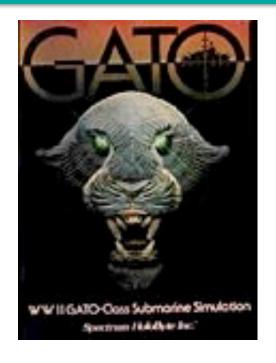
Designing with Patterns Workshop

Bill Scott UxLx ~ Lisbon, Portugal 12 May 2010

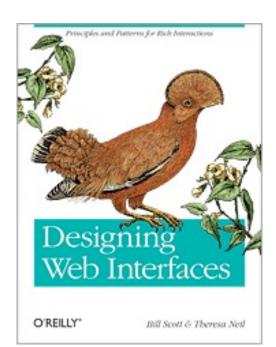


Me













Workshop Schedule

15:00 - 15:15. Pattern Overview.

15:15 - 15:45. Design Principles. Make it Direct.

15:45 - 15:55. Exercise 1.

15:55 - 16:05. Present Solutions.

16:05 - 16:30. Keep it Lightweight. Stay on the Page.

16:30 - 17:00. Break / Q. & A.

17:00 - 17:50. Provide an Invitation. Use Transitions. React Immediately.

17:50 - 18:00. Exercise 2.

18:00 - 18:15. Present Solutions.

18:15 - 18:30. Q & A.

Design Patterns

Definition

A formally described solution to a design problem

Purpose

Capture a problem (conflict) and provide a solution (resolution).

Origin of Patterns

A Pattern Language, Alexander, 1977

Dissatisfied with sterile, impersonal design

Defined it as

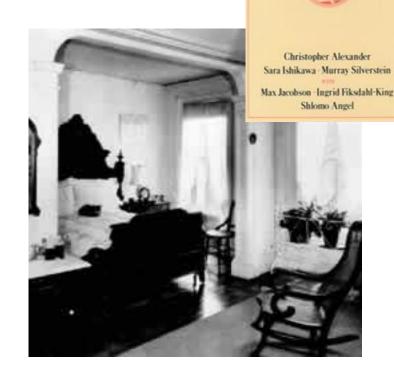
Solution to a problem in context

Captured

Situation, competing constraints, canonical solution

Examples

Couples Realm, House for a Couple, Office Connections, Children's Home



A Pattern Language

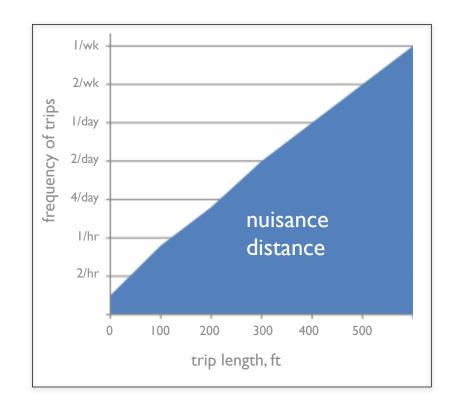
Office Connections

Conflict

If two parts of an office are too far apart, people will not more between them as often as they need to; and if they are more than one floor apart, there will be almost no communication between the two.

Resolution

To establish distances between departments, calculate the number of trips per day made between each two departments; get the "nuisance distance" from the graph; then make sure that the physical distance between the two departments is less than the nuisance distance. Reckon one flight of stairs as about 100 feet, and two flights of stairs as about 300 feet.



Origin of Patterns

Software Patterns

1995. Gang of Four book

Challenge to UX

1996. Alexander challenges HCI community

UX Patterns

1997. Tidwell's Common Ground

Welie's pattern site

Design of Sites book

2005. Tidwell, Designing Interfaces

2006.Y! Pattern Library



surfacing vocabulary



Pattern Libraries

Tidwell's Patterns

Original site: Common Ground

http://www.mit.edu/~jtidwell/interaction_patterns.html

Designing Interfaces book, 2005

Organization of patterns

Information architecture for applications

Navigation

Page layout

Maps, graphs, and tables

Forms

Graphic editors

Color, typography, and look-and-feel



Organizing the Content

Two-Panel Selector One-Window Drilldown Wizard Extras On Demand Intriguing Branches

Getting Around

Clear Entry Points Global Navigation Color-Coded Sections Animated Transition

Organizing the Page

Visual Framework
Center Stage
Titled Sections
Card Stack
Closable Panels
Movable Panels
Diagonal Balance
Responsive Disclosure
Responsive Enabling
Liquid Layout

Commands and Actions

Action Panel Smart Menu Items Progress Indicator Multi-Level Undo Command History

Showing Complex Data

Overview Plus Detail Row Striping Sortable Table Jump to Item Cascading Lists Tree-Table

Welie Pattern Library

User needs

Patterns that meet a direct need of the user.

