the link below.



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 Amazon.com over 4% of the time; those clicks resulted in a purchase nearly 6% of the time.

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Don't worry if you don't already have Basic Display Product Links on your Web site. You can create them as part of the sign-up process. [Click here](#) for answers to questions you might have about the beta program.



Make it engaging

Use lightweight events as a welcome mat
Rediscover the hover

Keep actions out of it

Don't make the user afraid to explore
Don't proselytize

Park near our new home

 ADD NOTE  SEND TO GROUP  ADD TO SET  BLOG THIS  ALL SIZES  ORDER PRINTS  ROTATE  DELETE 



Get the actors involved

Hover Invitation

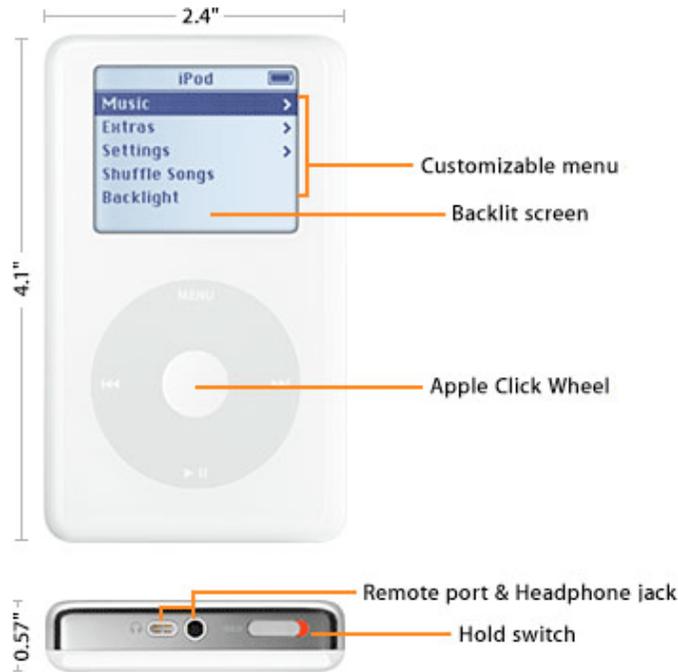
Cursor Invitation

Tooltip Invitation



Make it engaging

Use lightweight events as a welcome mat
Rediscover the hover



Get the actors involved

Hover Invitation
Cursor Invitation
Tooltip Invitation

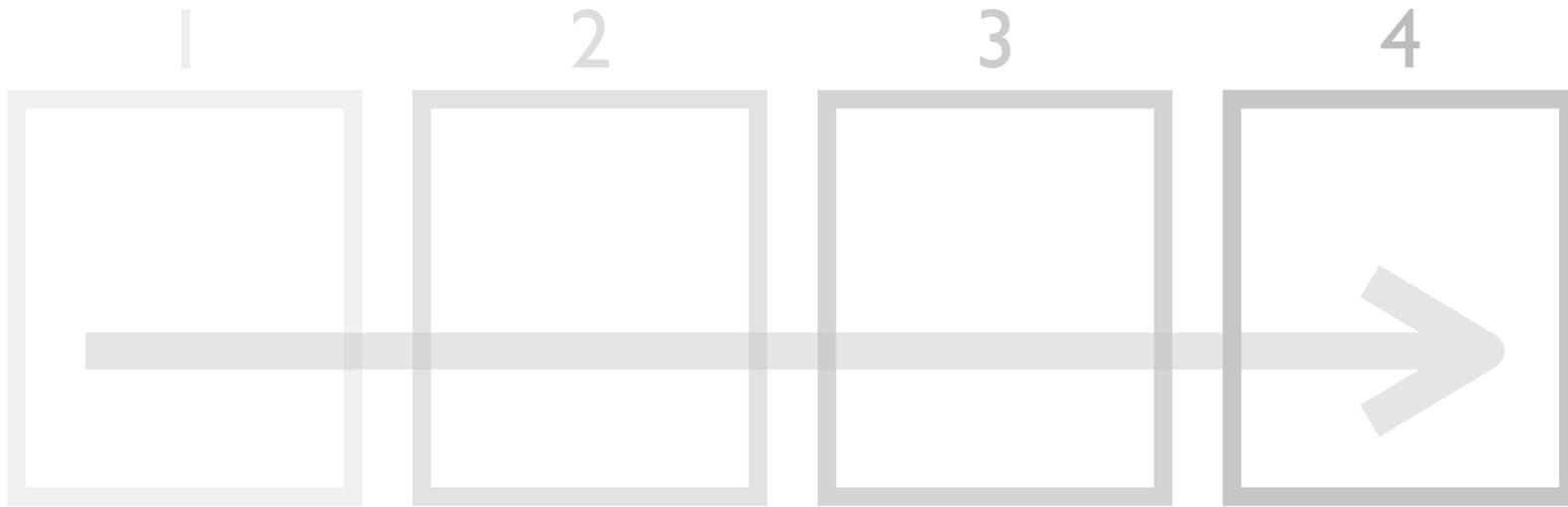
Keep actions out of it

Don't make the user afraid to explore
Don't proselytize

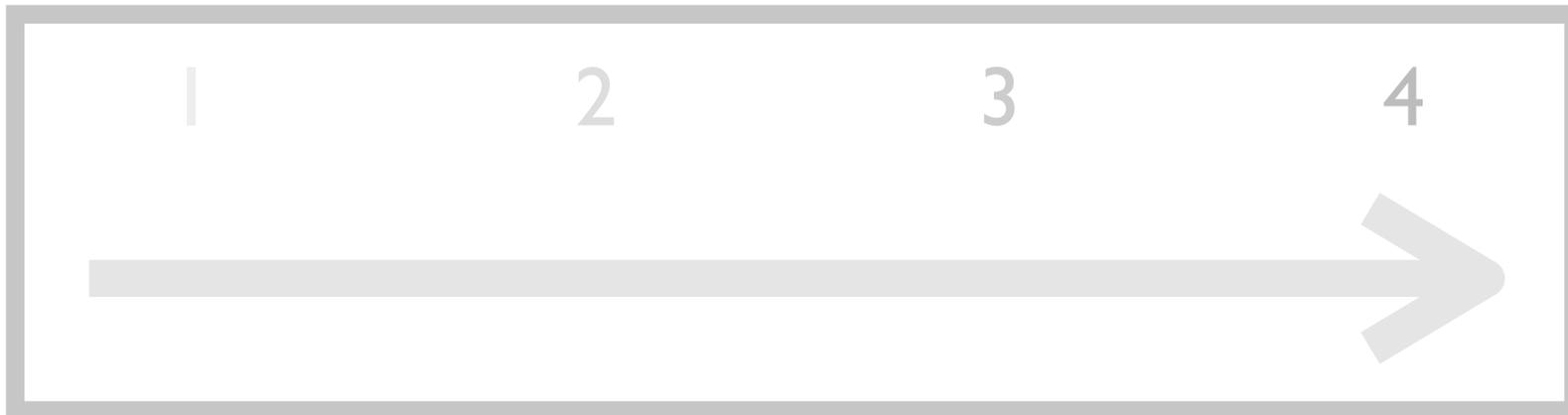


Use invitations to aid discoverability

Two challenges: idiom & feature
Adding signposts, always-on clues doesn't scale
Add tours, help pedals, tips, spotlights



classic flow across pages



rich flow within page

4

Cross borders reluctantly

Rico LiveGrid

RICO AJAX SEARCH

LiveGrid Demonstration Powered by Yahoo! Search

Select Search Category: **Web** Images Videos

Search the Web:

