

RIA Patterns

Best Practices for Common Patterns of Rich Interaction

Bill Scott
Yahoo! Ajax Evangelist
b.scott@yahoo.com

Origin of Patterns

A Pattern Language, Alexander, 1977

Dissatisfied with sterile, impersonal design

Defined it as

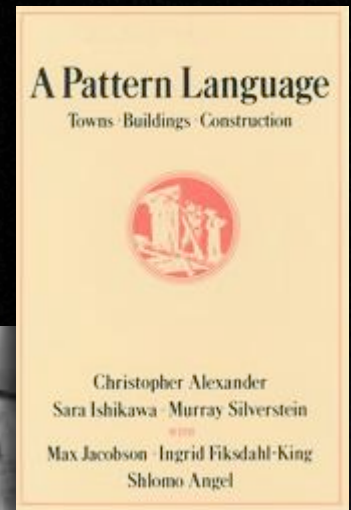
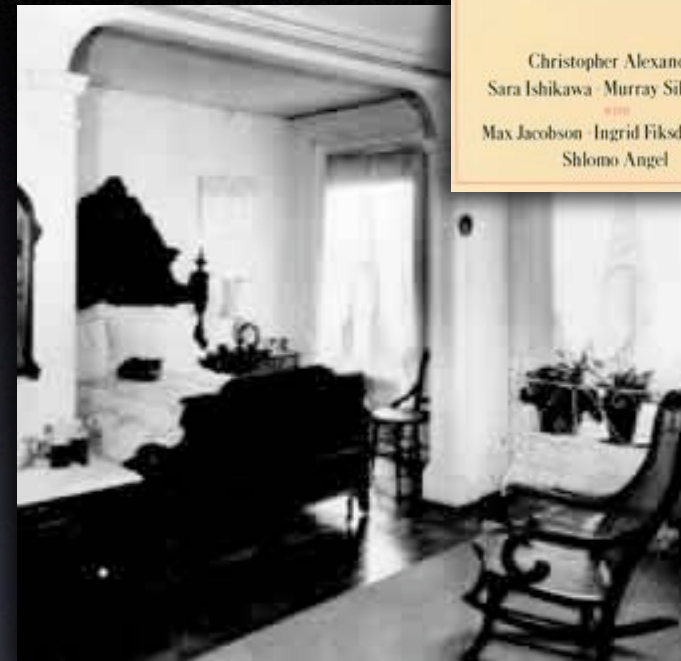
Solution to a problem in context

Captured

*Situation, competing constraints,
canonical solution*

Examples

Couples Realm, House for a Couple, Sitting Circle, Marriage Bed



Origin of Patterns

Applied to software design,
Gang of four, 1995

1996, Alexander raises the
challenge higher

User experience patterns

1997, Tidwell's Common Ground

Welie's pattern site

Design of Sites book

2005, Tidwell, Designing Interfaces



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

- NAVIGATE
 - Breadcrumbs
 - Faceted Navigation
 - Fly-out Menus
 - Horizontal Bar
 - Hub and Spoke
 - Left Navigation
- 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 with the design and development patterns that we hope to be a monthly release. We have bundled the patterns with the [Code Library](#). We hope this is helpful.

What's a Pattern?

A pattern describes an optimal solution to a common problem.

Recent Patterns

To:	Cc:
YJ	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](#)

[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.

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
 - Faceted Navigation
 - Fly-out Menus
 - Horizontal Bar
 - Hub and Spoke
 - Left Navigation
- Module Tabs
- Navigation Tabs

EXPLORE DATA

- Auto Complete
- Calendar Picker

Pagination

- Item Pagination
- Search Pagination

ORGANIZE DATA

GIVE FEEDBACK

Ratings and Reviews

Problem Summary

User wants to leave an opinion or quick opinions can be captured through Reviews.

Solution Patterns

[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.

EXAMPLE:

Restaurant

(12345) [Read 7 reviews](#)

Alma St
Menlo Park, CA 94025

Cross Street:
Between Alma Ln and Ravenswood Ave

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

Average
[Write a Review](#)

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.

Review Title - e.g. We can't

Write your review - Your II

Review

Average Rating (24)
[Read 20 reviews](#)

Good

[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.

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

(12345) [Read 7 reviews](#)

Alma St
Menlo Park, CA 94025

Cross Street:
Between Alma Ln and Ravenswood Ave

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

Average
[Write a Review](#)

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](#)



This work is licensed under a [Creative Commons Attribution 2.5 License](#).

ria patterns

invitation. cursor invitation. hover invitation. tooltip invitation. page invitation. drop invitation. available. selected. auto complete. live suggest. refining search. dynamic filtering. live search. on-demand scrolling. deferred content loading. fresh content. on-demand content. periodic refresh. resizable modules. scrolling modules. hover detail. narrowing actions. narrowing choices. auto form fill. in-place drill down. dependent choices. look before you leap. drag and drop. drag and drop modules. drag and drop objects. persistent portals. in page edit. inline text edit. inline custom edit. direct state edit. rating an object. inline custom edit. inline tag edit. popup custom edit. grid cell edit. slide out custom edit. module configure. module flip configure. module inline configure. module slide out configure. module faceplate. expandable content. in-context tools. in-context links. in-context hover menu. silent submit. remembered collection. auto save. remembered preferences. hover spy. inline assistant. inline validation. validate then suggest. indicator. busy indicator. progress indicator. inline status. in-context busy. cursor busy. opacity fade. high contrast. balloon error tip. dynamic goal. opacity focus. detail zoom. lightbox. transition. brighten. cross-fade. dim. expand. fade-in. fade-out. flip. move. self-heal. collapse. slide. animate.

Anatomy of an RIA Pattern

- Interaction
event, timer, invitation
- Operation
lookup, action, validate, message
- Presentation
update to the interface



interaction.

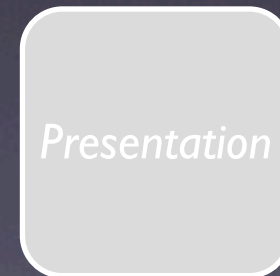
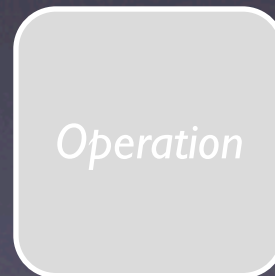
- Every pattern starts with an interaction

User event (event)

System event (timer)

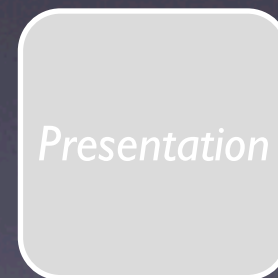
mouseout hover keypress keydown mousedown
drop filter choices mouseup drag click mousedown select
focus blur resize move timeout **select**

- Some patterns are about **inviting** interaction



operation.

- Lookup. I can get information when I need it.
- Action. I can take action in context.
- Validate. I can prevent errors early.
- 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.

Interaction

*Lookup
Operation*

Presentation

operation. action.

- I can take action in context

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.

Interaction

*Action
Operation*

Presentation

operation. validate.

- I can prevent errors early

inline validate. validate then suggest. balloon error
tip. character counter. live preview.

Interaction

*Validate
Operation*

Presentation

Anatomy of an RIA Pattern

- Interaction

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.. Available. Selected. Slide-out. Popup Balloon.



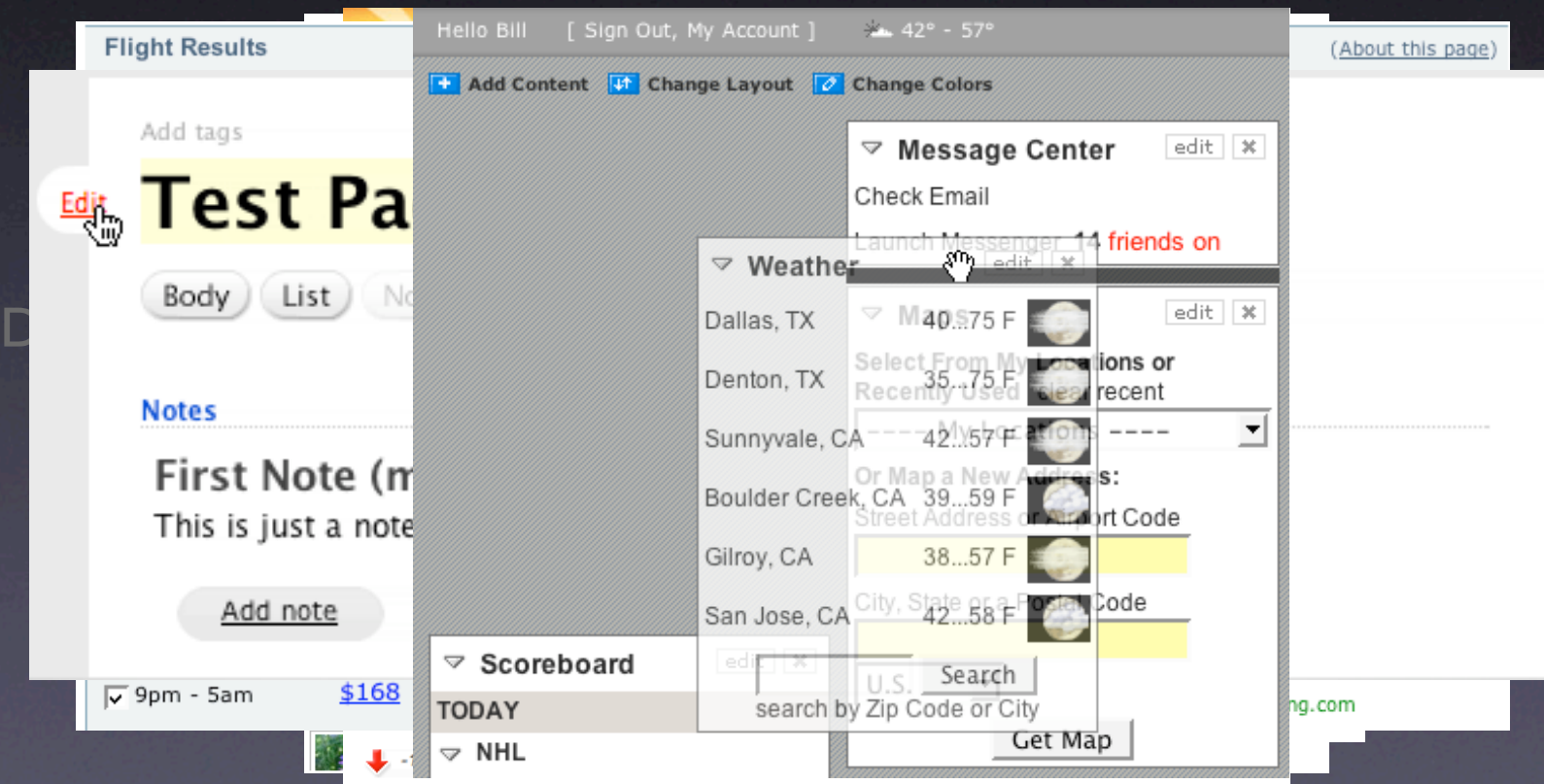
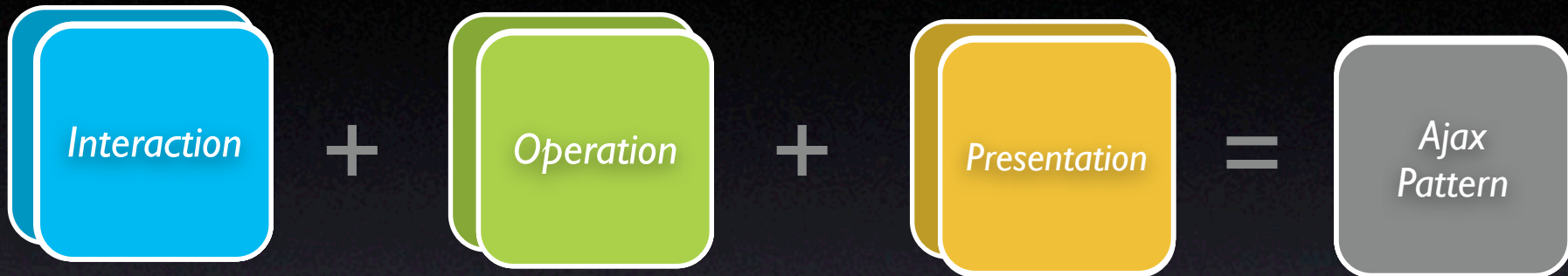
Interaction

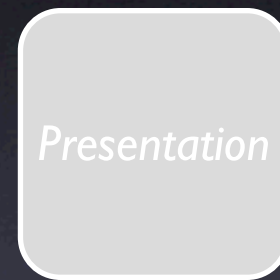
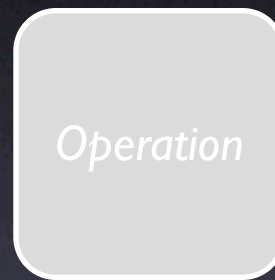
Operation

Presentation

Anatomy of an RIA Pattern

- Interaction





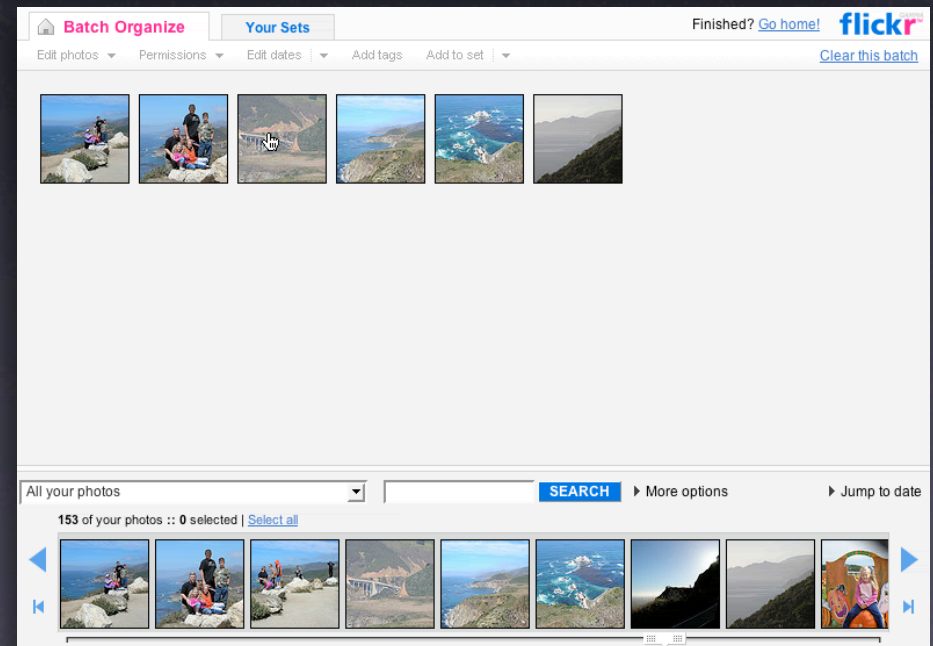
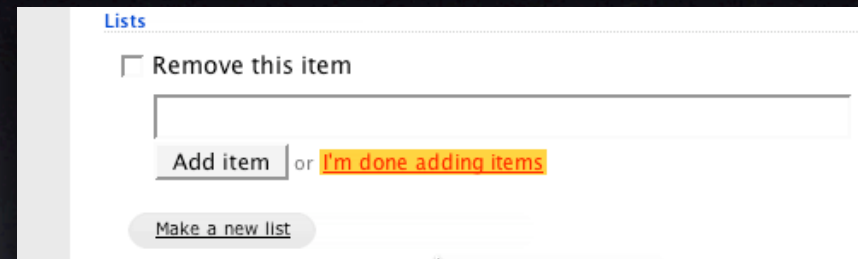
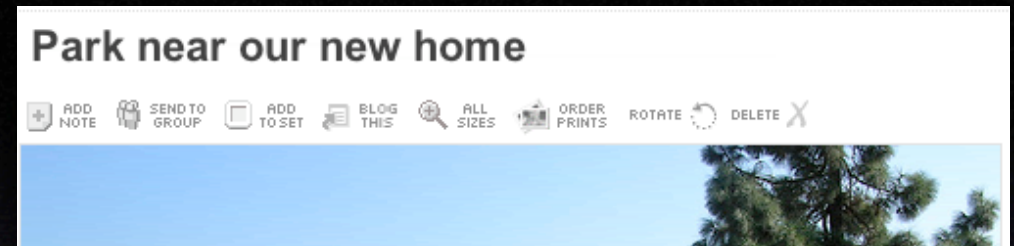
patterns. invitation.