Navigating around

- Accordion
- · Headerless Menu
- Breadcrumbs
- Directory Navigation
- Doormat Navigation
- Double Tab Navigation
- Faceted Navigation
- Fly-out Menu
- Home Link
- · Icon Menu
- Main Navigation
- Map Navigator
- Meta Navigation
- Minesweeping
- Panning Navigator
- Overlay Menu
- Repeated Menu
- Retractable Menu
- Scrolling Menu
- Shortcut Box
- Split Navigation
- Teaser Menu
- To-the-top Link
- Trail Menu
- Navigation Tree

Basic interactions

- Action Button
- Guided Tour
- Paging
- Pulldown Button
- Slideshow
- Stepping
- Wizard

Searching

- · Advanced Search
- Autocomplete
- · Frequently Asked Ouestions (FAO)
- · Help Wizard
- Search Box
- · Search Area
- · Search Results
- · Search Tips
- Site Index
- Site Map
- · Footer Sitemap
- · Tag Cloud
- · Topic Pages

Dealing with data

- Carrousel
- · Table Filter
- · Collapsible Panels
- · Details On Demand
- Collector
- · Inplace replacement
- · List Builder
- · List Entry View
- · Overview by Detail
- Parts Selector
- Tabs
- · Table Sorter
- · Thumbnail
- · View

Personalizing

- · Customizable Window
- Login
- Registration

- Shopping Booking
- · Product Comparison
- · Product Advisor
- · Product Configurator
- · Purchase Process
- · Shopping Cart
- · Store Locator
- · Testimonials
- · Virtual Product Display

Making choices

- · Country Selector
- · Date Selector
- · Language Selector
- Poll
- Rating

Giving input

- · Comment Box
- · Constraint Input
- Form

Miscelleaneous

- · Footer Bar
- · Hotlist
- · News Box
- · News Ticker
- Send-a-Friend Link

Application needs

Patterns that help the application, or you the designer, communicate better with the user

Drawing attention

- Captcha
- · Center Stage
- · Color Coded Section
- Premium Content Lock
- · Grid-based Layout
- · Liquid Layout
- Outgoing Links
- Alternating Row Colors

Feedback

- · Input Error Message
- · Processing Page

Simplifying intera

- · Enlarged Clickarea
- · Font Enlarger

Context of design

The context of the design

Site types

- Web-based Application
- Artist Site
- · Automotive Site
- · Branded Promotion Site
- · Campaign Site
- E-commerce Site
- · Community Site
- Corporate Site
- · Multinational Site
- · Museum Site
- Personalized 'My' Site
- · News Site
- · Portal Site
- · Travel Site

Experiences

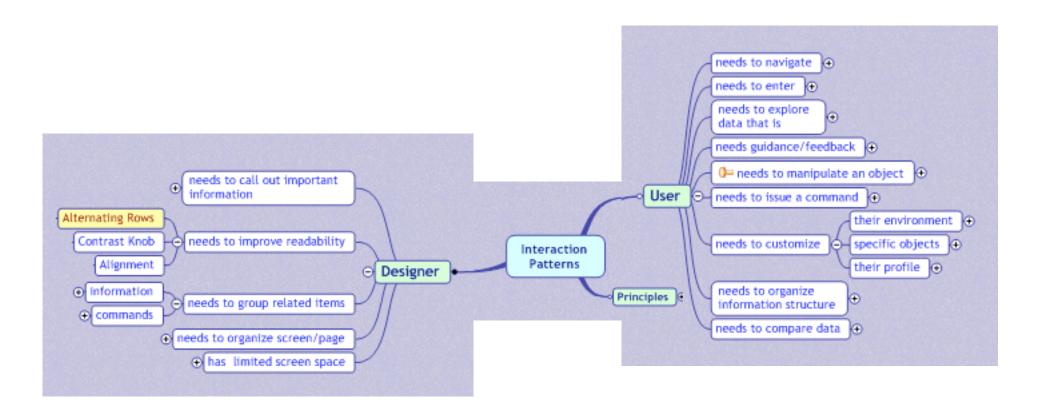
- · Community Building
- Information Management
- Fun
- Information Seeking
- Learning
- Assistence
- Shopping