- Search Results Results 1 - 5 of about 10600000 for monterey bay
- [Monterey.com](#)
guide to attractions, lodging, dining, and more. A service of the Monterey Peninsula Visitors and Conventions Bureau.
<http://www.monterey.com/> - text/html
 - [California State University, Monterey Bay](#)
comprehensive state university which values service through high quality education.
<http://csumb.edu/> - text/html
 - [Monterey Bay - National Geographic](#)
Monterey Bay @ nationalgeographic.com ...
http://www.nationalgeographic.com/monterey/ax/primary_fs.html - text/html
 - [Monterey Bay Aquarium](#)
mission is to inspire conservation of the seas.
<http://www.mbayaq.org/> - text/html
 - [Monterey Bay Aquarium: Live Web Cams](#)
Eight live web cameras of the Monterey Bay Aquarium's marine life exhibits and Monterey Bay, Monterey, CA. ... Monterey Bay Aquarium, 886 Cannery Row, Monterey, CA 93940 Tel: (831) 648-4800. © 1999-20
http://www.mbayaq.org/efc/cam_menu.asp - text/html

YAHOO! MAIL BETA Welcome, **b.scott** Yahoo! | My Yahoo! | News Sign Out, My Account, Switch Back Search the Web... Search

Check Mail Compose Find Messages... Go

Inbox 2324 messages Send Feedback | Options | Help

From	Subject	Received
me	Re: rico question	Thu, 1/19/2006 10:19:22
Bill Scott	[Looks Good Works Well]	1/19/2006 01:13:22
JDJ Industry Newsletter	Java Named "Programming Language of the Year"	Thu, 1/19/2006 10:19:22
Travelocity Member Services	Price Alert! Flight + 5 Night Hotel to Honolulu	Thu, 1/19/2006 10:19:22
Theresa Neil	Re: Job Description	Thu, 1/19/2006 10:19:22
Damon Houglund	Job Description	Thu, 1/19/2006 10:19:22
Finan, Angelique	RE: Speaking Engagement Opportunity	Thu, 1/19/2006 10:19:22
David Schontzler	Re: [ng-dhtml] assert(), isNaN(), isOfT	Thu, 1/19/2006 10:19:22
TagWorld	This week in TagWorld	Thu, 1/19/2006 10:19:22
me	rico question	Thu, 1/19/2006 10:19:22
Anonymous	[Looks Good Works Well]	1/19/2006 10:22:22
Anonymous	[Looks Good Works Well]	1/19/2006 10:19:22
Anonymous	[Looks Good Works Well]	1/19/2006 10:19:22
Anonymous	[Looks Good Works Well]	1/19/2006 10:19:22

Standard Header | Hide Pane

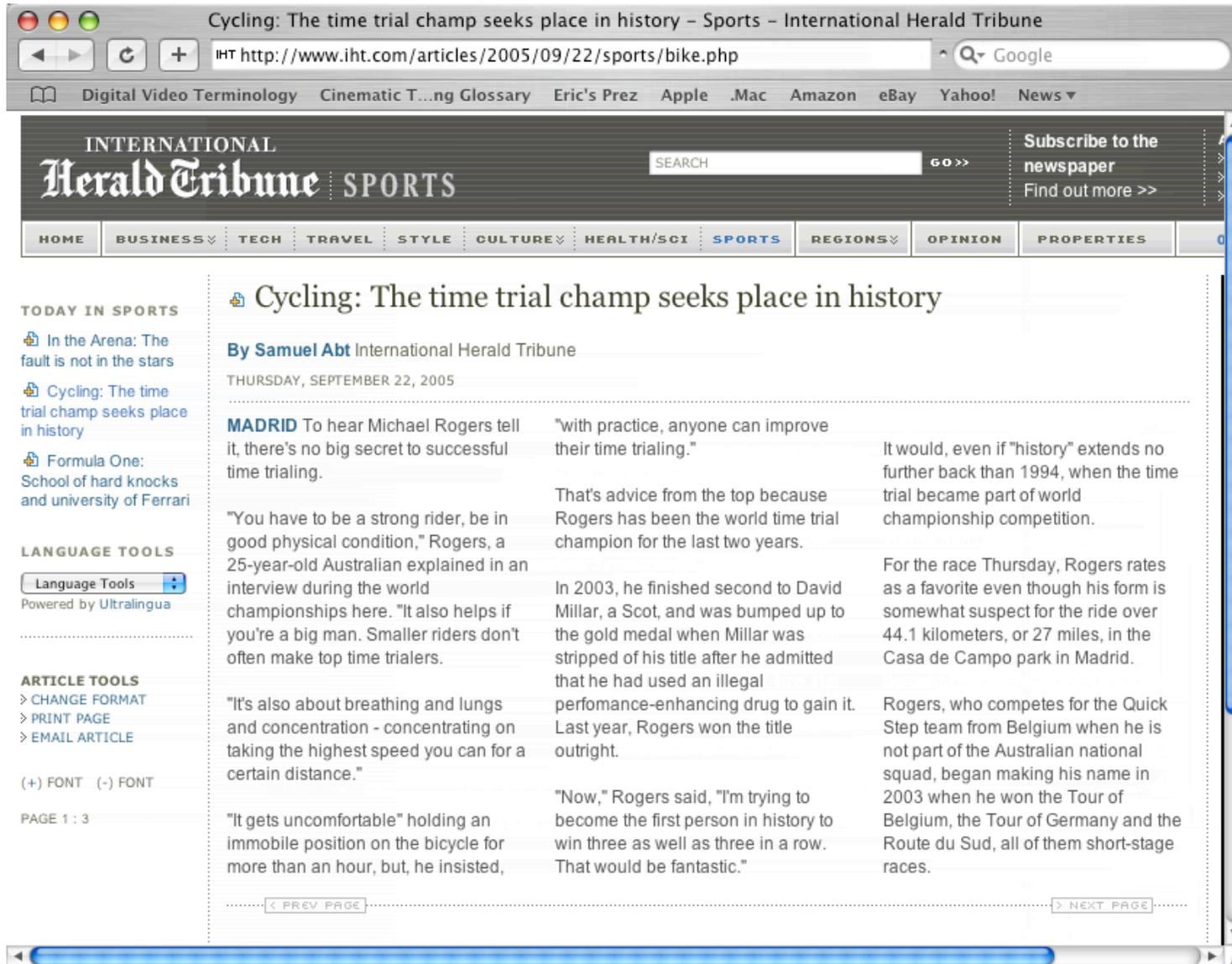
Got your eye on one of those messages up there?
To view your message down here in this handy Reading pane, just click on it. To select more than one, hold the Shift or Command key.

What's your Credit Score?
Netflix-Try Free! No Late Fees
Online Degree Programs

Yahoo! Mail Beta (Oddpost)



- At the very least make your paging fast



Buy 1 or more, save \$14.55 each [See All](#) #308593 prices may vary

select Color: navy
\$44.50 Buy 1 or more, save \$14.55 each [See All](#)



select Waist: 38W select Length: 30L

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

size chart

Quantity: navy, 38W 30L
\$44.50 [add to bag](#)

CH [Search by topic](#)

Contact: [Private](#)

How can we be of service?

Select...



Signed in as [billwscott](#) | [Send Feedback](#) | [Help](#) | [My](#)

1 Select Page: or [Create new page](#)

2 Review Item:

[About VideoEgg](#) **VideoEgg**
Added by billwscott (12/1/05) from www.videoegg.com
It means internet video publishing as simple as it ought to be—like posting a photo or frying an egg. VideoEgg, Inc. is an innovative, venture-backed company committed to...

Does it look OK to you? If not, then [fix details](#).

3 [Submit](#) [Cancel](#)



select Color: **babe pink combo** #357223
\$14.50

select **Size:**

[size chart](#)

Quantity:

babe pink combo
\$14.50

please select a Size before adding to bag

[more views](#)

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.