- Problem

- The designer needs to cue the user that an interactive feature exists.

- Use When

- You want to invite the user to click or interact with the object being hovered over.
- You want to make it clear that something will happen when the user clicks on the object being hovered over.
- You want to entice the user to interact with the feature.



patterns. invitation.

invitation. cursor invitation. hover
invitation. tooltip invitation. page invitation.
drop invitation.

pattern. hover + cursor + page + tooltip + drop invitation

Potential Pitfalls


- . discoverability

Best Practices

- . use hover to reveal interaction
- . use the familiar to teach the new
- . use tours sparingly
- . make invitation engaging, but think of how it will interact with rest of page

My Grade:

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



State park near our home in San Jose

Click to edit

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

Photos are from 22 Oct 05.

1 Search Smarter... 2 Find it Faster... 3 Get Personal. Next » Close X

Switch to old page Yahoo! Tech: TV tune-up makeover. Sponsored by Verizon Wireless.

YAHOO!

Web | Images | Video | Audio | Directory | Local | News | Shopping

Search: Web Search

My Yahoo! My Mail

Autos Finance Games GeoCities Groups Horoscopes HotJobs Kids Maps Music Personals Photos Real Estate Shopping Sports

Search smarter

Find things faster and easier with handy tabs to narrow your search

- Search the Web on any topic
- Click a tab to focus your search on Images, Video, Local and more
- Try Yahoo! Answers: A new place to get real answers from real people

Next »

Hi, b.scott Sign Out

Mail Messenger Radio

Weather 59° - 88° Local Movies

PEPSI COOL TONES AND MOTOROLA PHONES

Pepsi Cool Tones

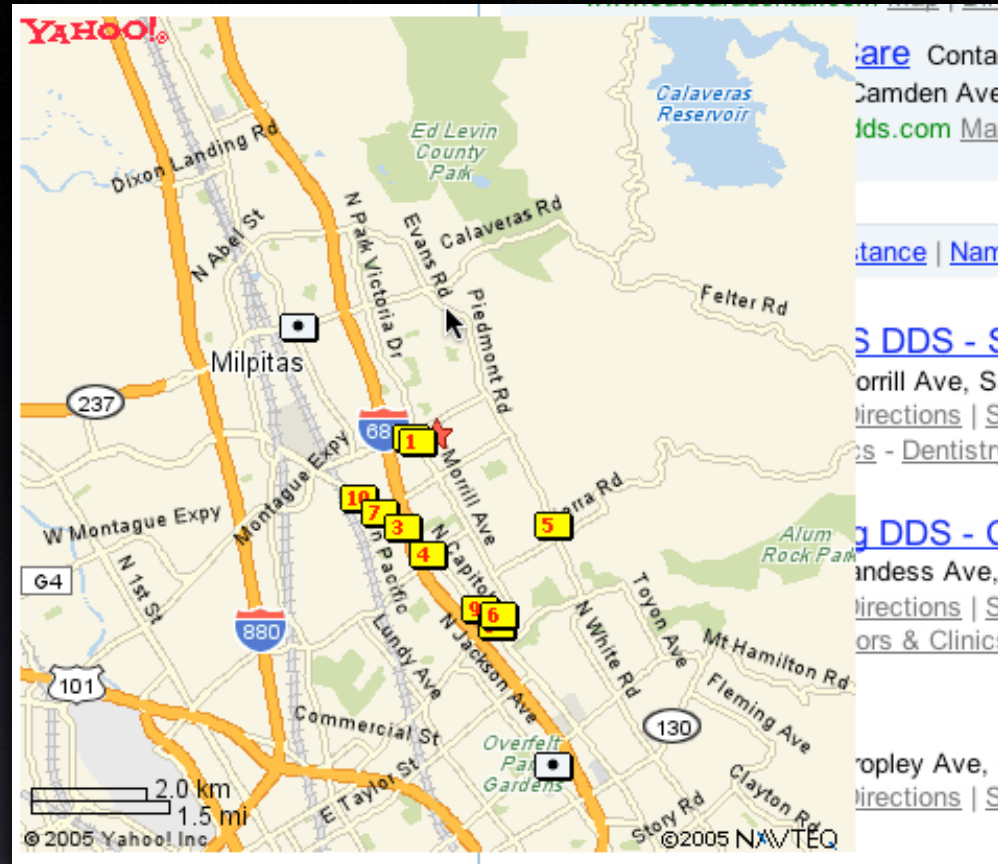
pattern. hover + cursor + page + tooltip + drop invitation

Potential Pitfalls

- . discoverability

Best Practices

- . use hover to reveal interaction
- . use the familiar to teach the new
- . use tours sparingly
- . make invitation engaging, but think of how it will interact with rest of page
- . keep actions out of hover
- . don't proselytize
- . reveal invitation instantly
- . don't create page jitter



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.

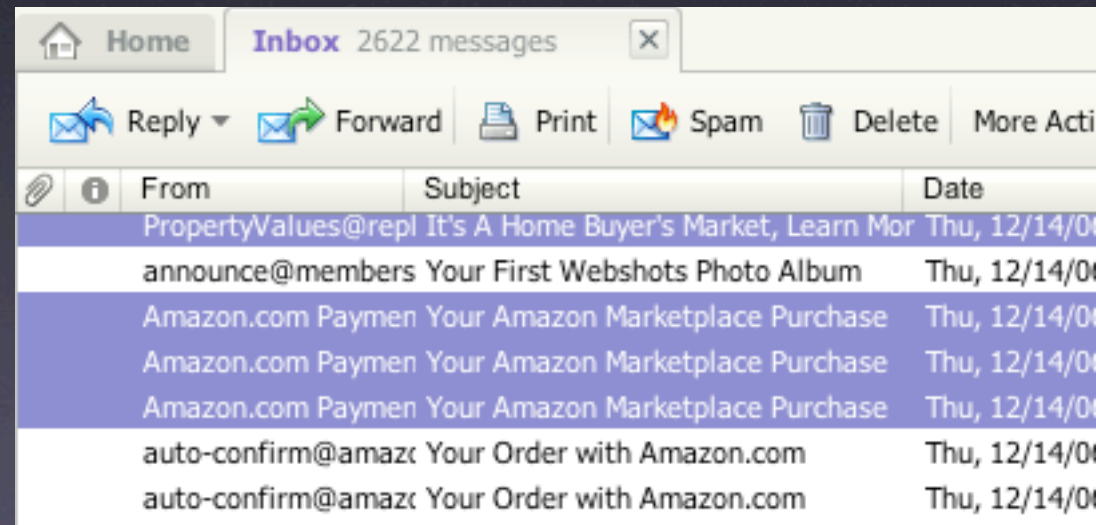
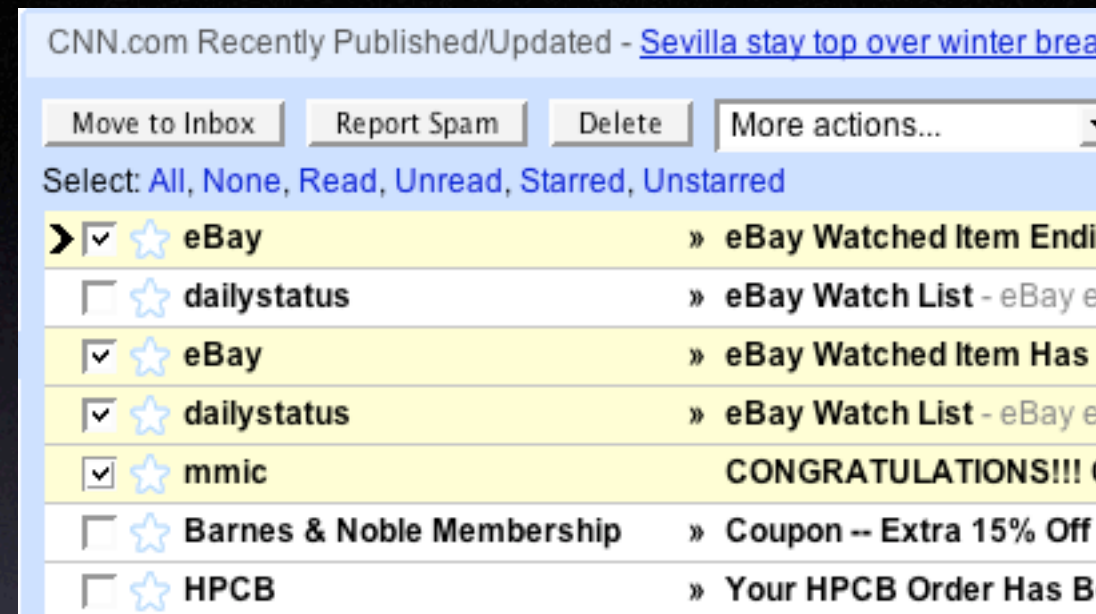
patterns. selection.

- Problem

- The user needs to choose objects to operate on.

- Use When

- You to provide a way to mark an object or objects as actionable.



patterns. selection.

item selection. object selection.

pattern. item selection.

Use When

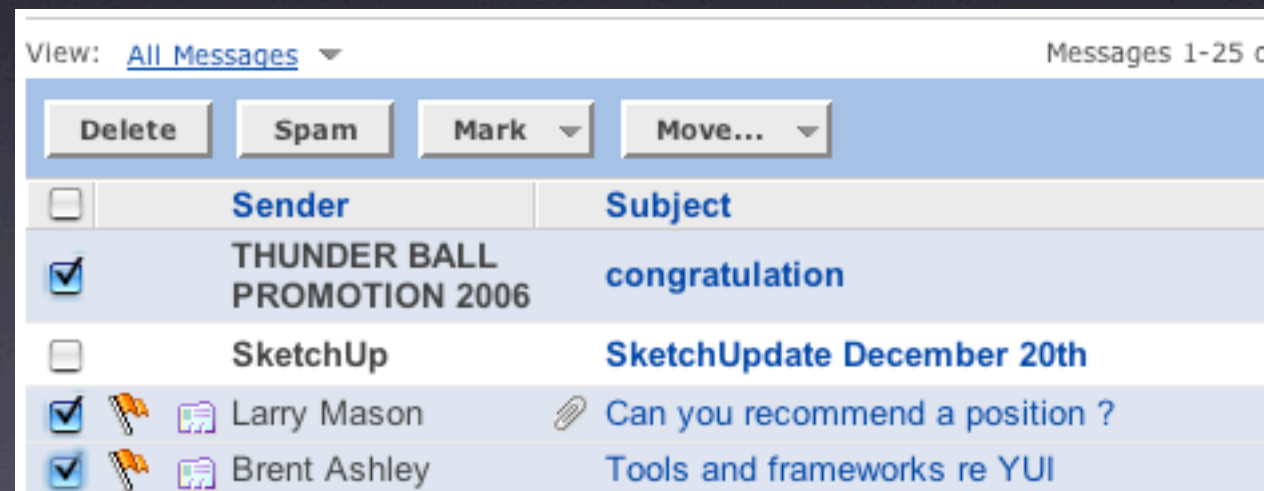
- . within a paging context
- . need a simple way to provide discontinuous selection

Potential Pitfalls

- . confusion between checkbox and clicking in row
- . mixing with drag and drop
- . handling actions on no selection

Best Practices

- . use only within context of paging; not for scrolled content
- . combine with a row of buttons or toolbar that operates on the selected items
- . use light shading to re-enforce selected state
- . avoid using with drag and drop



pattern. item selection.

Use When

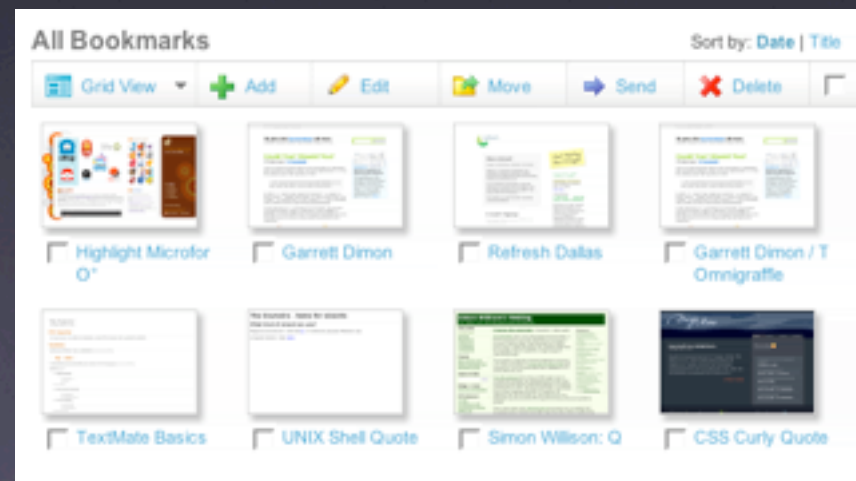
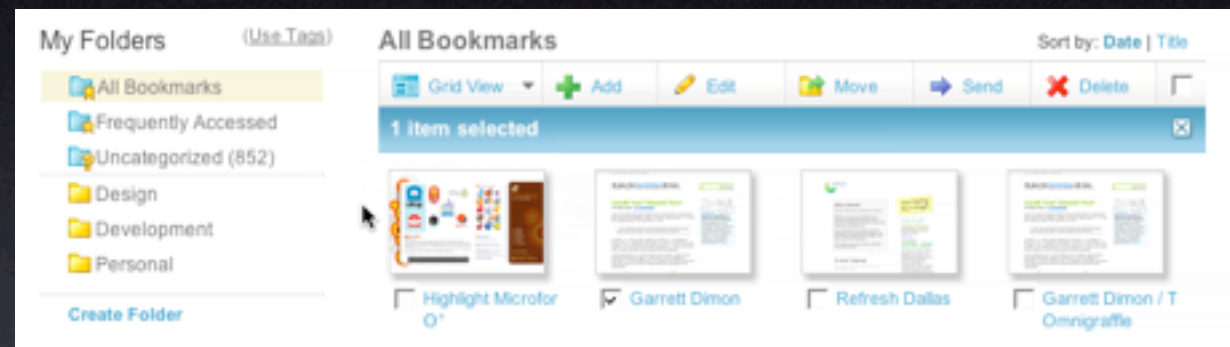
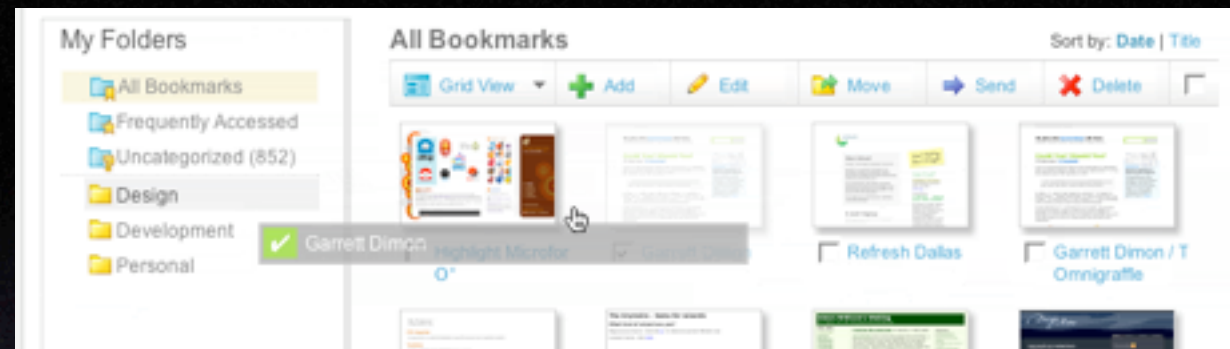
- . inside a paging context
- . need a simple way to provide discontinuous selection

Potential Pitfalls

- . confusion between checkbox and clicking in row
- . mixing with drag and drop
- . handling actions on no selection

Best Practices

- . use only within context of paging; not for scrolled content
- . combine with a row of buttons or toolbar that operates on the selected items
- . use light shading to re-enforce selected state
- . avoid using with drag and drop
at the least avoid allowing drag of non-selected objects
- . display prominently the number of items selected



pattern. object selection.