· Story Telling

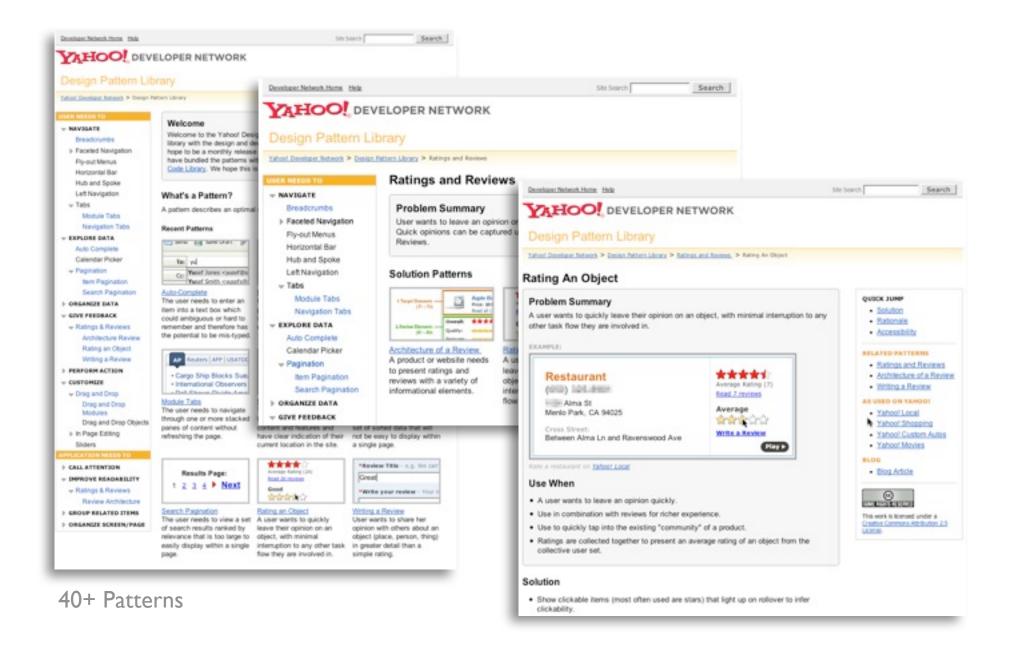
- Page types · Article Page
- Blog Page
- Case Study
- Contact Page
- · Event Calenda
- Forum
- Guest Book
- Help Page
- Homepage
- · Newsletter
- Printer-friend · Product Page
- · Tutorial