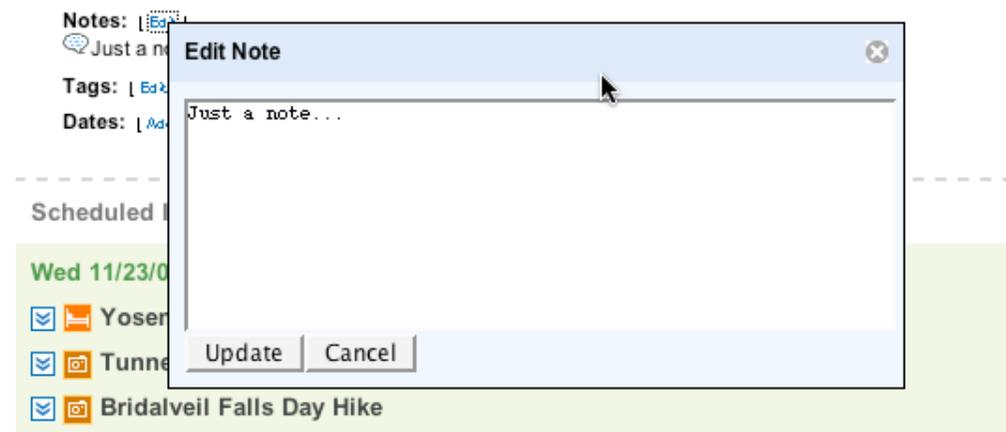
Password strength: Too short

Find a domain name:

www. }
(ex. widgetdesigns.com)

Search

- For **introduction** of features
- For giving **instruction**
- For revealing **information**
- For **interrogative** feedback
- For obtaining **input**
- For important **interruptions**
- For **indication** of status or progress
- For offering an **invitation**



Wired News: Top Stories [edit](#)

[Christians Code Heavenly Games](#)

[Cloning the Best in Show](#)

[Brain Workouts May Tone Memory](#)

Movies [edit](#)

[Showtimes for 76208 »](#)

[Must Love Doos](#) 1hr 30min - Rated PG-13

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](#)

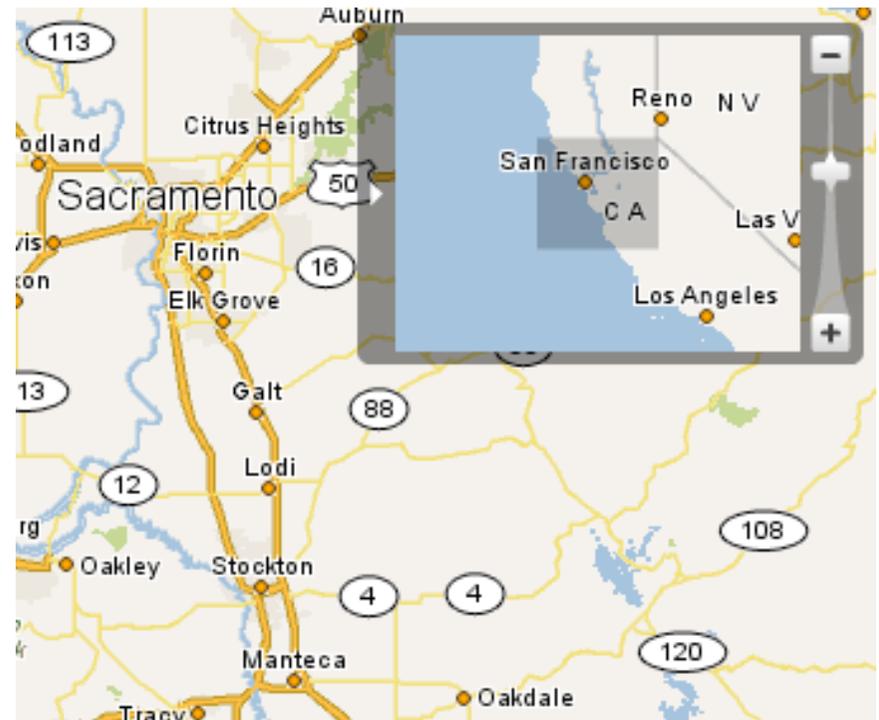
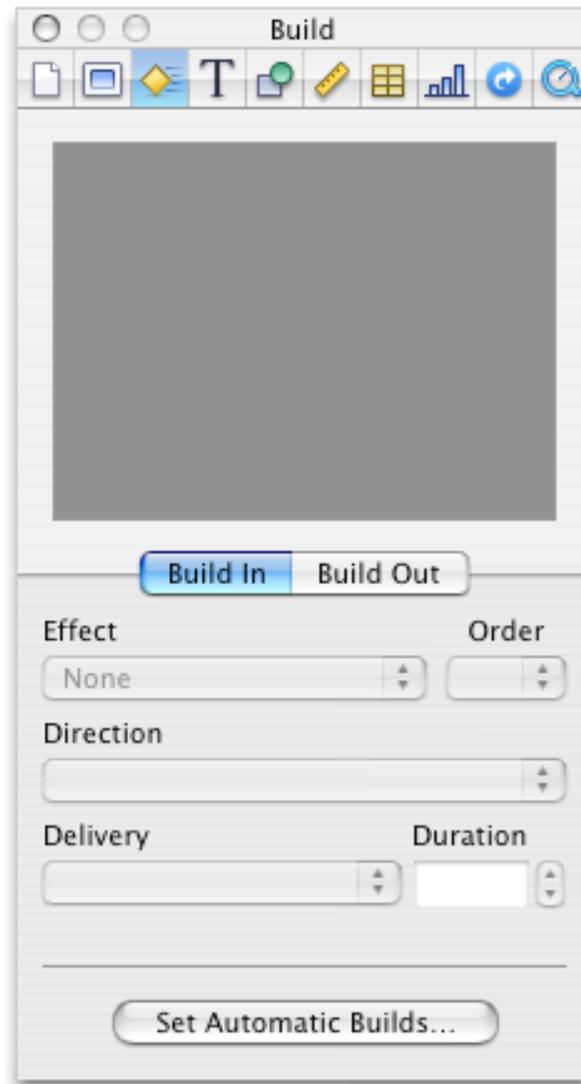
Scheduled Items

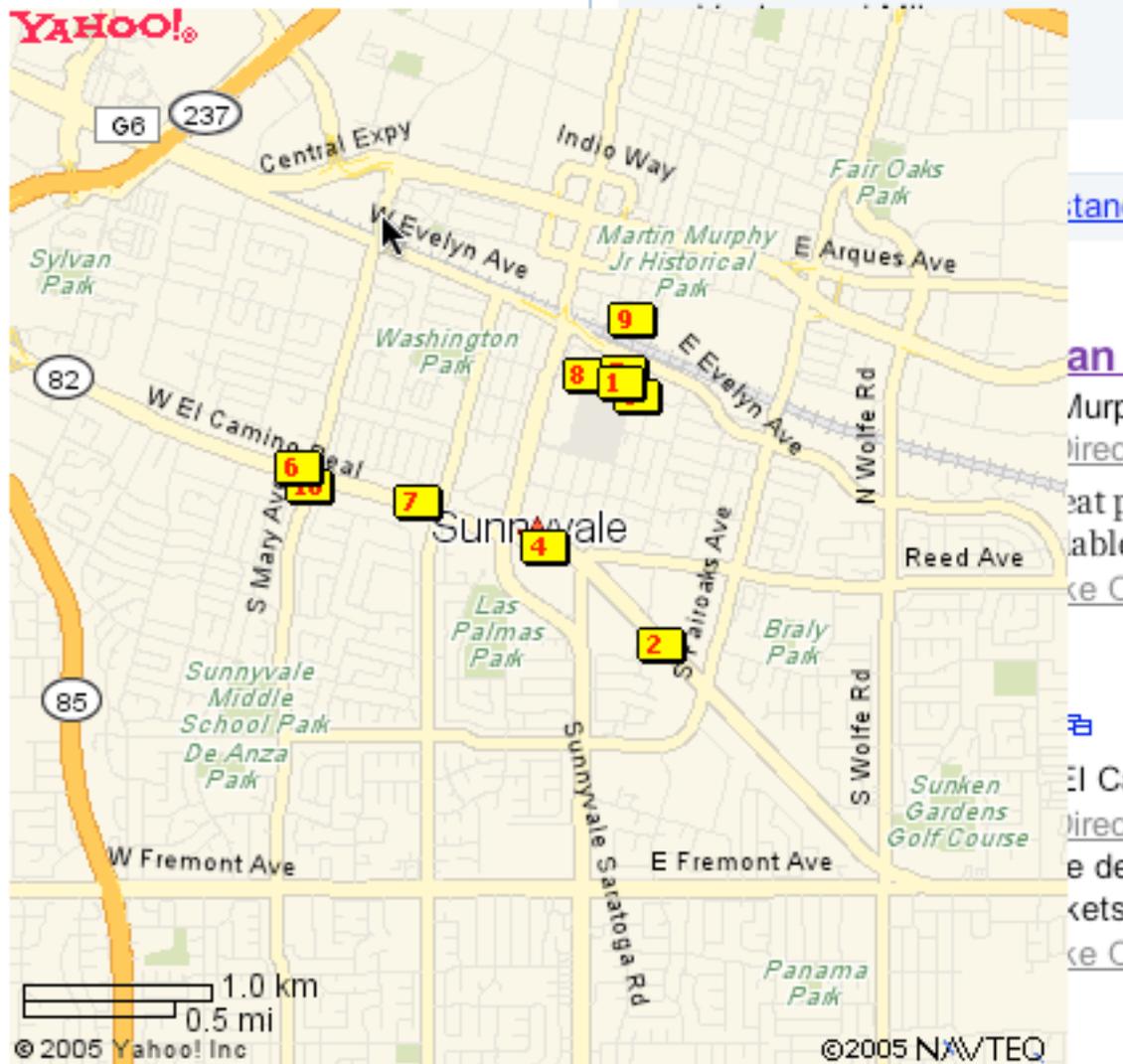
Wed 11/23/05 (day 1) - Yosemite Natl Pk, Yosemite National Park