Home	Inbox	2622 messages				
Reply	Forward	Print	Spam	Delete	More Actions	View
From	Subject	Date	Size			
PropertyValues@repl	It's A Home Buyer's Market, Learn Mor	Thu, 12/14/06 4:21 AM	14KB	•	•	
announce@members	Your First Webshots Photo Album	Thu, 12/14/06 3:45 AM	6KB	•	•	
Amazon.com Paymen	Your Amazon Marketplace Purchase	Thu, 12/14/06 1:04 AM	6KB	•	•	
Amazon.com Paymen	Your Amazon Marketplace Purchase	Thu, 12/14/06 1:04 AM	6KB	•	•	
Amazon.com Paymen	Your Amazon Marketplace Purchase	Thu, 12/14/06 1:03 AM	6KB	•	•	
auto-confirm@amaz	Your Order with Amazon.com	Thu, 12/14/06 12:50 AM	16KB	•	•	
auto-confirm@amaz	Your Order with Amazon.com	Thu, 12/14/06 12:38 AM	26KB	•	•	

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 View: Name

Photos: 1-8 of 8 | Select

Sunset

Underneath

View from the Top

Eiffel Pulley

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 View: Name

Photos: 1-8 of 8 | Select

Sunset

Below the tower

Above

Eiffel Pulley

Use When

- . in a scrolled table
- . selecting objects

Potential Pitfalls

- . complexity of contiguous vs. discontinuous
- . using CTRL for discontinuous will not work on Macintosh

Best Practices

- . allow multiple selection
- . allow discontinuous selection

pattern. auto complete.

- Problem

- 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.

- Use When

- The suggestions can be pulled from a manageable set of data.
- The input item can be entered in multiple ways.
- The input item can be matched with a specific data item in the system.
- Speed and accuracy of entry is an important goal.
- The total number of items would be too large or inconvenient for displaying in a standard drop down box.

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

pattern. auto complete + live suggest.

Potential Pitfalls

- . displaying completions too soon
- . displaying completions too often

Best Practices

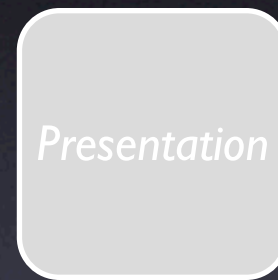
- . don't require the user to arrow or mouse to the selected item
- . tab should select the best match
- . delay popup until user
slows typing
enters a known delimiter
- . if possible show character match with bold type
- . if too many matches, then show truncated list of best matches

This screenshot shows the top portion of an email client interface. It includes three input fields: 'To:', 'Cc:', and 'Subject:'. To the right of the 'To:' field is a 'Show BCC' link. To the right of the 'Subject:' field is a 'Plain Text' link. Below these fields is a rich text toolbar with various icons for text formatting (bold, italic, underline), font color, background color, bulleted and numbered lists, and indentation. The font is set to 'Times New Roman' and the size is '12'.

This screenshot shows the Google search homepage. At the top is the 'Google Suggest BETA' logo. Below it are navigation links for 'Web', 'Images', 'Groups', 'News', 'Froogle', 'Local', and 'more »'. A search bar is present with two buttons: 'Google Search' and 'I'm Feeling Lucky'. Below the search bar, a line of text reads: 'pe, Google will offer suggestions. Use the arrow keys to navigate the results. L'. At the bottom are links for 'Feedback - Discuss - Terms of Use - FAQ' and a copyright notice '©2006 Google'.

This screenshot shows the KAYAK travel search interface. At the top is the KAYAK logo and the tagline 'Search with us, book with them.™'. Below this are links for 'Flights', 'Hotels', 'Cars', 'Deals', and 'Best Fare Buzz'. The 'Flights' section is active, showing options for 'Round-trip', 'One-way', and 'Multi-city'. The 'From' and 'To' fields are empty. There are checkboxes for 'Show Nearby Airports'. The 'Leave' and 'Return' date fields are set to '2/15/2006' and '2/22/2006' respectively, with 'Anytime' selected for the time. The 'Travelers' field is set to '1' and the 'Cabin' field is set to 'Economy'. There is a checkbox for 'Prefer Nonstop'. At the bottom is a button 'Search multiple sites' and a link 'for hundreds of airlines.'.

This screenshot shows a form titled 'Ask Your Question'. It has two main sections. The first section is '1. Enter your question' with a text input field and a character count 'You have 110 characters to work with. Add details below.'. The second section is '2. Add details (optional)' with a larger text input field and a character count 'You have 1000 characters to work with.'. The form includes instructions and a link to 'community guidelines'.



patterns. lookup content.

live search. refining search. on-demand
scrolling. deferred content loading. periodic
refresh. on-demand refresh. hover detail.

pattern. live search.

Use When

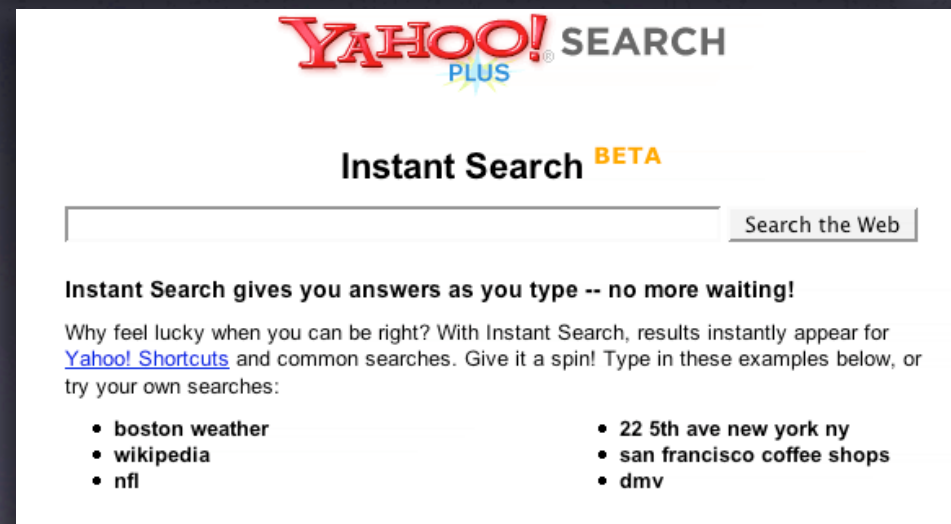
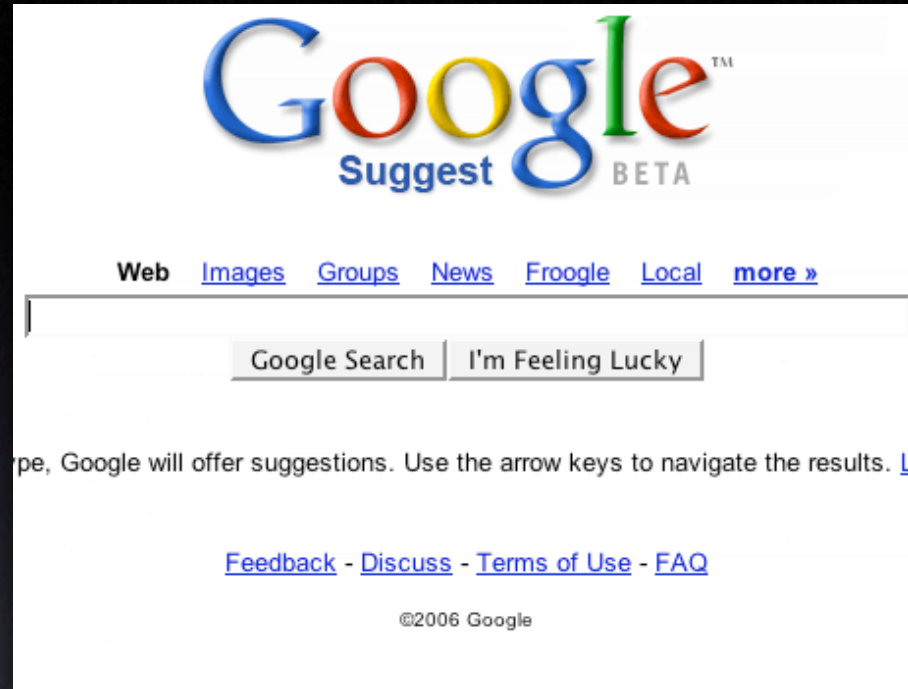
- . user needs to search for content and are uncertain on the correct keywords.

Potential Pitfalls

- . if results are returned too quick, will be distracting
- . if results are not returned quick enough, it will feel sluggish

Best Practices

- . start returning results when the user “slows down” typing
- . show results below text entry field for feedback



pattern. live search.

Use When

- . user needs to search for content and are uncertain on the correct keywords.

Potential Pitfalls

- . if results are returned too quick, will be distracting
- . if results are not returned quick enough, it will feel sluggish

Best Practices

- . start returning results when the user “slows down” typing
- . show results below text entry field for feedback

The top screenshot shows the Jaldi Search India interface. It features a search bar with a magnifying glass icon and a 'Search' button. Below the search bar, there are links for 'Web pages', 'Auctions', 'Books', 'Music', 'Electronics', 'E-products', and 'News'. The text 'Ajax - search results' is displayed below the search bar.

The bottom screenshot shows the alltheweb search engine interface. It features a search bar with a magnifying glass icon and a 'Search' button. Below the search bar, there are links for 'monterrey', '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 text 'Refine Search' is displayed below the search bar. The search results for 'monterrey' are shown, including 'Save on Monterrey Hotels at Expedia.com', 'Monterrey Vacations with Travelocity', 'News Results for monterrey', 'All About Monterrey', and 'Monterrey - Wikipedia, the free encyclopedia'.

pattern.refining search.

YAHOO! FARECHASE BETA Welcome, billwaynescott [Sign Out, My Account] FareChase Home

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

Flights Hotels

Change Your Search

Refine Results:

Flight Times from

DEPARTURE

☐ 5am - 9am \$187

☐ 9am - 3pm \$166

☐ 3pm - 9pm \$166

☒ 9pm - 5am \$192

RETURN

☒ 5am - 9am \$196

☒ 9am - 3pm \$194

☒ 3pm - 9pm \$192

☒ 9pm - 5am (n/a)

Airports

☒ Oakland - OAK

☒ San Francisco - SFO

☒ 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 per person Ted (flight details)

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 per person Multiple Carriers (flight details)

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 + for Las Vegas

Save with add-on hotel to your flight Vegas and save

www.cheaptickets.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

KAYAK™ Flights | Hotels | Cars | Deals | Buzz

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

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

☒ Alaska Airlines \$285

☒ America West \$198 \$212

☒ American Airlines \$189 \$194

☒ JetBlue Airways \$192

☒ Multiple Airlines \$198

☒ US Airways \$198 \$212

☒ 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: AA.com	details	email this	
\$192	OAK > LAS LAS > OAK	JetBlue Airways	11:40a 1:55p	5:10p 5:15p	1 (5h 30m) 1 (3h 20m)
		buy direct at: jetblue.com	details	email this	
\$192	OAK > LAS LAS > OAK	JetBlue Airways	11:40a 1:55p	5:10p 7:10p	1 (5h 30m) 1 (5h 15m)
		buy direct at: jetblue.com	details	email this	
\$192	OAK > LAS LAS > OAK	JetBlue Airways	11:40a 5:50p	5:10p 9:45p	1 (5h 30m) 1 (3h 55m)
		buy direct at: jetblue.com	details	email this	
\$192	OAK > LAS LAS > OAK	JetBlue Airways	1:55p 1:55p	5:10p 5:15p	1 (3h 15m) 1 (3h 20m)
		buy direct at: jetblue.com	details	email this	
\$192	OAK > LAS LAS > OAK	JetBlue Airways	1:55p 1:55p	5:10p 7:10p	1 (3h 15m) 1 (5h 15m)
		buy direct at: jetblue.com	details	email this	

Use When

- . user needs to refine a search
- . for merchandise search

Potential Pitfalls

- . sluggish performance

Best Practices

- . place refining criteria to left of results
- . use checkboxes for toggling filters
- . use sliders for value ranges
- . generally avoid sliders for single values (can combine slider & input)
- . provide a "show all" to undo refinement
- . try to keep criteria above the fold

Refine Results

Price Up to: \$1375

Narrow By Brand:

☒ Canon

☒ Sony

☒ Nikon

☐ Olympus

☐ Kodak

☐ Fujifilm

☐ Casio

☐ Panasonic

☐ HP

☐ Minolta

141 Products Found

Sort by: Top Results | Highest Price | Lowest Price

COMPARE PRODUCTS

Sony Cyber-Shot DSC-H1 Digital Camera

★★★★★ 153 USER RATINGS

Megapixels: 5.1 Megapixels

LCD Screen Size: 2.5 in

Optical Zoom: 12 X

Save for Later \$284.99 - \$499.00 in 26 stores

COMPARE PRICES

Canon PowerShot S2 IS Digital Camera

★★★★★ 125 USER RATINGS

Megapixels: 5 Megapixels

LCD Screen Size: 1.8 in

Optical Zoom: 12 X

Save for Later \$311.00 - \$484.99 in 42 stores

COMPARE PRICES

pattern. on-demand scrolling.

Use When








- . chunking data would affect user flow
- . user feels “ownership” of data
- . content is data; not search results
- . data content will be sorted, filtered, etc.
- . selection model is continuous

Potential Pitfalls

- . dual-scrollbar issue
- . sluggish performance
- . extremely large data sets

Best Practices

- . provide dynamic tooltip showing location within scroll
- . animate scroll
- . if desire a hybrid, use animation on paging.






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 Single					
	\$2,286 Single					
	\$2,750 Single					
	\$2,777 Single					

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

New Search

Page: 1 2 3 4



Getting it off his chest

Zinedine Zidane apologizes for using his head, but says he couldn't stomach slurs toward family. » [Story](#)

- All the rage on the Web
- A denial
- Final highlights, including head-butt

[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?](#)

pattern. deferred content loading.

The screenshot shows a search results page for the query 'president bush'. The interface includes a green navigation bar with links for Search, Tags, Blog Finder, Popular, and About. Below the navigation bar is a search input field containing 'president bush', a dropdown menu set to 'All Blogs', and a 'Search' button. To the right of the search bar is an 'Options' link. Below the search bar, it indicates '882,052 posts about:' followed by an 'Add to Watchlist' button. The main heading is 'president bush' with a link to 'Search related blogs'. Below this, there are 'Related tags: Politics, Hurricane Katrina, Iraq, Katrina, Hurricane, Supreme Court.' A section titled 'Recent Posts tagged president bush' includes a 'View Tag »' link. Below that, a section titled 'Top Blogs about president bush' includes a 'View Blogs »' link. A summary box shows '20 posts in the last 44 minutes in All Languages'. Two blog posts are visible: 'Weapons-grade Bullshit' by 'protein wisdom' with 1,004 links, and 'The Shocking Case of Ahmed Omar Abu Ali' by 'Cassel: Civil Liberties Watch' with 0 links. To the right of the posts, there are two 'Loading' indicators with circular arrows.

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 »

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

Loading

Loading

Use When

- . some peripheral content might be slow to load

Potential Pitfalls

- . loading indicator can be distracting

Best Practices

- . only apply sparingly to improve performance on main pages
- . use for external content

pattern. periodic refresh.

Use When

- . content is based on live information
- . for enticing users to click-through

Potential Pitfalls

- . can be distracting if not primary

Best Practices

- . if secondary to page, then make refreshes less frequent and simple
- . if primary to page, then make refreshes more frequent & visible

Explore blogs






BLOGS [Conclusion of Variety](#)

UPDATED AT [Soar Valley Life](#)

9:37 AM [Punctuated Glimpses](#)

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

pattern. hover detail.

Use When

- . need to show detail in context

Potential Pitfalls

- . popup too quick
- . popup too slow, seem sluggish

Best Practices

- . show detail after 0.25 second delay
- . dismiss immediately on mouse out or click

Bill, the following movies were chosen based on your interest in:

- [Animal Crackers](#)
- [Something the Lord](#)
- [X2: X-Men United](#)

Monkey Business (1931)

One of the Marx Brothers' funniest movies, the title of the film says it all as Groucho, Harpo, Chico and Zeppo stow away on a luxury liner. Before long, all hell breaks loose, with more sight gags and one-liners on display than entrees at a midnight buffet. Look fast for their father, "Frenchy," wearing two-tone shoes and seated atop some luggage as the boys disembark.

Starring: Groucho Marx, Harpo Marx
Director: Norman Z. McLeod
Genre: Classics
MPAA: UR

★ Recommended based on 8 ratings

[Add](#)

Chico and Zeppo stow away on a luxury liner. Before

[Rate Your](#)

Top Stories



Reuters | AFP | USATODAY.com | CSMonitor.com | NPR | My Sources

- [W.Va. Gov. Seeks Halt in Coal Production](#) AP - 43 minutes ago
- [Insurgents Thwarting Iraq Reconstruction](#) AP - 48 minutes ago
- [House Clears Budget-Cut Bill for Bush](#) AP - 50 minutes ago
- [Police Apologize, Drop Charge Vs. Sheehan](#) AP - 50 minutes ago
- ['Commander in Chief' Takes Six-Week Break](#) AP - 53 minutes ago

» [All Top Stories from AP](#)

MORE TOP NEWS: [U.S. News & World Report](#) - [Photos and Slideshows](#)

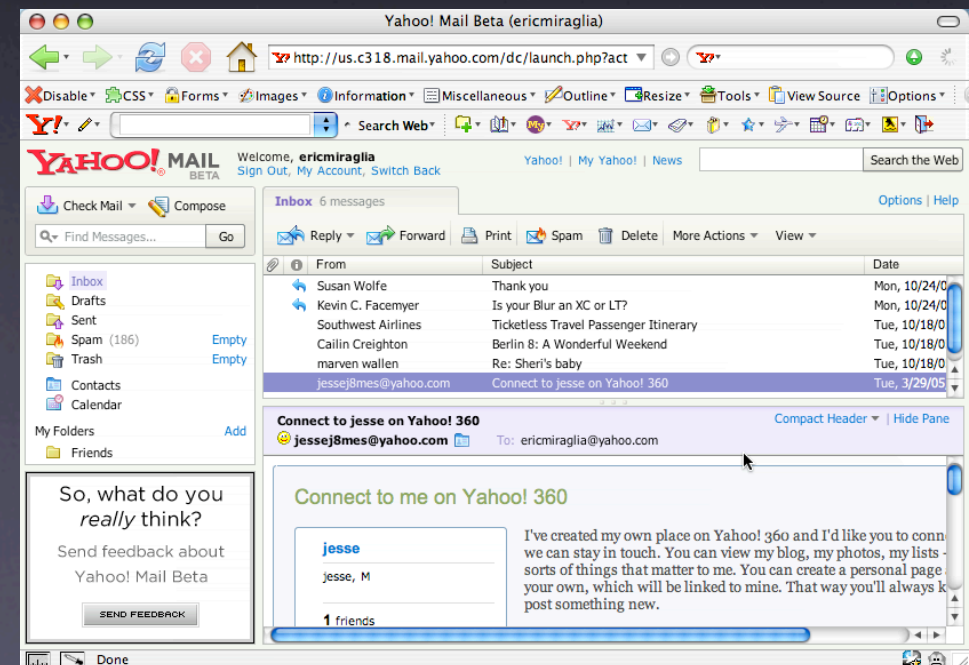
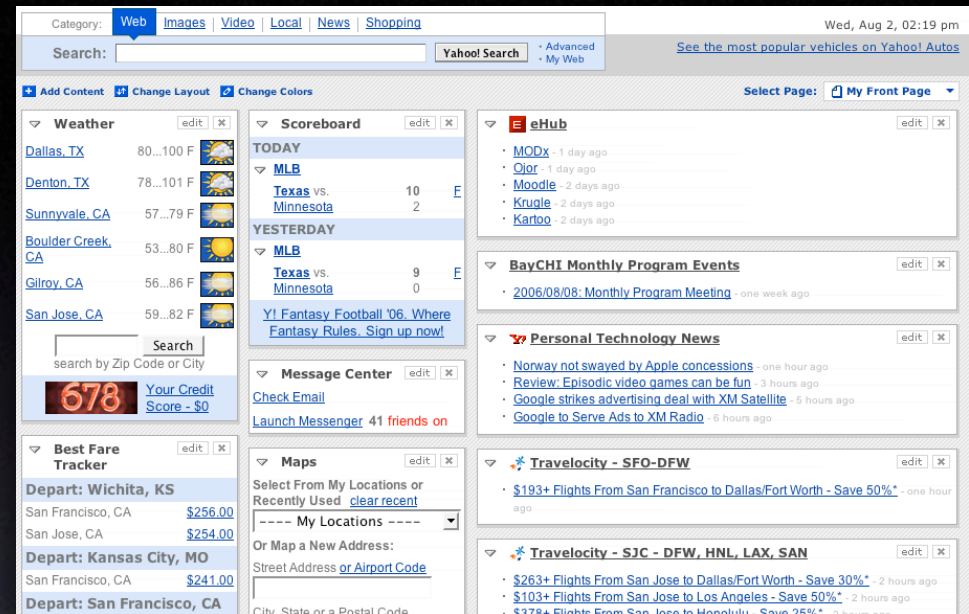
patterns. dragdrop.

- Problem

- The user needs a way to perform operations on one or more objects by being able to move objects from one place to another directly with the mouse.

- Use When

- You want to avoid forcing the user to go to another page in order to re-arrange objects.
- For re-arranging content modules, re-ordering lists, changing containment.



patterns. dragdrop.

drag and drop.
drag and drop modules.
drag and drop objects.

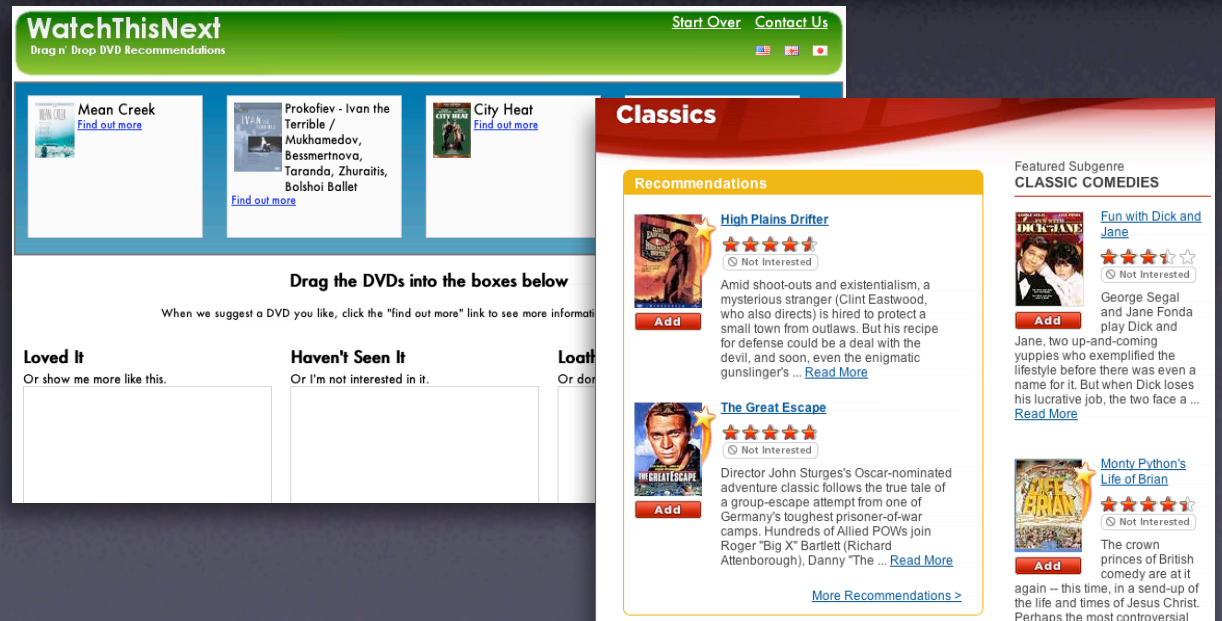
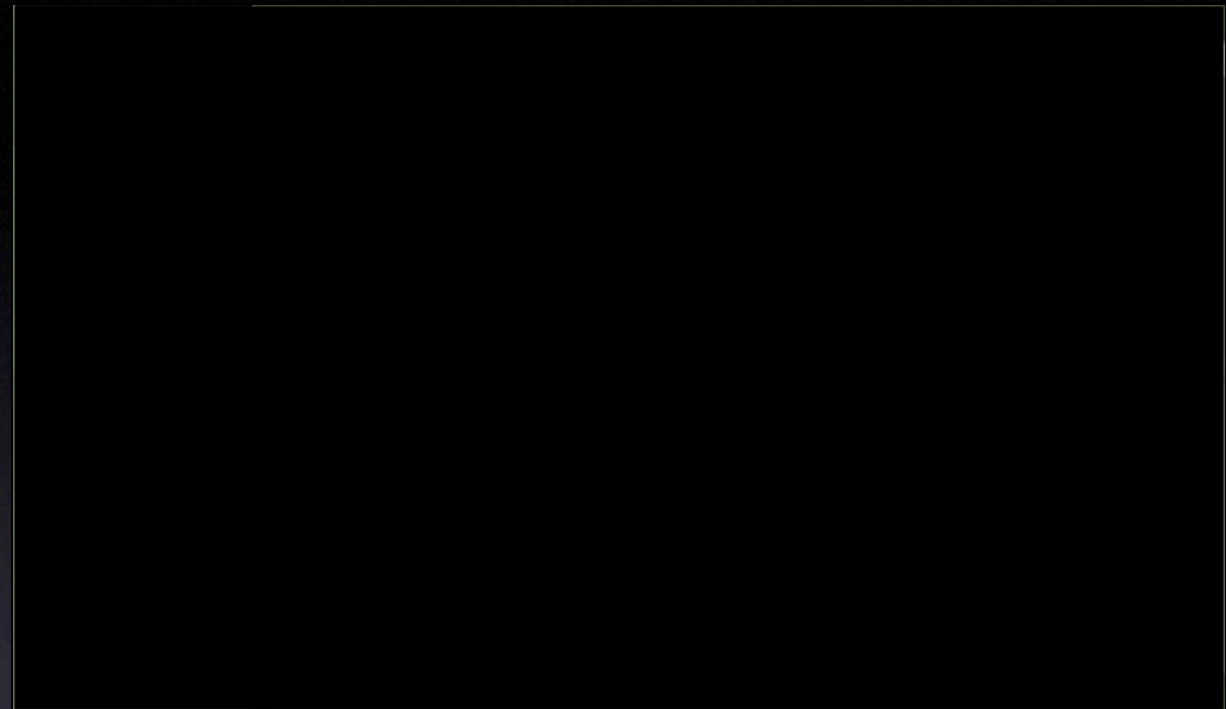
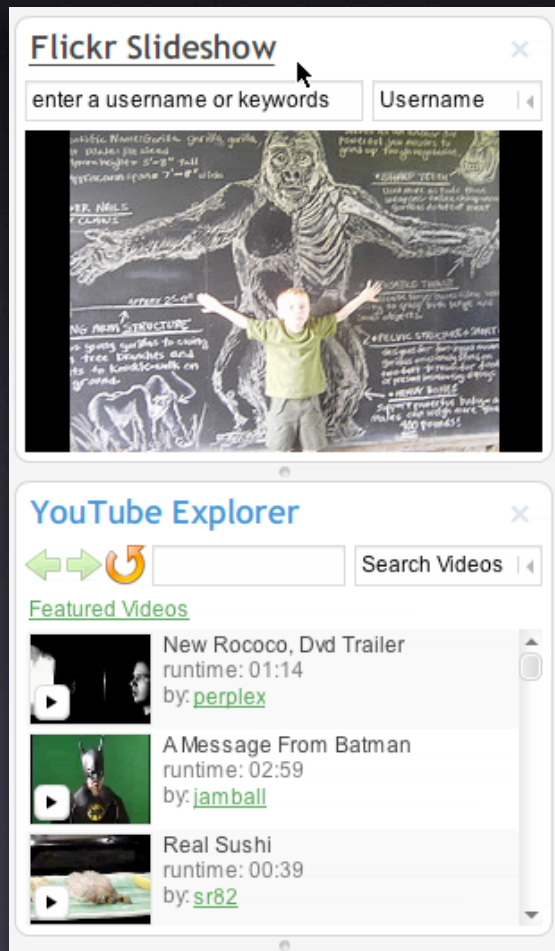
pattern. drag and drop.

Use When

- . you want to manipulate a natural visual model of objects

Potential Pitfalls

- . starting with drag & drop
- . using it to set a single attribute
- . constructing artificial visual constructs




pattern. drag and drop.

Use When

- . you want to manipulate a natural visual model of objects

Potential Pitfalls

- . starting with drag & drop
- . using it to set a single attribute
- . constructing artificial visual constructs
- . using it for removal
- . confusing drag ghost with drag object
- . user's don't get it



9. The Last Detail
10. Six Feet Under: Season 1: Disc 4

Recently Added

27. Unforgiven
[View All 28 Movies](#)

Helpful Tip
Drag & Drop to Change Order

Your Queue

1. Gangs of New York
2. Sunset Boulevard
3. Henry Rollins: Live at 4. 51*

Netfix.com


Prioritization Tip: 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.

Basecamphq.com

Drag photos here to edit them as a batch.
You can then change any photo attributes or create a new set.

All your photos **SEARCH** ▶ More options ▶ Jump to date

153 of your photos :: 0 selected | [Select all](#)



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.

pattern. drag and drop.

Use When

- . you want to manipulate a natural visual model of objects

Potential Pitfalls

- . starting with drag & drop
- . using it to set a single attribute
- . constructing artificial visual constructs
- . using it for removal
- . confusing drag ghost with drag object
- . user's don't get it
- . creating page jitter

Gmail [edit](#)

[Inbox](#) [Hide preview](#)

me - file:///Users/bill/Desktop/AM%20E> Jul 28
me, Joshua Scott (3) - Apple Computers - Jul 26
Daniel Bodnar, Ginni (2) - Fwd: Fw: Watch Jul 26
me, Richard Cowin (2) - Demo of Livegrid 1 Jul 26
me - mspace article - http://www.msnbc.i Jul 26

Stock Market [edit](#)

TSG	19.33	-0.06 (-0.31%)
DJIA	10610.10	-87.49 (-0.82%)
NASDAQ	2191.32	-25.49 (-1.15%)
NYSE	7515.18	-51.36 (-0.68%)
S&P 500	1235.86	-9.18 (-0.74%)

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

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 Dogs](#) 1hr 30min - Rated PG-13
★★★★☆ 29 reviews

[Stealth](#) 2hr 1min - Rated PG-13
★★★★☆ 25 reviews

[Charlie and the Chocolate Factory](#) 1hr 46min - Rated PG
★★★★☆ 65 reviews

NYT > Home Page [edit](#)

[Offer by Europe Would Give Iran Nuclear Future](#)
[Niger's Anguish Is Reflected in Its Dying Children](#)
[Court Nominee Advised Group on Gay Rights](#)

Gmail [edit](#)

[Inbox \(11\)](#) [Hide preview](#)

eBay Member :, Mail Delivery (2) - Que: Dec 11
eBay Member :, Mail Delivery (2) - Que: Dec 3
dev-reject-11641931., Mail Delivery (2) - Nov 22
dev-reject-11639872., Mail Delivery (2) - Nov 19
dev-reject-11626813., Mail Delivery (2) - Nov 4

Movies [edit](#)

[Showtimes for 76208 »](#)

[Charlotte's Web](#) 1hr 53min - Rated G
★★★★☆ 6 reviews

[The Pursuit of Happyness](#) 1hr 56min - Rated PG-13
★★★★☆ 8 reviews

[The Holiday](#) 2hr 16min - Rated PG-13
★★★★☆ 19 reviews

Wired News: Top Stories [edit](#)

[She's Such a Geek!](#)
[First Look: Photoshop CS3 Beta](#)
[Start the Riot With The Ravezooka](#)

Stock Market [edit](#)

YHOO	26.90	+0.03 (0.11%)
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](#)

NYT > Home Page [edit](#)

[Global Warming Poses Threat to Ski Resorts in the Alps](#)
[Governor Mum on Replacement Talk](#)
[Options Sought for Surge in US Troops to Stabilize Iraq](#)

pattern. drag and drop.