Yosemite Lodge

Tunnel View

Bridalveil Falls Day Hike





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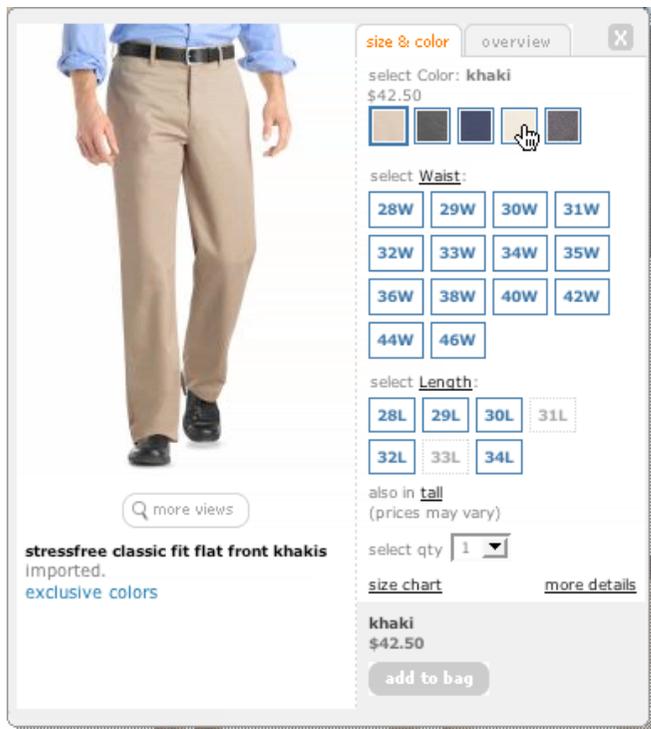
3. [Il Postale](#) ☞

**Endless Scrolling. Expandable Paging
Boundary. Fresh Content. Hover Detail.
In Place Drill Down. Inline Assistant.
Inline Validation. Validate Then Suggest.
On Demand Refresh. Resizable Modules.
Scrolling Modules. 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.**

Rethink process flows

Its the user's model, not the page model

Every page jump is a mental speed bump



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

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

khaki
\$42.50

[add to bag](#)

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

[more views](#)

My Account
See Order Status
[Sign In](#)

2 items in **my bag** [checkout](#)

RESISTANT TECHNOLOGY

DRESS PANTS
Experience the craftsmanship and premium fabrics of quality cotton and wool blends.

Rethink process flows

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

Rethink paging

Its the user's model, not the paging model
Use scrolling for "owned" data
Watch out for dual scroll bar issue

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

RICO AJAX SEARCH

LiveGrid Demonstration Powered by Yahoo! Search

Select Search Category: Web Images Videos

Search Images: Search Yahoo!

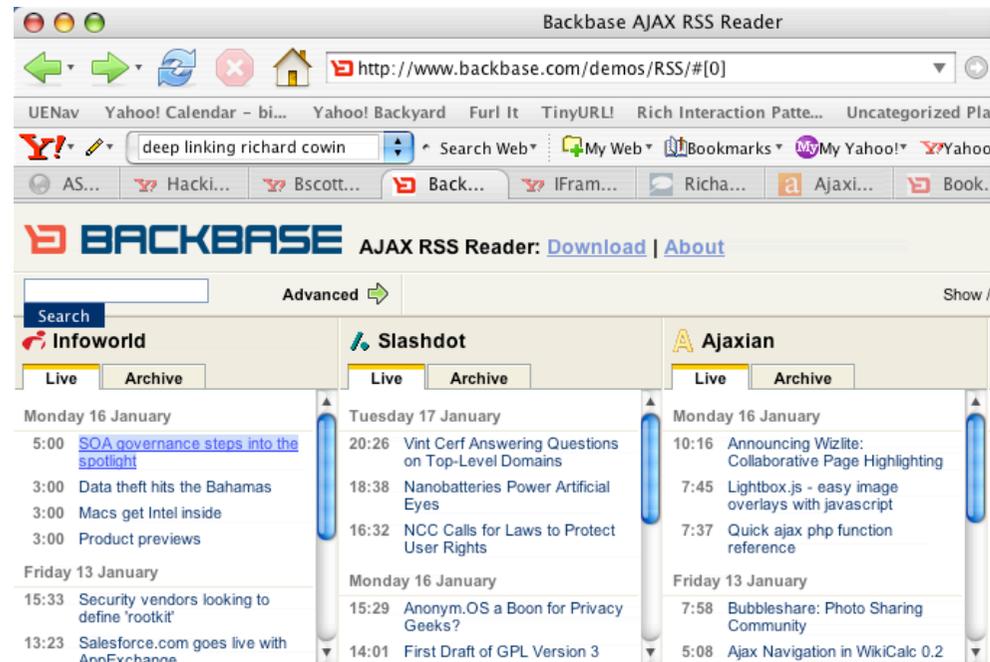
Search Results Results 1 - 5 of about 1580284 for flowers

	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

New Search << Pre

Rethink process flows

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



Plan for linking, crawling and back button

Not everything is a single page application
What will the user think the back button does?

Rethink paging

Its the user's model, not the paging model
Use scrolling for "owned" data
Watch out for dual scroll bar issue

[Learn more...](#)

Use overlays

For momentary interruption

Replace page transition

When editing an individual, more complex item

Be symmetrical

Not disturb the page

- **Starter Web Page**

Publish basic information on a placeholder [web page](#) — until you're ready to upgrade to a full web site.

[View a sample.](#)



- **Domain Locking**

Safeguard your domain from hijacking and unauthorized transfers with [domain locking](#). Yahoo! Domains secures your domain for you — and only you.