Use When

- . you want to manipulate a natural visual model of objects

Potential Pitfalls

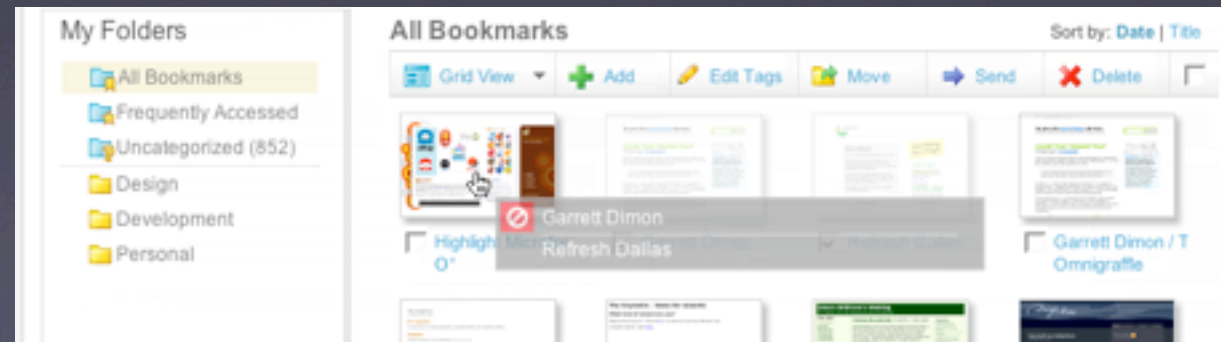
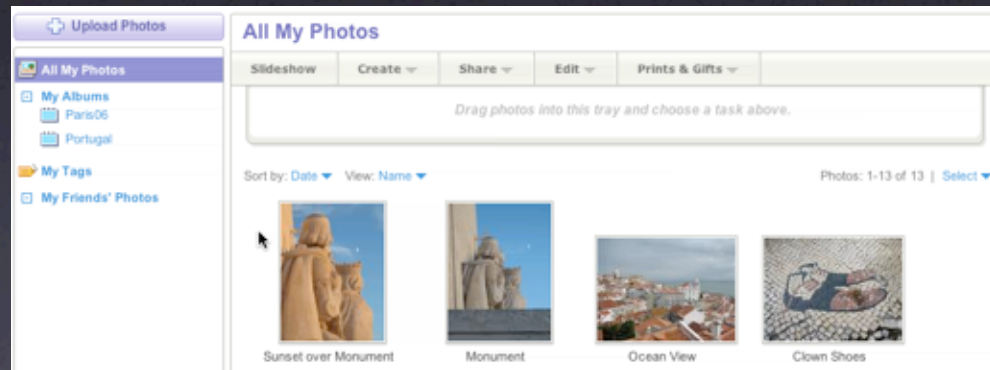
- . starting with drag & drop
- . using it to set a single attribute
- . constructing artificial visual constructs
- . using it for removal
- . confusing drag ghost with drag object
- . user's don't get it
- . creating page jitter

Best Practices






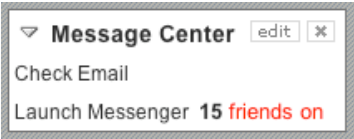
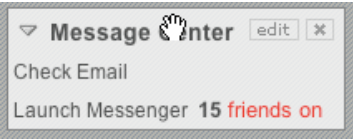
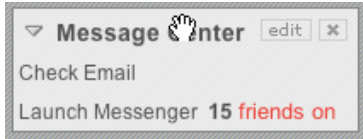
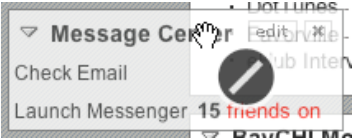
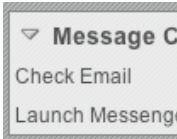
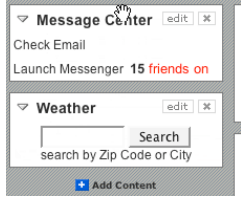
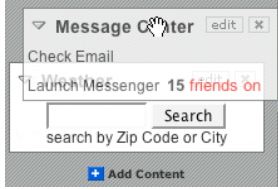
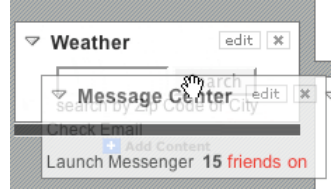
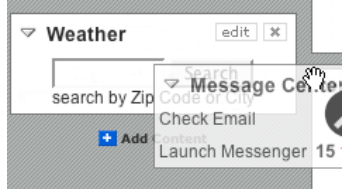
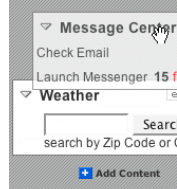
- . use for changing layout
 - minimize movement on drag operation*
 - balance preview on drag with page jitter*
- . use for re-arranging lists
 - if using ghost, use insertion bar*
 - if direct drag, don't use ghost*
- . start drag after 3 pixel delta
- . change cursor over drag candidate
- . use drop invitations
- . signal valid/invalid targets
- . use zoom back
- . allow ESC to cancel; outer bounds
- . take care of interesting moments
- . use transitions to smooth out effect

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
				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



Drag and Drop Modules - Interesting Moments Grid

Currently on beta.my.yahoo.com					
ID: Bill Scott & Eric Miraglia					
	Mouse Hover	Mouse Down	Drag Initiated	Drag Over Valid Target	Drag Over Invalid Target
Cursor	 CSS Move cursor	 CSS Move cursor	 CSS Move cursor	 CSS Move cursor	 CSS Move cursor
Tool Tip					
Drag Object	 Full Opacity	 Reduced Opacity	 Reduced Opacity	 Reduced Opacity & Invalid Badge	 Reduced Opacity
Drop Target	 No insertion bar, just a gap	 No insertion bar, just a gap	 Insertion bar showing where it will drop	 No insertion bar, just a gap	 No insertion bar, just a gap

pattern. drag and drop.

	Page Generation	Mouse Hover	Drag Initiated	Drag over Valid	Drag over Invalid	Drag over Original	Drop Accepted	Drop Rejected	Drop on Original
Page Content	Hint	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cursor	Normal	Move Cursor	Move Cursor	Move Cursor	Move Cursor	Move Cursor	Normal	Normal	Normal
Drag Object	Normal	Normal	Reduced Opacity & Tracking	Reduced Opacity & Tracking	Reduced Opacity & Tracking + Invalid Badge	Reduced Opacity & Tracking	2. Modules animates into the area just below insertion bar 3. Module comes to rest in new area 4. Modules slide up in a self-healing transition to close hole	Normal Opacity + Zoom Back to Original	Normal Opacity + Zoom Back to Original
Orig Location	Normal	Normal	Hole Opens	Hole Remains	Hole Remains	Hole Remains	Hole Remains	Hole refilled with drag object	Hole refilled with drag object
Drop Target	Normal	Normal	Normal	Insertion Bar	N/A	N/A	1. Insertion Bar Removed	N/A	N/A

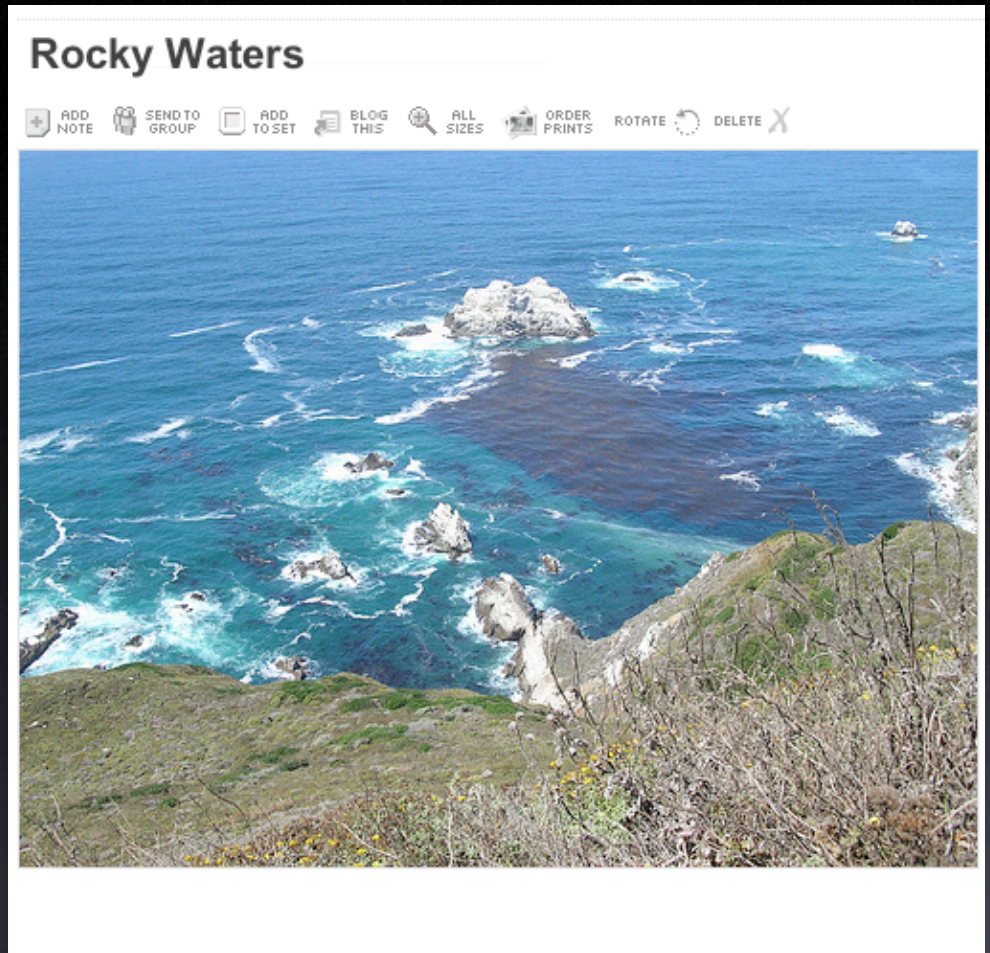
patterns. in page edit.

- Problem

- User needs to edit content directly on the page.

- Use When

- You want to avoid having the user move to a different page to perform an edit.
- The edits are best performed in context of the page.



patterns. in page edit.

inline text edit. inline custom edit. popup
custom edit. in form edit. direct state edit.
rating an object. inline tag edit.
grid cell edit.

pattern. inline text edit.

Use When

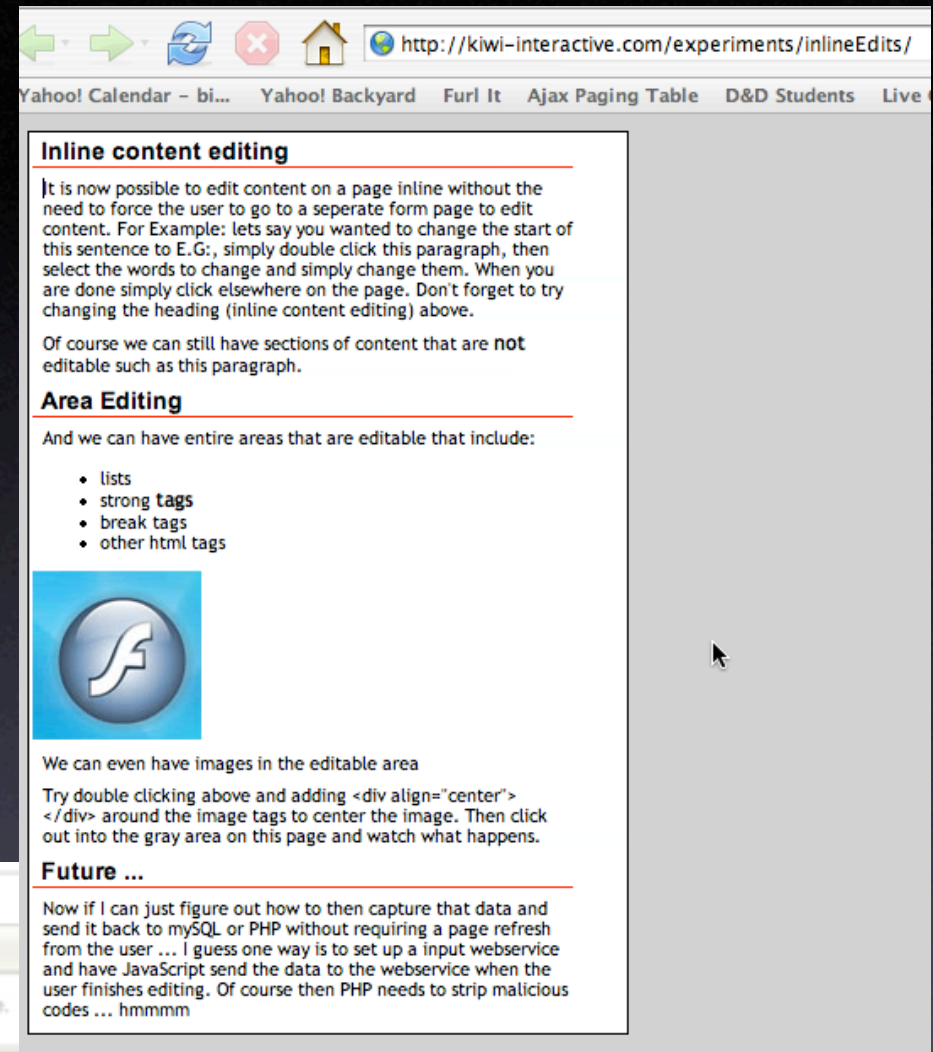
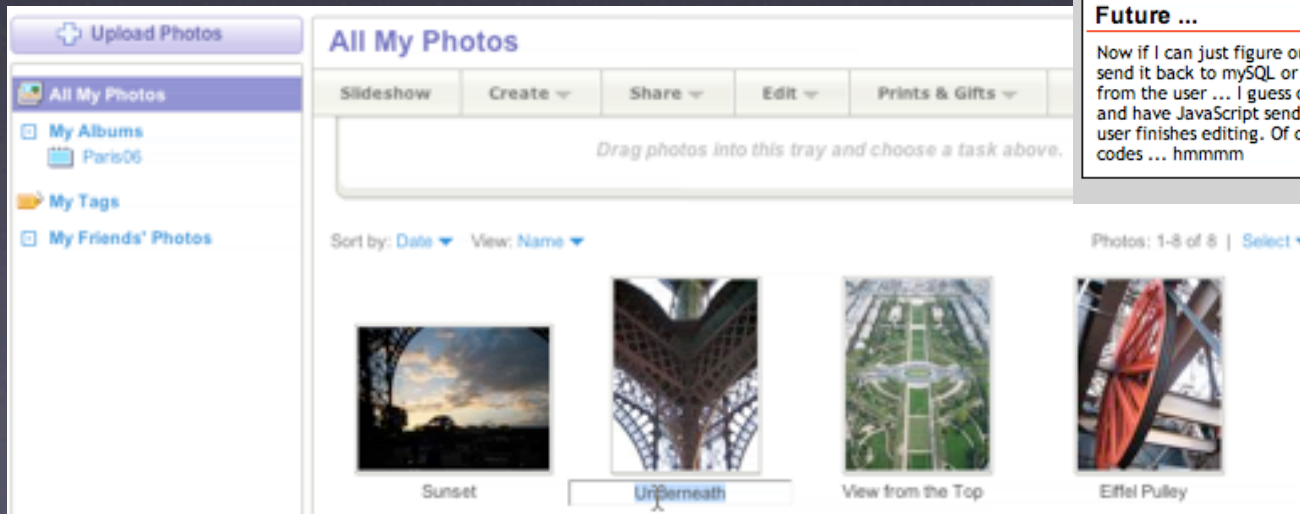
- . directly editing text

Potential Pitfalls

- . discoverability
- . placing buttons elsewhere on page
- . edit & render modes different sizes
- . confusing highlight with selection
- . too subtle distinction of edit mode
- . communicating changes made

Best Practices

- . avoid page jitter
- . make render & edit modes same size
- . activate on click
 - alternatively use in-context tools*
- . deactivate on blur



pattern. inline custom edit.



State park near our new home
(next to Milpitas)

SAVE

OR

CANCEL

Use When

- . item being edited is multi-field
- . you want to be explicit about the edit mode

Potential Pitfalls

- . discoverability
- . too subtle of invitation
- . clutter visual display w/ invitations
- . making page jump

Bookmarks 1 - 20 of about 868

Date Saved | Title | URL

[GUUUI - Hand-crafting prototypes in Visio](#)

Saved by: Me on 12/16/2006 at 5:33 PM - [Details](#) - [My saved copy](#)

[Access: Only me](#) - [Delete](#)

1 save [Edit](#)

Tags: [prototype](#),
[prototyping](#), [sketching](#),

[Visio Replacement? You Be the Judge - Boxes an...](#)

Saved by: Me on 12/16/2006 at 5:31 PM - [Details](#) - [My saved copy](#)

[Access: Only me](#) - [Delete](#)

3 saves [Edit](#)

Tags: [products](#), [prototype](#),
[prototyping](#), [simulation](#),

[GUUUI - Visio - the interaction designer's nai...](#)

Saved by: Me on 12/16/2006 at 5:29 PM - [Details](#) - [My saved copy](#)

[Access: Only me](#) - [Delete](#)

21 saves [Edit](#)

Tags: [information](#)
[architec...](#), [prototype](#), [visio](#),

[gotomedia : news & events : gotoreport may 2005](#)

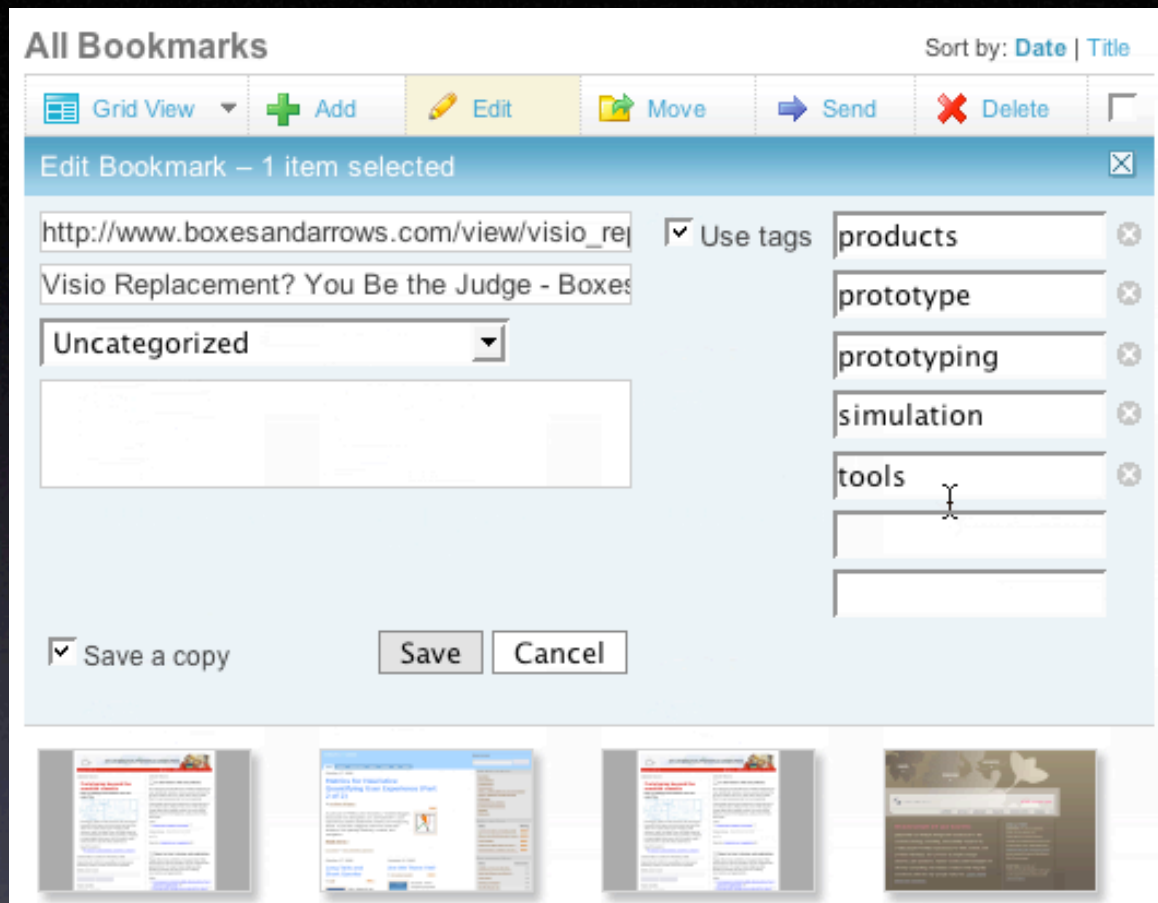
Saved by: Me on 12/16/2006 at 5:28 PM - [Details](#) - [My saved copy](#)

[Access: Only me](#) - [Delete](#)

1 save [Edit](#)

Tags: [information](#)
[architec...](#), [interaction](#)

pattern. inline custom edit.



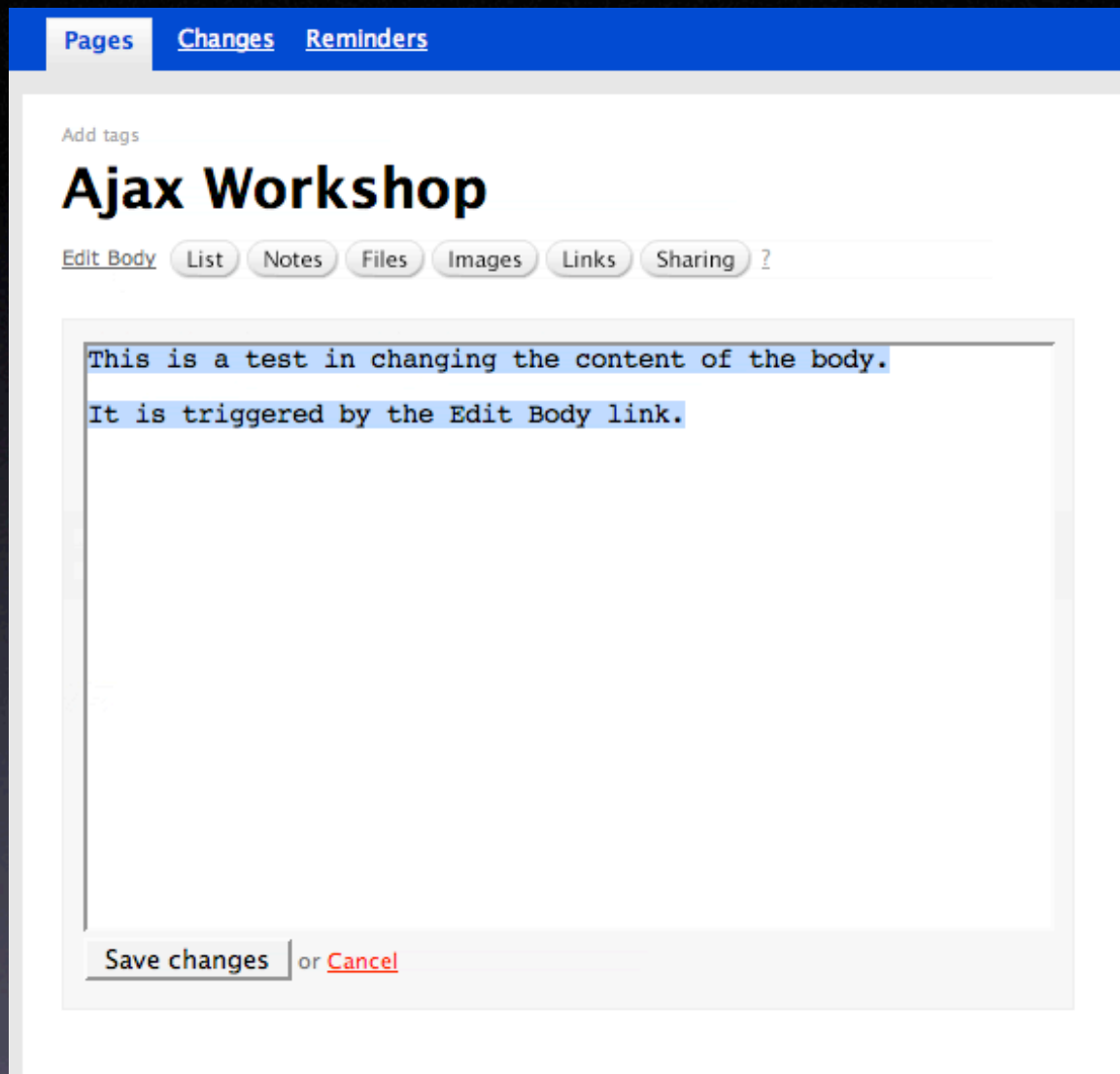
Use When

- . item being edited is multi-field
- . you want to be explicit about the edit mode

Potential Pitfalls

- . discoverability
- . too subtle of invitation
- . clutter visual display w/ invitations
- . making page jump

pattern. inline custom edit.



Use When

- . item being edited is multi-field
- . you want to be explicit about the edit mode

Potential Pitfalls

- . discoverability
- . too subtle of invitation
- . clutter visual display w/ invitations
- . making page jump

pattern. inline custom edit.

Comments

[Leave a response](#)

1. *bill* said 215 days later:
testing this

2. *bill scott* said 215 days later:
hello blog

Trackbacks

Use the following link to trackback from your own site:
<http://blog.curthibbs.us/articles/trackback/46>

Your name [\(leave url »\)](#)

Your message

submit

Use When

- . item being edited is multi-field
- . you want to be explicit about the edit mode

Potential Pitfalls

- . discoverability
- . too subtle of invitation
- . clutter visual display w/ invitations
- . making page jump

Best Practices

- . activate with incontext tools
- . use traditional form (with save button)
- . smooth out open/close transition
- . use invitations to clue user they can edit
- . provide feedback during save

patterns. in form edit.

Create free listing

1. Choose category2. Write listing3. Preview4. 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.


I offerI look for

Computers & softwareSundry

Add title*

Add picture

Set price*



Enter the article site in the form on the left to enable your listing to be displayed on the map.

[« Back to Calendar](#) [Save](#) [Cancel](#) [Delete](#) [More Actions...](#)

WhatDesign Review

WhenTue Dec 19 13:00 - Tue Dec 19 16:00

Where[Click to add a location](#)

Description[Click to add a description](#)

▼ Discuss this event

[+ Add a comment](#)

Enter your comments below and be sure to press "Post comment".

[Post comment](#)

Sorry, nothing to read here. Try [Google News](#) if you're bored.

▼ Guests

[+ Add guests](#)

Guests can

☐ invite others

☒ see guest list

► Options

[« Back to Calendar](#) [Save](#) [Cancel](#)

pattern. inline tag edit.

Use When

- . more

Potential Pitfalls

- . will create a closed vocabulary
- . only as good as suggestions
- . confusion on commas vs. space
- . confusion on my choice vs. suggest
- . confusion on singular/plural, etc.

Best Practices

- . allow tags to be separated by commas
- . allow suggested tags to be entered/removed with click

Suggested: [+ blogs](#) [+ css](#) [+ forum](#) [+ zines](#)

Tags

* Separate multiple tags with commas

Access: ☐ Me ☐ My Community ☒ Everyone

Waxy.org Links

A Rocket to Nowhere

Posted: August 5th, 2005, 2:20am CEST

Tags: [\[edit\]](#)







Maciej Ceglowski's excellent article on the problems with NASA's manned space flight program

Tags

-  mississippi [\[x\]](#)
-  river [\[x\]](#)
-  monument [\[x\]](#)
-  squared [\[x\]](#)
-  circle [\[x\]](#)
-  squaredcircle [\[x\]](#)
-  cannon [\[x\]](#)

[Add a tag](#)

Additional Information

-  © All rights reserved. ([set privacy](#))
-  Taken with a Nikon E4800.
[More properties](#)
-  Taken on [March 8, 2005](#) ([edit](#))
-  See [different sizes](#)
-  Viewed **0** times. (Not including you)
-  [Edit](#) title, description, and tags

Flag this photo as "[may offend](#)"?



pattern. rating an object.

282 diggs
submitted by [usedmac](#) 1 day 1 hour ago (via <http://mac>)
[digg it](#)

The Apple Mighty Mouse brings a slew of great fea 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](#)


RECOMMEND THIS STORY

Recommend It:  Average (63 votes) 

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 ... [Read More](#)

[Add](#)

The Critics: B- 14 reviews	My Grade: Rate this Movie! Select grade to the right write a review	A
		B
Yahoo! Users: B+ 13199 ratings		C
		D
		F

Use When

- . you want to provide a way to directly change a rating
- . you want to increase size of creator community

Potential Pitfalls

- . confusion between community rating and personal rating
- . after voting, what is the community rating?
- . providing too many choices
- . how user changes choice

Best Practices

- . provide as few choices as possible
- . use stars for 1 of n choices
- . use thumbs up or single button for binary rating

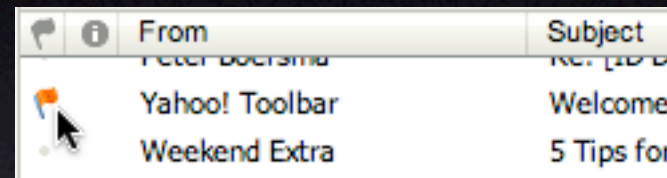
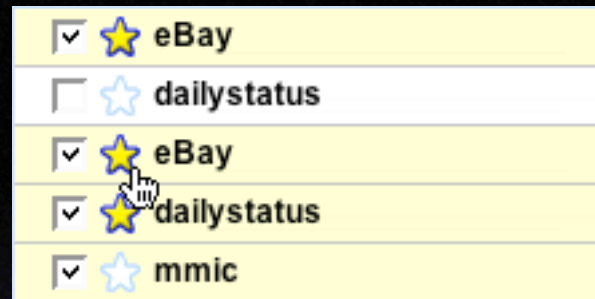
pattern. direct state editing.

Use When

- . flagging objects in a list or grid
- . bookmarking favorite

Best Practices

- . provide a hover invitation
- . provide a unflagged state as well as a flagged state



patterns. in-context tools.

- Problem

- User needs to perform actions on specific objects on the page

- Use When

- It would be too busy to place actions visibly beside each object.
- You don't have a way to select objects and perform actions on selection.
- You don't need to perform the actions on more than one object at a time.
- The actions are best performed in context of the page.

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.)

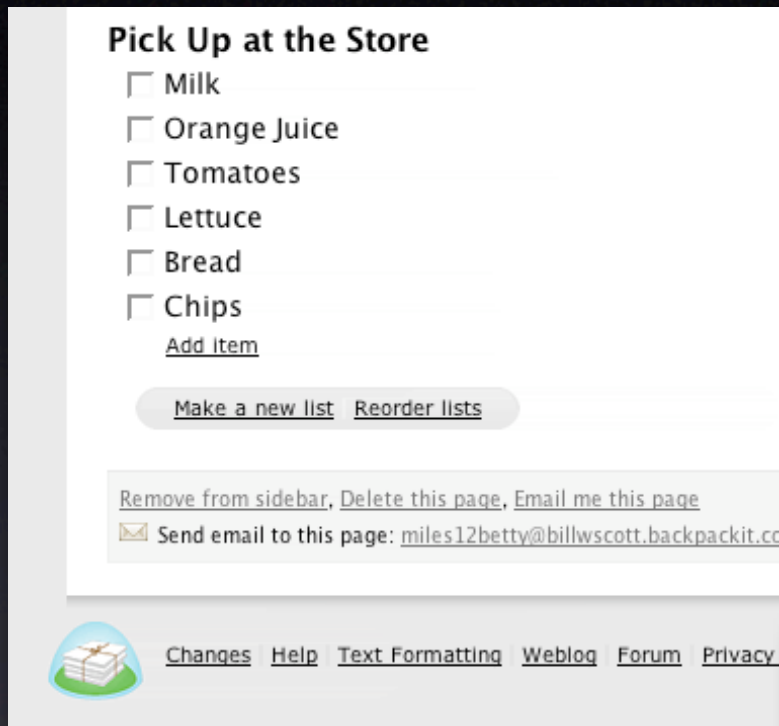
patterns. in context tools.

in-context links. in-context menu.

pattern. in-context tools.