- **Domain Forwarding**

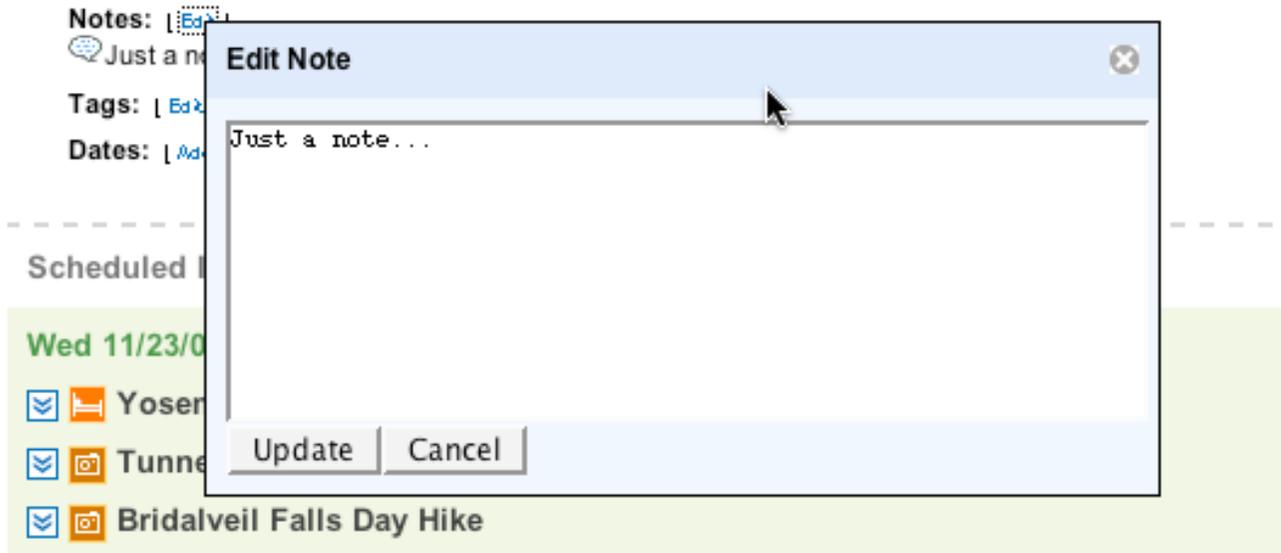
Point your new domain name to a web site you already have with [domain forwarding](#). This is a useful feature if you own multiple domain names.

- **Complete Domain (DNS) Control**

Advanced users: You can easily edit your name servers and [MX](#), [A](#), and [CNAME](#) records for complete control over your domain.

- **Email Forwarding**

Unlimited [forwarding](#) of messages sent to your new domain name into your free Yahoo! email account.



Use overlays

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When editing an individual, more complex item

Be symmetrical

Not disturb the page

Wired News: Top Stories [edit](#)

[Christians Code Heavenly Games](#)

[Cloning the Best in Show](#)

[Brain Workouts May Tone Memory](#)

Movies [edit](#)

[Showtimes for 76208 »](#)

Must Love Doos 1hr 30min - Rated PG-13

Use in-context expands

For editing part of a collection

Need to see surrounding context

For managing content modules

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

Use overlays

For momentary interruption

Replace page transition

When editing an individual, more complex item

Be symmetrical

Not disturb the page

Fantasy Games Archive [Privacy Settings](#)

All Sports | Baseball | Basketball | Football | Auto Racing | Golf | Hockey

All Fantasy Games

You have not played any Fantasy Games

Search: for

Copyright © 2006 Yahoo! Inc. All rights reserved. [Privacy Policy](#) - [Terms of Service](#) - [Copyright/IP Po](#)

Use space creatively

Slide, zoom, flip, lens, fade

Think of your backstage

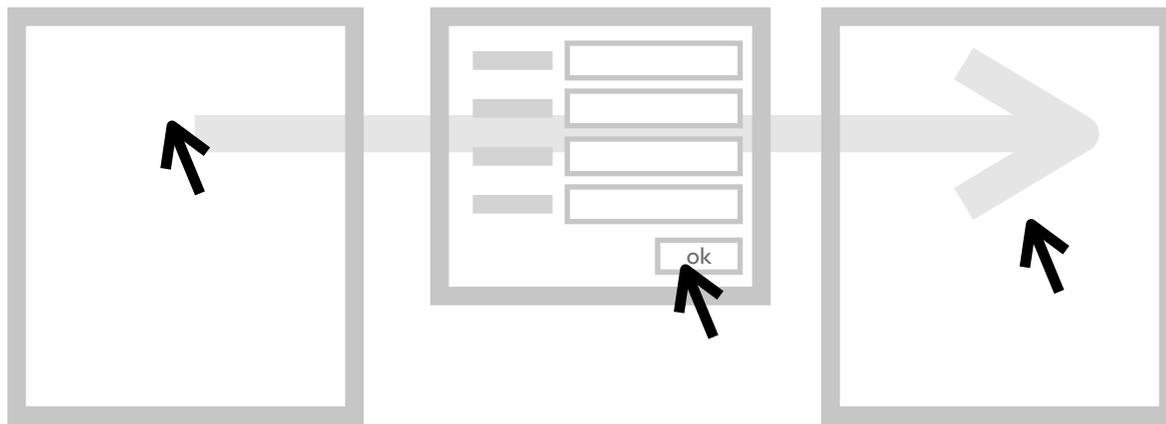
Use in-context expands

For editing part of a collection

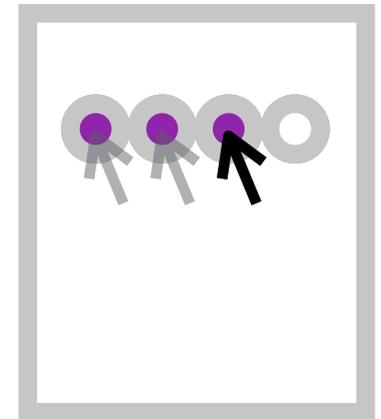
Need to see surrounding context

For managing content modules





heavy click-weight



light-weight actions

5

Leave a light footprint

1 2 3 4 >> [See All](#)

straight fit



loose straight fit
(sandblasted vintage)
\$49.50



straight fit corduroy
pants
\$44.50
Buy 1 or more, save
\$14.55 each [See All](#)



straight fit (blasted
black)
\$49.50



straight fit (dark
authentic)
\$44.50

  **Tunnel View** [View](#) | [Map](#) | [Delete](#)

  **Bridalveil Falls Day Hike**

Pages Writeboards Reminders

Add tags

Bill's Work – To Do

Body List Notes Files Images Writeboards Links Sharing ?

[Lists](#)

Public Pattern Project

- Create Taxonomy Tree for all current patterns
- Finish Transition Patterns
- Move public patterns to new template and stage
- Creative Commons License
-
- YDN Patterns Blog Article
- Schedule review meeting for Wed
- Schedule review meeting for Friday

[Add Item](#) | [Reorder](#)

- Microsoft Vista, Office 12
Contextual Command Tabs



Classics

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](#)

Add



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](#)

Add

[More Recommendations >](#)

Featured Subgenre
CLASSIC COMEDIES



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](#)

Add



Monty Python's Life of Brian



Not Interested

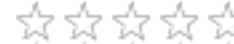
The crown princes of British comedy are at it again -- this time, in a send-up of the life and times of Jesus Christ. Perhaps the most controversial

Add

again -- this time, in a send-up of the life and times of Jesus Christ. Perhaps the most controversial

RECOMMEND THIS STORY

Recommend It:



Average (63 votes)



Sauce

(415) 252-1369

131 Gough St
San Francisco, CA 94102

Cross Street:
Near intersection of Gough St and Lily St

www.saucesf.com



Average Rating (10)

[Read 10 reviews](#)

Rate it:



[Write a Review](#)

0 items in **my bag** [checkout](#)

Pique polo

only at gap.com

overview

you'll also like

Soft cotton pique knit.

Short-sleeved, button neckline.