Potential Pitfalls

- . can be tedious if multiple objects needed to be acted on
- . visually cluttered if actions are always visible



pattern. in-context tools. [EDIT THIS MOVIE TO REMOVE INLINE EDIT PART]

Potential Pitfalls

- . can be tedious if multiple objects needed to be acted on
- . visually cluttered if actions are always visible
- . discoverability if reveal on hover

**lantzilla** pro says:
...with biscuits and gravy and all the fixins...
Posted 16 hours ago. ([permalink](#))

Add your comment

(Some HTML is OK.)

Pick Up at the Store

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

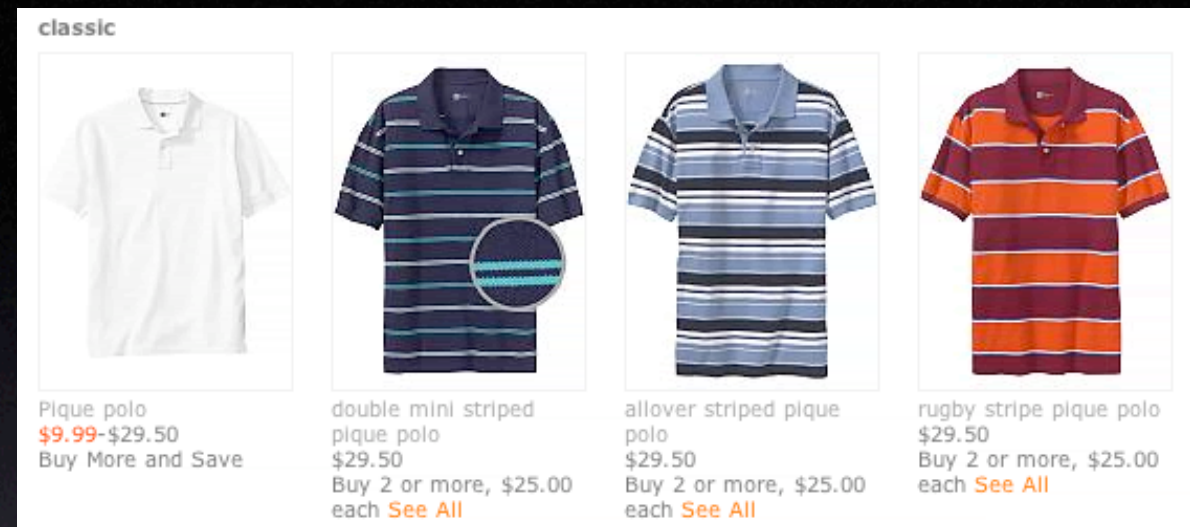
pattern. in-context tools. [EDIT THIS MOVIE TO REMOVE INLINE EDIT PART]

Potential Pitfalls

- . can be tedious if multiple objects needed to be acted on
- . visually cluttered if actions are always visible
- . discoverability if reveal on hover

Best Practices

- . use when it is common to operate on individual items
- . provide ways to also operate on the whole group
- . use familiar constructs (hyperlinks for actions) to teach new idiom
- . use in-context busy indicator if action will take some time to complete or use yellow fade technique to signal action completion
- . consider the visual space for the tools when designing the items
- . use hover, cursor, tooltip invitations to signal actionable area
- . don't mix selection-based actions with in-context tools



patterns. persistence.

remembered collections. auto save.

Use When

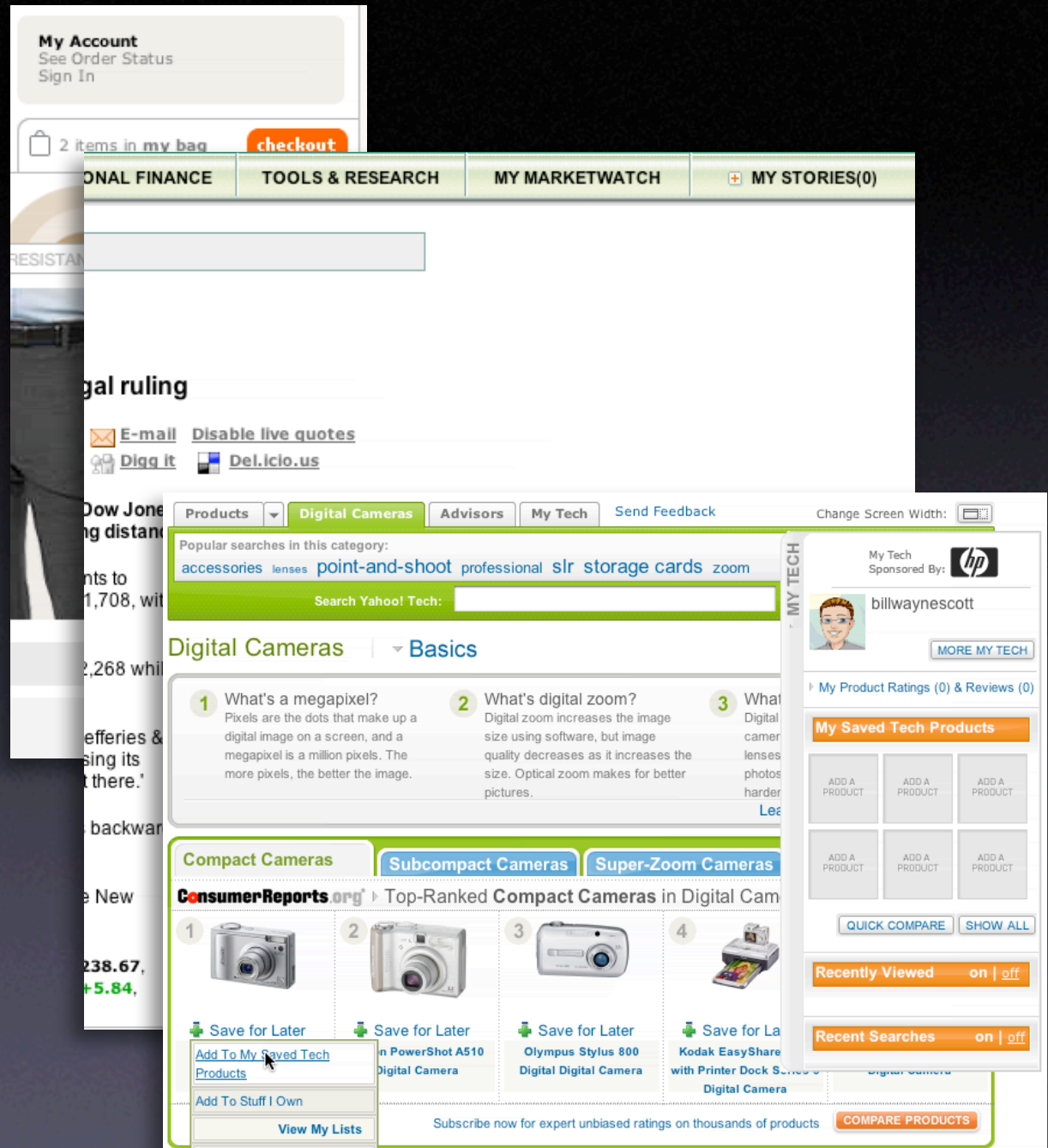
- . desire to minimize “bail-out” moments
- . creating shopping experiences
- . for bookmarking

Possible Pitfalls

- . connection between remembered collection and items could be lost on user

Best Practices

- . attach the remembered collection to the shopping cart, list
- . reveal the contents in context to the page (slide, instant reveal, etc.)
- . bring the collection in proximity to the shopping experience
- . make sure the connection is clear between saving the object and it entering into the collection



pattern. auto save

The screenshot shows a Gmail compose window. At the top, there are three buttons: "Send", "Save Now", and "Discard". Below these are the "To:" and "Subject:" fields. The "Subject:" field contains the text "Here it is...". Below the subject field are links for "Add Cc", "Add Bcc", "Attach a file", and "Add event info". A rich text editor toolbar is visible with various icons for bold, italic, underline, text color, background color, link, unlink, bulleted list, numbered list, decrease indent, increase indent, quote, unquote, indent, outdent, and a "Check spelling" dropdown. Below the toolbar, the text "This is a simple message with an attachment." is entered, followed by a signature line that reads "-- Bill Scott". At the bottom of the window, there are again three buttons: "Send", "Save Now", and "Discard".

Use When

- . composing email messages
- . composing web documents (spreadsheet, text)

Possible Pitfalls

- . if save takes a while can be disruptive to typing
- . can cause interface change (as in gmail) leading to unexpected behavior

Best Practice

- . make auto-save as transparent as possible
- . for email, make it default behavior
- . for documents, allow it to be turned on
- . catch navigation away from page and offer to save

Google Docs & Spreadsheets

Test Spreadsheet Autosaved at Dec 20, 2006 8:29:44 PM PST

patterns. inline assistant.

inline assistant.

pattern. inline assistant.

Use When

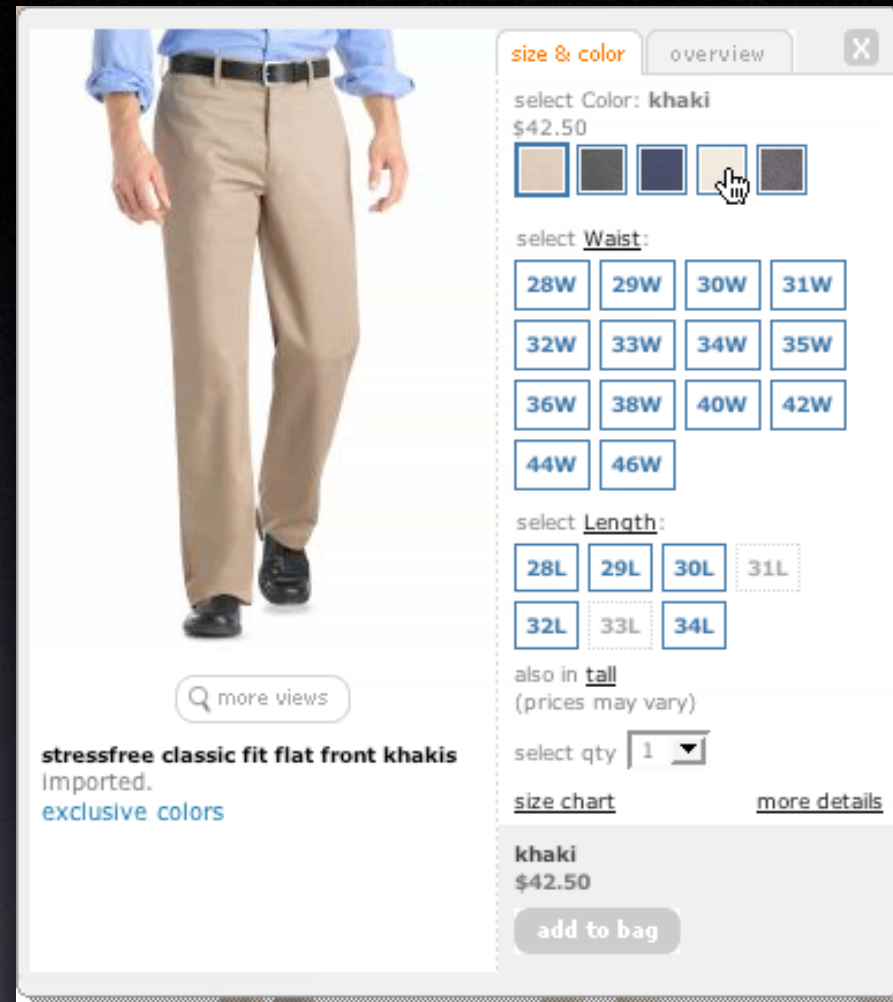
- . want to simplify a selection process
- . want to remove “bail-out” opportunities
- . want to increase conversion rates

Possible Pitfalls

- . trying to use for complex wizards
- . trying to use for installation
- . if logic is too complex or dependent on server data, might be sluggish

Best Practices

- . avoid using inline assistant for branching logic style wizards
- . avoid using inline assistant for installation processes
- . make full use of preview techniques to clearly indicate each of the small choices the user makes
- . make the experience feel lightweight, quick and responsive



patterns.validate.

inline validation. validate then suggest.
character counter. live preview

pattern. inline validation.

Use When

- . want to prevent errors early
- . can provide timely feedback in compact form within current form

Possible Pitfalls

- . sluggish performance

Best Practices

- . provide feedback as the user types if possible; provide feedback on action button otherwise
- . for feedback during typing place feedback in proximity beside (usually to the right) of input
- . for feedback after action button, overlay the input area with the feedback; subsequent action button will bring back form if error.

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

pattern.validate then suggest

Use When

- . need to aid the user in correcting their errors

Possible Pitfalls

- . vague messaging

Best Practices

- . if possible, prevent the user from getting to this point
- . clearly denote the fields where issues exist
- . make the task if fixing issues seem like 1-2-3 steps
- . as the user corrects enable action buttons and remove error indicators



pattern. character counter.

Use When

- . input is limited
- . can't intelligently handle long text

Possible Pitfalls

- . relying on this when possibly could handle larger input lengths

Best Practices

- . update character counter in real time
- . character counting text should be written as a complete sentence
- . use smaller font, place underneath field

Ask Your Question

1. Enter your question

You can ask 5 more questions today.

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



pattern. live preview.

Use When

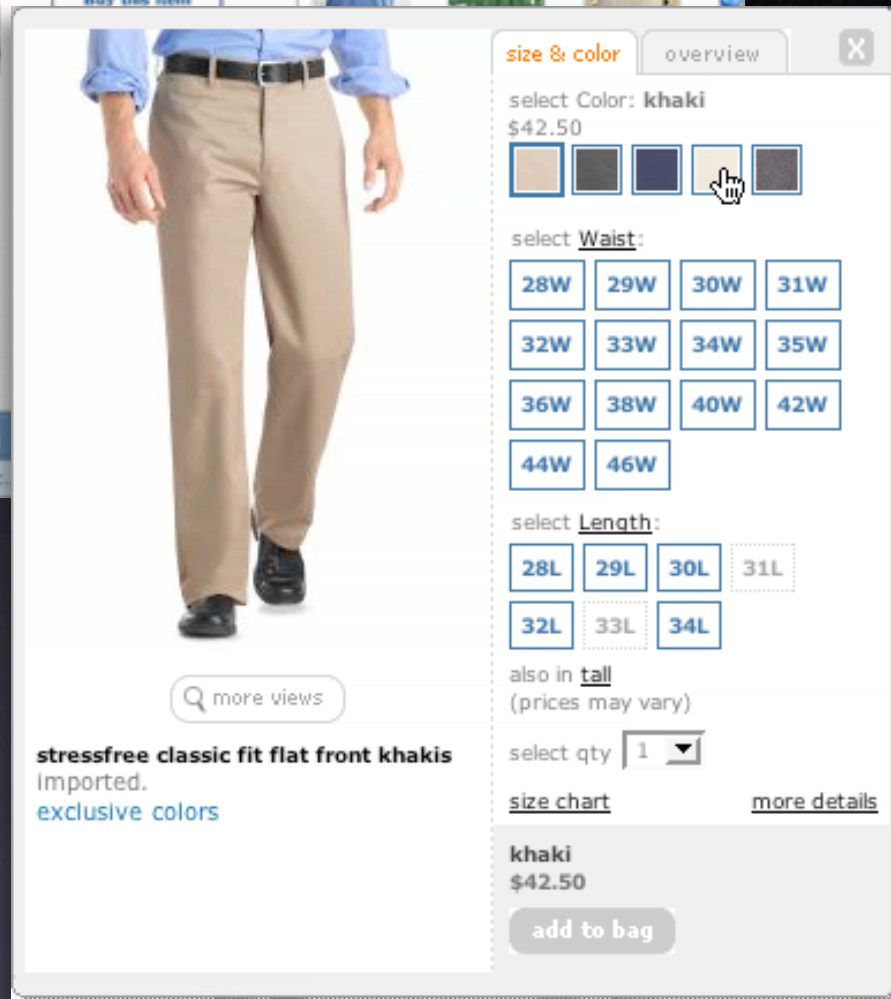
- . can provide a visual view of user selection
- . can provide the view in real time

Possible Pitfalls

- . can be very challenging to come up with the appropriate way to combine edit & preview in one view

Best Practices

- . let hover reveal previews
- . provide a preview panel that contains the sum of the choices
- . update preview panel in real time, if possible; else have a preview button to show preview
- . use narrowing choices pattern where possible





patterns. indicators.

busy indicator. progress indicator. inline
status. opacity fade. high contrast.

pattern. busy indicator.