- [Need large quantities? Click for Corporate Apparel!](#)
- 100% Cotton. Machine wash. imported.



regular

tall

Buy More and Save

#346927
prices may vary

select Color: **royal grape**

\$29.50 **Buy 2 or more, \$25.00 each**



~~\$29.50~~ **\$9.99**



select Size:



[size chart](#)

Quantity:

royal grape

~~\$29.50~~ **\$9.99**

[add to bag](#)



**Auto Save. In Context
Tools. In Page Action.
Remembered Collection.
Remembered
Preferences. Auto Form
Fill. Live Ratings.**



Watch your click weight

Keep actions immediate and light
Count “clicks”

Classics

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](#)

[Add](#)



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[Add](#)

[More Recommendations >](#)

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Fun with Dick and Jane

★★★★☆

Not Interested

[Add](#)

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Monty Python's Life of Brian

★★★★★

Not Interested

[Add](#)

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

[digg it](#)

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.

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

Watch your click weight

Keep actions immediate and light
Count "clicks"

Design for engaging moments

Use invitations
Keep it fun, exciting and light
Treat it like an impulse aisle

The Critics: B- 14 reviews	My Grade: Rate this Movie! Select grade to the right write a review	<input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D <input type="radio"/> F
----------------------------------------------------------------	------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------



Watch your click weight

Keep actions immediate and light
Count “clicks”

Design for engaging moments

Use invitations
Keep it fun, exciting and light
Treat it like an impulse aisle

RECOMMEND THIS STORY

Recommend It:



Average (63 votes)



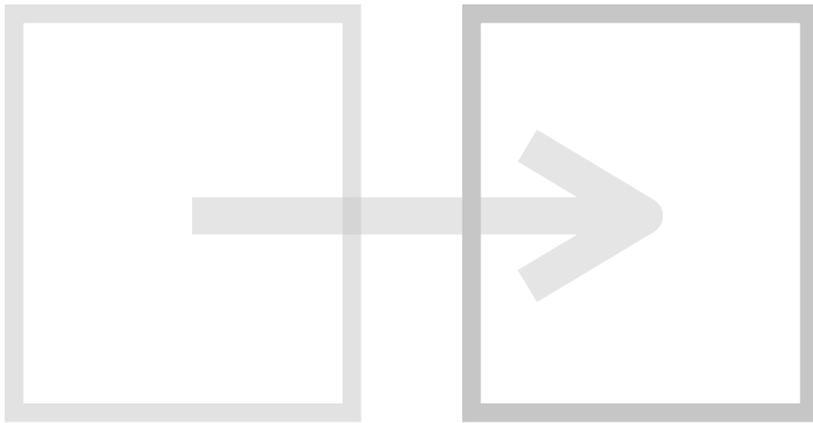
Use lightweight events

Hover

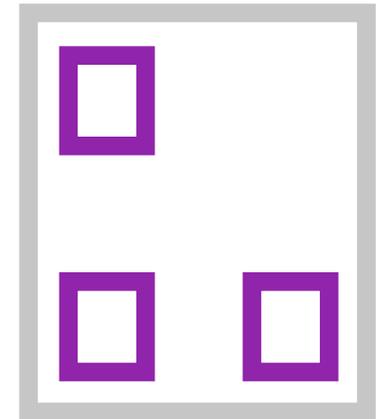
Blur, focus

Click. Avoid double-click





page-based transitions



multiple transitions,
single page




Show transitions



Yosemite Thanksgiving [\[Edit \]](#)

A trip to YOSEMITE NATIONAL PARK
Fun in Yosemite with Daniel & Kids

[This trip is public](#) • [Sharing settings](#) • [Email this trip](#)

[\[Update photos \]](#)

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**

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: [\[Edit \]](#)

yosemite, hiking



Women

GapBody

GapMaternity

GapKids

babyGap

my account

see order status

sign in



3 items in **my bag**

checkout

Shoes, Belts & More

1 2 >> [See All](#)

bags



Premium canvas duffle bag
\$49.50



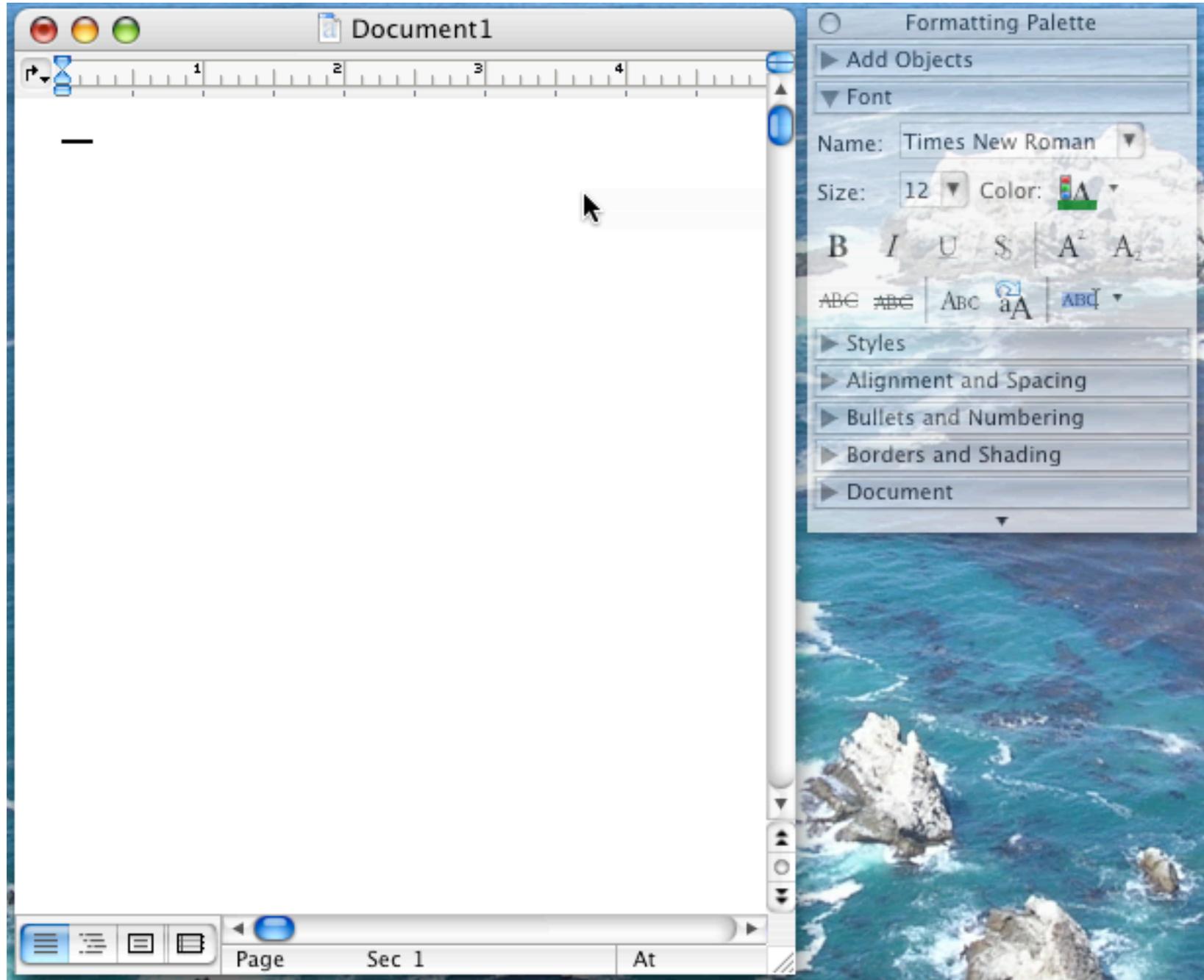
urban nylon sling
\$34.50



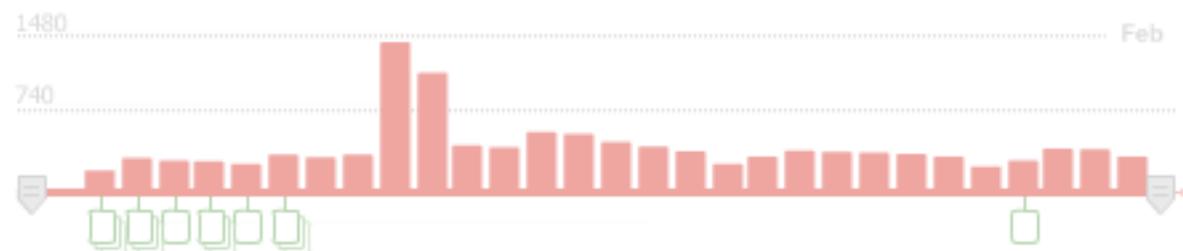
urban nylon backpack
\$29.50



nylon commuter bag
\$68.00



Visitors to your blog



9080 visitors came to your blog

That's 313 fewer than an average 30 day period.

digg spy: a real-time view of digg

spy on all stories

spy on queued stories

spy on front page stories

What?	Diggs	Story
	+695	Nintendo DS download station finder! http://www.nintendo.com/ds/downloadstation/
	+1399	How To Build a Game In A Week From Scratch With No.. http://www.gamedev.net/reference/articles/article2...
	+86	David Hahn - The kid who built a nuclear reactor i... http://en.wikipedia.org/wiki/David_Hahn
	+201	Another Apple Mac mini Dual Core 1.66GHz Review http://reviews.designtechnica.com/review3531.html
	+85	David Hahn - The kid who built a nuclear reactor i... http://en.wikipedia.org/wiki/David_Hahn



Lists

- Remove this item
- And this one too
- adding a new item

Edit

Add item or **I'm done adding items**

Fantasy Games Archive [Privacy Settings](#)

All Sports | Baseball | Basketball | Football | Auto Racing | Golf | Hockey

All Fantasy Games

You have not played any Fantasy Games

Search: for

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• Starter Web Page

Publish basic information on a placeholder [web page](#) — until you're ready to upgrade to a full web site. [View a sample.](#)

• Domain Locking

Safeguard your domain from hijacking and unauthorized transfers with [domain locking](#). Yahoo! Domains secures your domain for you — and only you.

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• Complete Domain (DNS) Control

Advanced users: You can easily edit your name servers and [MX](#), [A](#), and [CNAME](#) records for complete control over your domain.

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Unlimited [forwarding](#) of messages sent to your new domain name into your free Yahoo! email account.



[Learn more...](#)



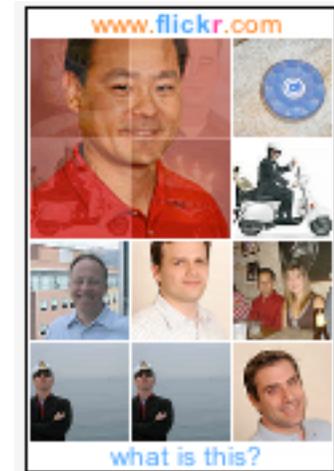
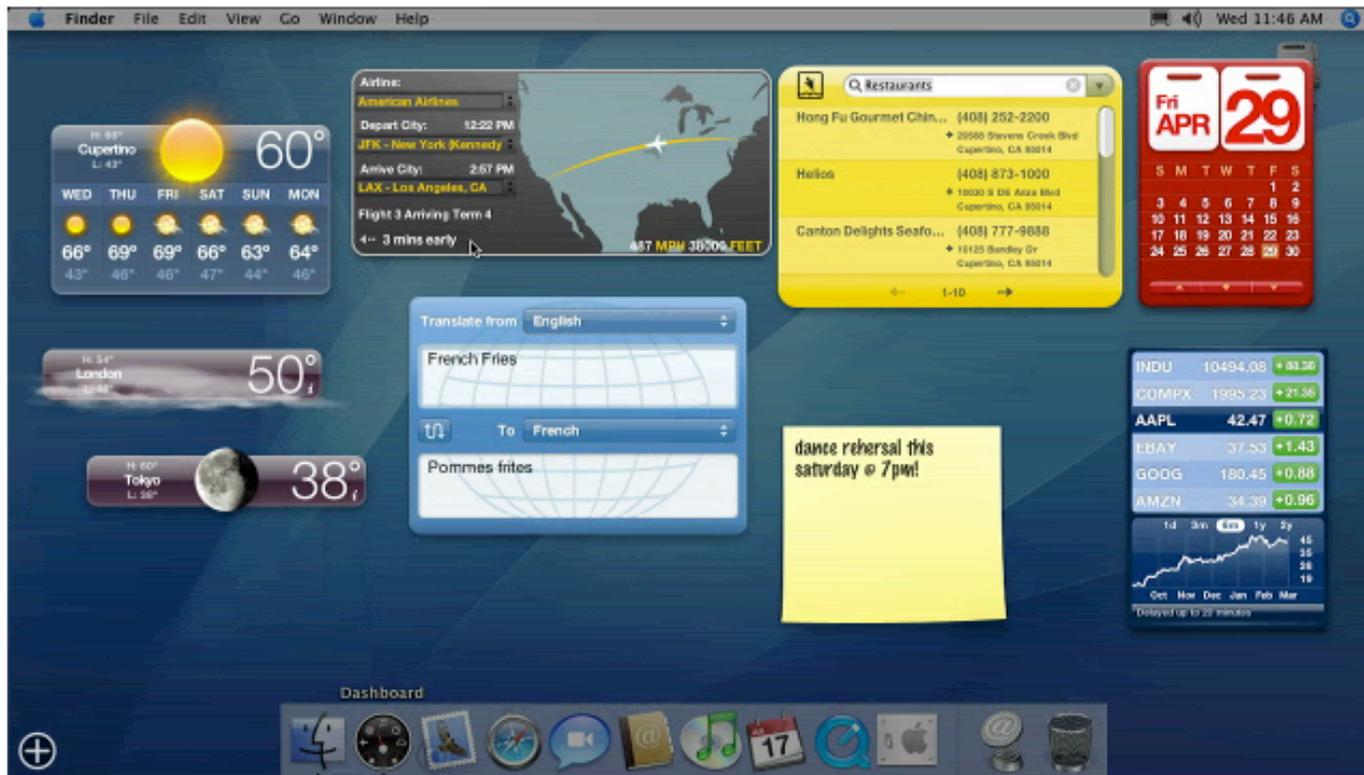
- Brighten. Raise importance
- Cross Fade. One leaves, another enters
- Dim. Lower importance
- Expand. Open in context of others
- Fade In. Good for adds
- Fade Out. Good for deletes
- Flip. Edit configuration
- Animate. Change relationship, tweening
- Self-Healing. After delete or “yank”
- Collapse. Close in context of others
- Slide. Similar to expand but child window

**Transition. Brighten Transition.
Cross Fade Transition. Dim
Transition. Expand Transition.
Fade In Transition. Fade Out
Transition. Flip Transition.
Animate Transition. Self-
Healing Transition. Collapse
Transition. Slide Transition.**

Speak to the BRAIN

Understanding attention processing

Sending the wrong message



Speak to the BRAIN

Understanding attention processing
 Sending the wrong message

Lists

- Remove this item
- And this one too
- adding a new item

[Edit](#)

Add item or **I'm done adding items**

Women GapBody GapMaternity GapKids babyGap **my account**
see order status sign in

3 items in **my bag** **checkout**

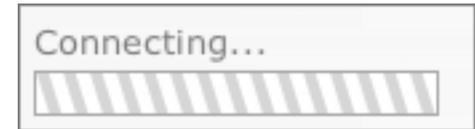
Shoes, Belts & More

bags

			
Premium canvas duffle bag \$49.50	urban nylon sling \$34.50	urban nylon backpack \$29.50	nylon commuter bag \$68.00

What you can communicate

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



YAHOO! PLUS

Select Type: **Web** Images Local News Shopping My Services Feedback

Search: Search

Scoreboard: TODAY
 NHL: Tampa Bay vs. Dallas (5-3)
 NBA: Dallas vs. LA Clippers (0-0)

Message Center: Check Email, Launch Messenger 14 friends on

Weather: Dallas, TX 40...75 F, Denton, TX 35...75 F, Sunnyvale, CA 42...57 F, Boulder Creek, CA 39...59 F, Gilroy, CA 38...57 F, San Jose, CA 42...58 F