Use When

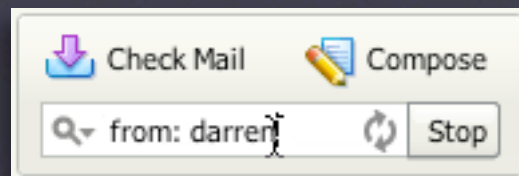
- . need to show system is processing
- . want to show indication in context

Possible Pitfalls

- . can be distracting if not necessary

Best Practices

- . place the busy indication as close to the use input as possible
use small animated indicator beside input or inside input field
- . place the busy indication at the place where the results will appear
use an overlay with translucency if redirecting attention
- . don't use too many indicators as it will make for a noisy interface
- . avoid using indicator if delay is really short



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
<input checked="" type="checkbox"/> 9am - 3pm	\$166
<input checked="" type="checkbox"/> 3pm - 9pm	\$166
<input checked="" type="checkbox"/> 9pm - 5am	\$201

Airports

- ☒ Oakland - OAK
- ☒ San Francisco - SFO
- ☒ San Jose - SJC

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 per person

JetBlue (flight details)

11:40a-5:10p 1-stop OAK-LAS

3 return times available at this price

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

jetblue.com

\$166 per person

JetBlue (flight details)

1:55p-5:10p 1-stop OAK-LAS

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



Your Domain Is Active

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

To: yuiblogger@yahoo.com

Cc: billwscott@gmail.com

Standard Header ▾ | Hide Pane

Wed Feb 1 17:06:45 2006

pattern. progress indicator.

Yahoo! My Yahoo! Mail Make Yahoo! your home page

Welcome, copper_test
[Sign Out](#) [My Account](#)

My Photos - View Cart - Help

Home Prints & Gifts View Cart Settings How-to Tips

Search the Web Search

Search My Tags... Go

Uploading...

2 of 4 photos uploaded. [Hide details](#)

Photo Name	Size	Upload Status
DSCN3447.JPG	787 KB	Complete
DSCN3448.JPG	782 KB	Complete
DSCN3449.JPG	624 KB	Uploading
ryan_bill_tantek_baychi.jpg	2.83 MB	Uploading

4 files (5.0 MB total)

Cancel

Ping your heart out!
Connect in real-time with Yahoo! Messenger With Voice. Share with friends instantly by catching up with text, voice, even photos.

Get Photos on your mobile phone.
Did you know you can take Yahoo! Photos with you? It's easy. Use your mobile phone to send and receive photos.

Advertisement

Up to 20% off select Electronics & Accessories from Dell Home. Some offers end 2/15. [CLICK FOR DETAILS](#)

IT'S A DELL

Dell™ 24" LCD Monitor & Canon S2 IS

Clicking advertisement will not interrupt or slow your upload.

Copyright © 2006 Yahoo! Inc. All rights reserved.
[Privacy Policy](#) - [Terms of Service](#) - [Copyright/TP Policy](#) - [Guidelines](#) - [Report Abuse](#) - [Help](#)

Use When

- . needing to show upload status

Possible Pitfalls

- . non-accurate progress indication

Best Practices

- . place the indicators as close to the file names as possible
- . finish with “completed” status if displayed in grid... otherwise finish with status and fade out

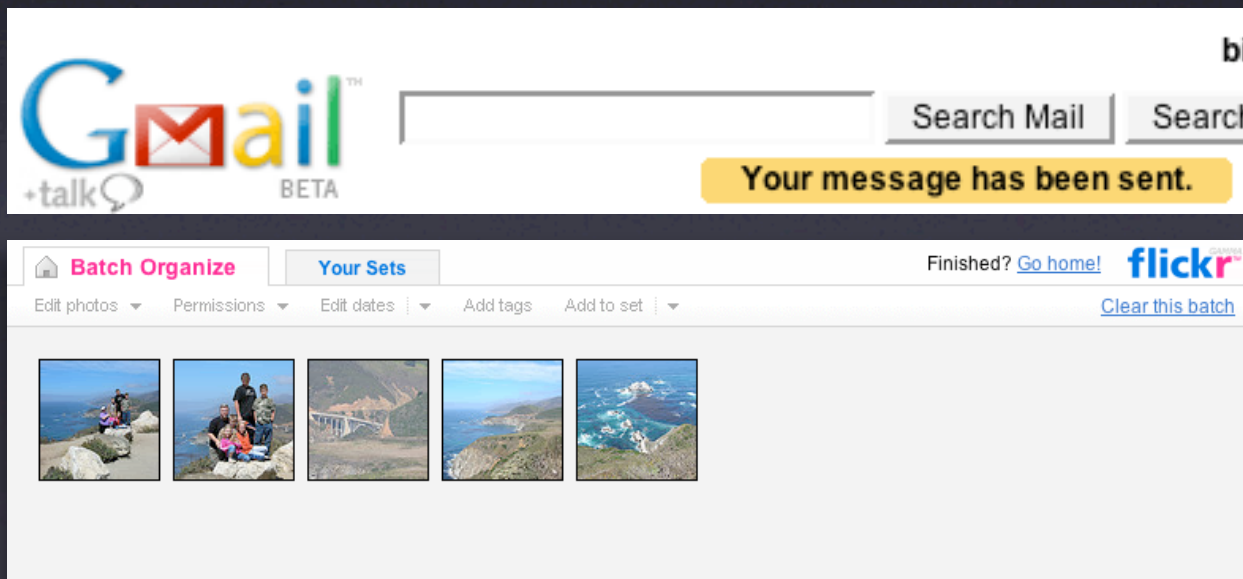
pattern. inline status.

Use When

- . needing simple status on page

Best Practices

- . place the status message in close to where the user is currently interacting or at a visual hotspot (visual heat map)
- . highlight the background
- . optionally fade out the status message



pattern. opacity fade.

37signals Client Extranet | [Back to Dashboard](#) | [Hide admin links](#) | Logged in as Matt Linderman ([Log out](#))

TravelCenter

Web Site Redesign

[All Posts](#) | [Assets](#) | [Code](#) | [Copywriting](#) | [Design](#) | [Miscellaneous](#) | [Transcripts](#) | [Contacts](#) | [To-Do](#) | [Milestones](#)



All Posts

[Post a new message](#)

27 January

Competitive analysis

Here are some early results from the competitive analysis we've been working on. We've provided the files in both PDF and Word format. Let me know if you have any problems opening them. Please post any related feedback here. Thanks.


 [Competitive Analysis 0.1](#) (PDF)
 [Competitive Analysis 0.1](#) (DOC)


Posted by Jason Fried in [Miscellaneous](#) | [Edit](#) | [Post a comment](#)

21 November

Jim Messier Photo

Q: Is this the photo we should use for Jim's message on the "About Us" page?



 [Jim Messier Photo](#) (JPG)
[About Us Page](#) (Web link)

Posted by Rhonda Alexander in [Copywriting](#) | [Edit](#) | [4 comments](#)

18 November

Domains are REALLY pointing now

37signals

What's Fresh?

Most recent comments...

1. [User Testing: Scheduling Options](#)
Jason Fried, (27 Jan)
2. [Design Approved](#)
Jason Fried, (27 Jan)
3. [Jim Messier Photo](#)
Rhonda Alexander, (15 Jan)
4. [Access Email](#)
Rhonda Alexander, (21 Nov)
5. [Domains are REALLY pointing now](#)
Joey Tester, (18 Nov)

Use When

- . need to spotlight a change occurred

Possible Pitfalls

- . if too many places, can be distracting

Best Practices

- . use in just one or two selected areas
- . if more, make sure that there aren't too many updating at once
- . if area is large, consider more subtle coloring
- . fade out quickly (usually less than one second; but much faster is acceptable)

pattern. black background.

Use When

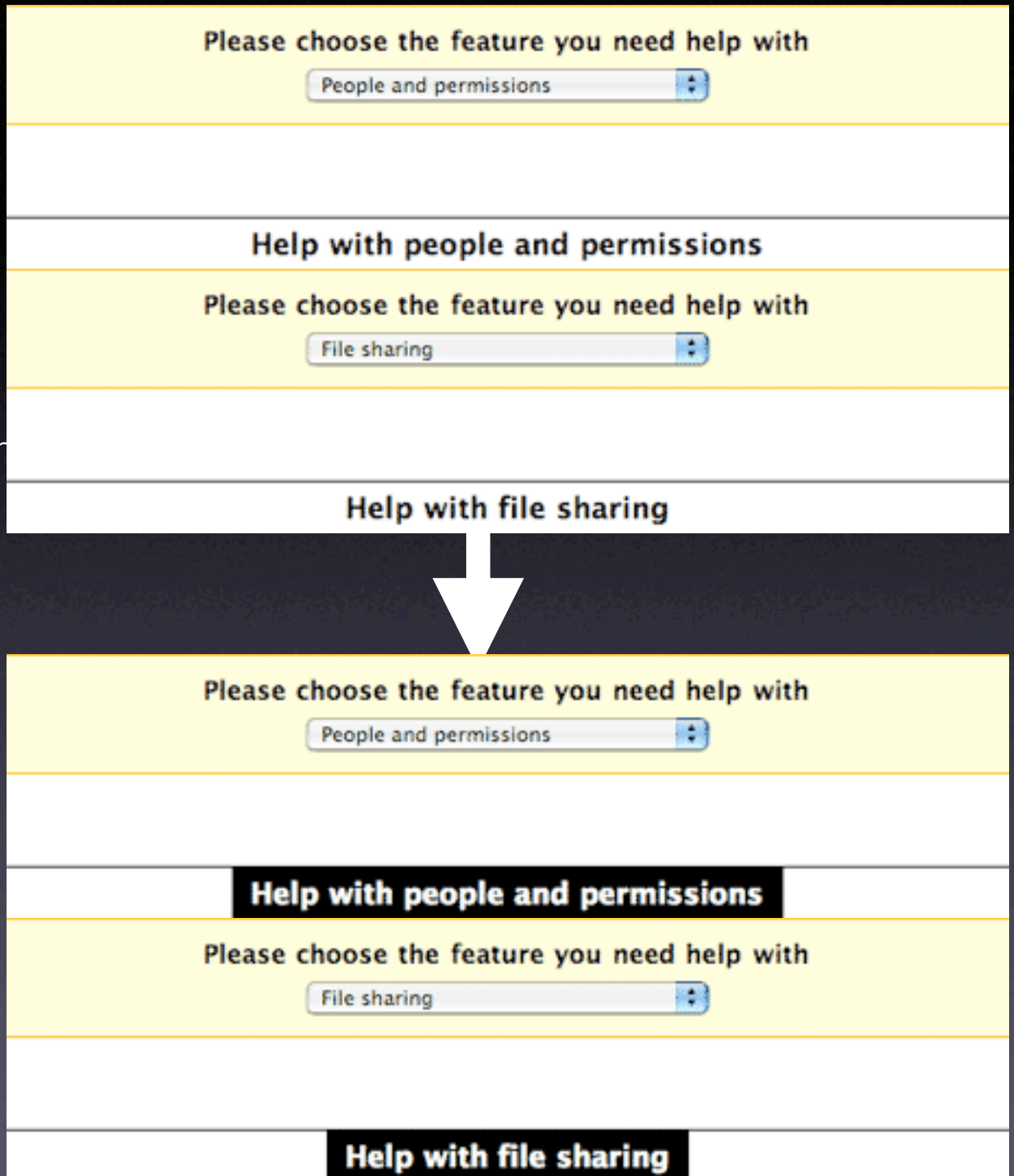
- . fade technique does not indicate change well enough

Possible Pitfalls

- . can be visually noisy

Best Practices

- . use sparingly
- . highlight the background as black (the length of text)



patterns. presentation. transition.

brighten. animate. cross-fade. dim. expand.
fade-in. fade-out. flip. move. self-heal.
collapse. slide.

Transitions

- 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

pattern. transitions

Use When

- . speed up perceived time
- . slow down interaction
- . show relationships
- . suggest symmetry
- . show state change

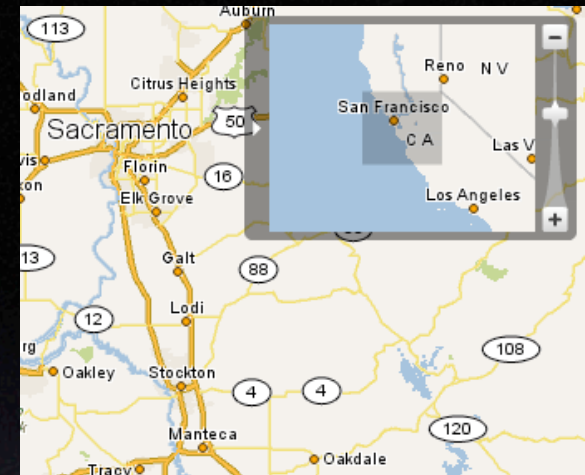
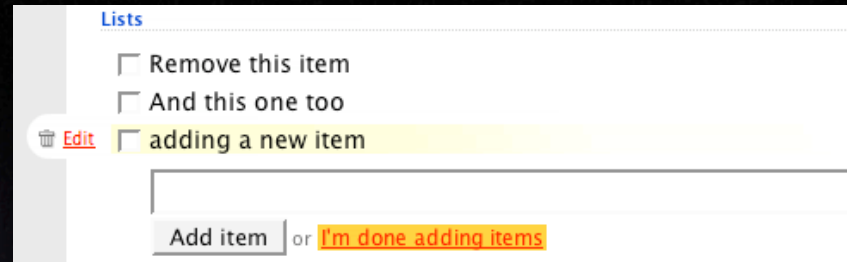
Possible Pitfalls

- . use the wrong transition can communicate the wrong message

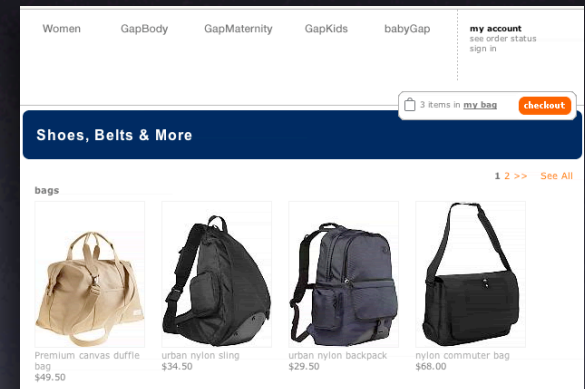
Best Practices

- . 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

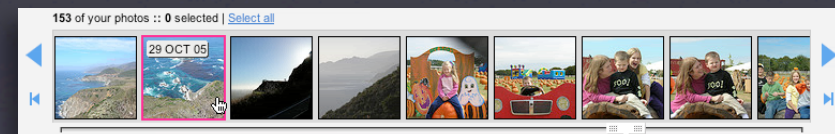
pattern. fade transition + self-healing transition.



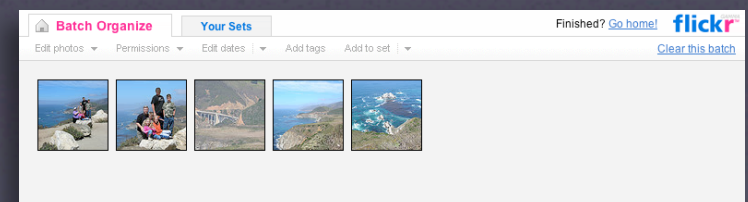
pattern. slide.



pattern. zoom box.



pattern. slide transition.



pattern. active spotlight.