Software News: AccuRev gives software configuration system global focus, Anti-virus Software: The Next Big Worm Target?, India's Satyam logs 64 percent rise in third-quarter profit, Cisco Patches Router, Call Manager Software

eHub: eHub Interviews Prodigem, Veetro, MediaMax, IOWEYOU, HyperSuper

BayCHI Monthly Program Events: 2006/02/14: Monthly Program Meeting



Speak to the BRAIN

Understanding attention processing
Sending the wrong message

What you can communicate

Speed up time
Slow down time
Show state change
Show relationships between objects

Rain or Shine? Zipcode: 95132

Current Conditions

San Jose, CA

64°F

A Few Clouds

Humidity: 70 %
Barometer: 29.97" (1014.7 mb)
Windspeed: Calm
Dewpoint: 54 F (12 C)
Heatindex: None
Last Update: May 31, 8:53 am PDT

Radar Maps
Forecast

Flickr Slideshow

enter a username or keywords Username

YouTube Explorer

Search Videos

Featured Videos

New Rococo, Dvd Trailer
runtime: 01:14
by: [perplex](#)

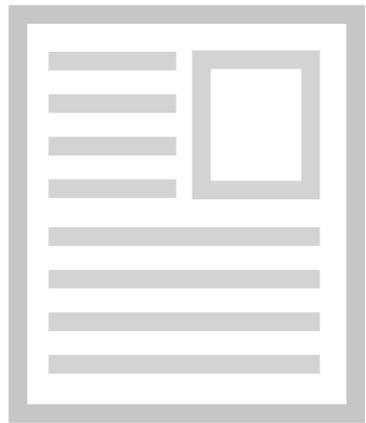
A Message From Batman
runtime: 02:59
by: [jamball](#)

Real Sushi
runtime: 00:39
by: [sR82](#)

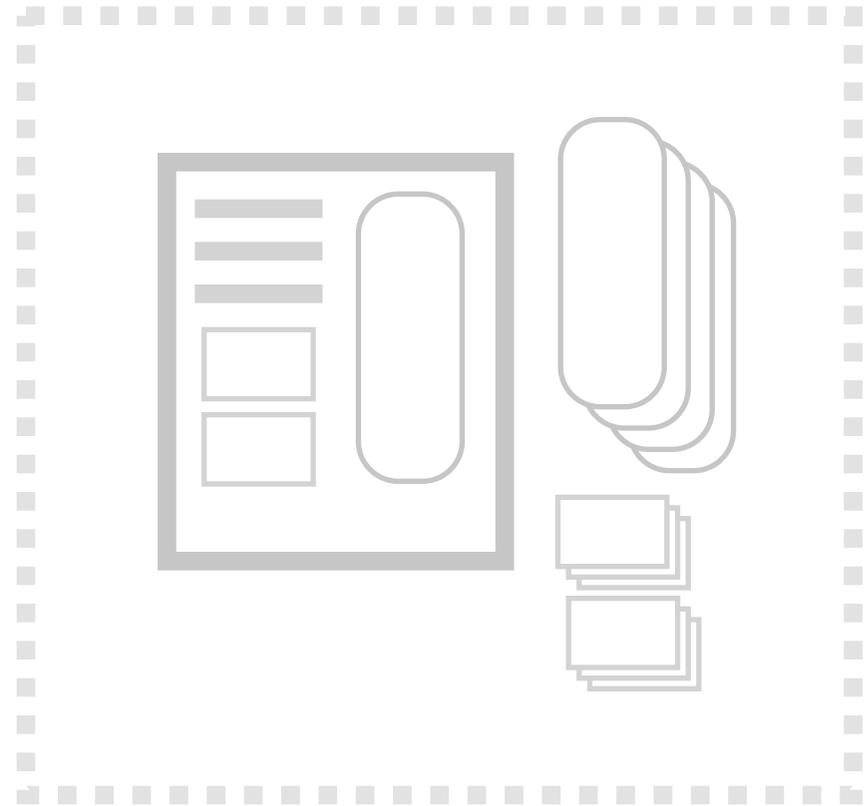
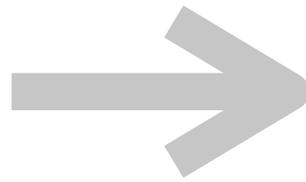
Keep it sane

"Cut in half" rule of thumb
Use a "contrast knob" approach
Don't overuse

- The more rapid the change the more important the event.
- Rapid movement is seen as more important than rapid color change.
- Movement toward the user is seen as more important than movement away from the user.
- Very slow change can be processed without disrupting the user's attention.
- Animation can be used to communicate where an object was and now is



page



objects



Think in objects

	Page-Based Web	Rich Internet App
Richer Model	Document	Rich Internet Object
Longer Lifecycle	Transient	Permanent
Community/ Sharing	Bookmark	Content, properties, and behaviors

Schedule View
Map View
Expand all

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+ Create Item

Yosemite National Park

📍
John Muir Vernal Falls Mist Trail Hike
» [Schedule](#) | [View](#) | [Delete](#)

+1 209 372 0200
 Happy Isle Shuttle Stop #16
 Yosemite National Park, CA 95389
 United States

This hike is also known as the Mist Trail because it passes right beside Vernal Falls, which in the spring blows a heavy mist everywhere. This 1.4 mile roundtrip hike is considered a moderate ...

Notes: [[Edit](#)]
Tags: [[Edit](#)]
Dates: [[Add](#)]



Scheduled Items

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

- 📍 **Yosemite Lodge**
- 📍 **Tunnel View**
- 📍 **Bridalveil Falls Day Hike**

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**Rich Internet Object.
Available. Selected.
Identifiable Object.**



Rethinking the model

What is the user's mental model?

How to distinguish from content?



Yosemite Thanksgiving [Edit]

A trip to YOSEMITE NATIONAL PARK
Fun in Yosemite with Daniel & Kids

This trip is public • [Sharing settings](#) • [Email this trip](#)

[Update photos]

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**

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]
yosemite, hiking



Rethinking the model

What is the user's mental model?
How to distinguish from content?

The power of sharing

Bloggable, shareable, findable
How to dial-in community
Collections

Microsoft Gadgets Gallery Blog Forums Build Macros Login

Gadget Gallery

This is the place where you can share your gadgets with everyone. Just zip up your source code, create a preview image, provide a description and upload!
Please read our [Upload Agreement](#) before uploading your gadgets.

Search Gadgets by Tag

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[Login](#) to upload a Gadget that you build.

Favorites
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Popular Tags
french competition, search, games, french_competition, game, Google, music, clock, maps, More...

Sort By
Views

Gadget Name	Rating	Views	Replies	Downloads
Live Clock v 2.1	★★★★★	60,157	62	3,647
Virtual Earth	★★★★★	38,074	13	0
Windows Live Favorites	★★★★★	33,375	56	124,406
NASA Image of the Day	★★★★★	32,193	7	326
Xbox Live GamerTag 2.0	★★★★★	31,622	42	670
ToDo List	★★★★★	28,667	21	144
Live Google Search v1.1	★★★★★	28,589	11	1,747
Windows Live Mail Mobile	★★★★★	27,511	4	298
WeatherBug Live Weather	★★★★★	23,938	38	851

Rethinking the model

What is the user's mental model?
How to distinguish from content?

Web 2.0 as a platform

Rich objects fit the SOA model
Creates a good separation of concerns
Mashups



The power of sharing

Bloggable, shareable, findable
How to dial-in community
Collections



See your friends on a mobile map. Anywhere. Outside or inside.



Questions?





Participate?

Have You Seen a Cool Example?

- **Tag It!**

- Use 'ypatternexample' tag in either delicious or Yahoo! My Web2
- Use additional tags to identify the pattern name you think it belongs to
- Write a comment about what is interesting about the example or how to see the interaction