120+ Patterns

Pattern Taxonomy



Yahoo! Pattern Library



Internal Yahoo! Pattern Library

Creators

Erin Malone

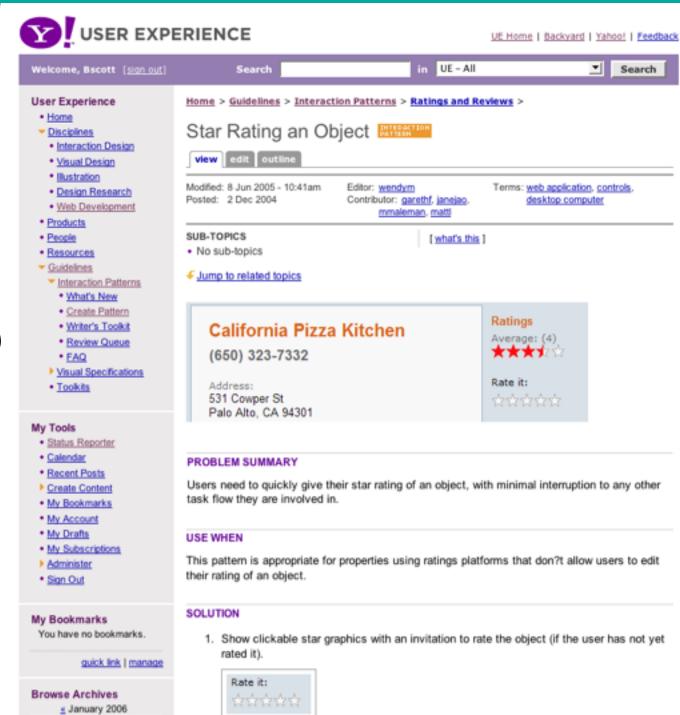
Matt Leacock

Chanel Wheeler

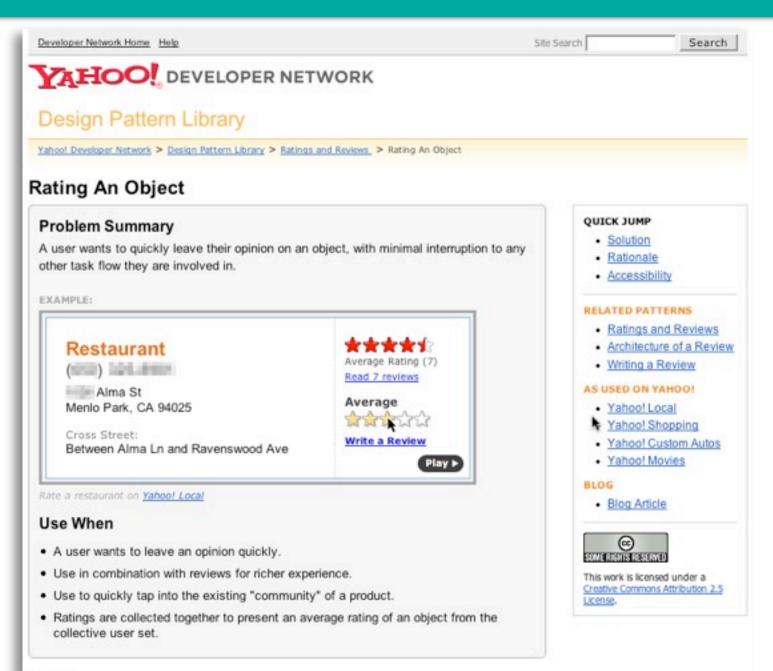
Pattern Curators

Bill Scott (2005-2006)

Christian Crumlish (present)



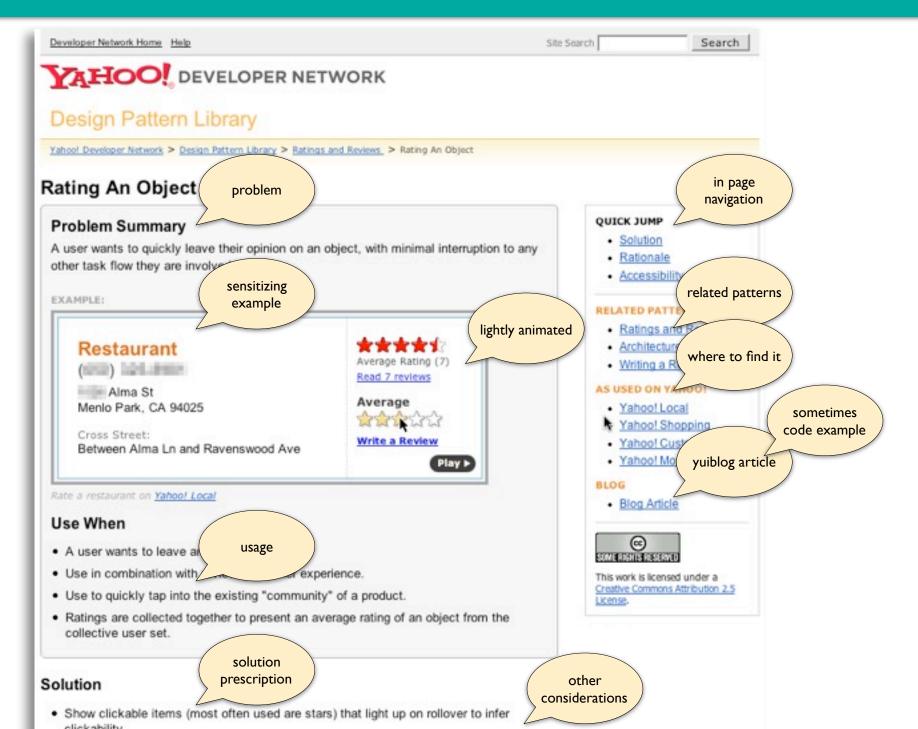
Yahoo! Pattern Library



Solution

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

Yahoo! Pattern Library



Designing Social Interfaces

Principles

cute name: Social to the Core

Fundamental Principles

- Design for Everyone
 - Deliberately Leave Things Incomplete
 - Pave the Cowpaths
 - Strict vs. Fluid Taxonomies
 - Palimpsest
- Talk Like a Person
 - Conversation
 - Self-Deprecating Error Messages
 - Ask Questions
 - Your vs. My
 - No Joking Around
- Be Open
- Be a Game
- The Ethical Dimension
- Cargo Cult (antipattern)
- Marketing
 - Monetize
 - Underpants Gnomes
- what other high-level principles are we missing?

Self

Engagement

cute name: You're Invited

Sign Up or Registration

Activities

cute name: Where's the Action?

Collecting

cute name: Hunters Gather

- Collecting
 - Saving
 - Favorites
 - Displaying
 - Add / Subscribe
- Tagging
 - Tag an Object
 - Find with Tags
 - Tag Cloud

Sharing

cute name: Potlatch

- Sharing
- Tools for Sharing
 - Bookmarklet
 - Share This
 - Activity Streams
- Direct Sharing
 - Send This
 - Casual Privacy
 - Share Application
 - Give Gift
- Public Sharing
 - Many Publics

Community

cute name: One of Us, One of Us"

Personal Connections

cute name: We Need to Talk"

- Relationships
 - Relationship terminology (friend, family, fan, follower, contact, colleague, connection, cohort)
 - Find People
 (Browsing for people / Friends of friends.

 Searching for people, Finding friends from Email or IM Buddy Lists, Recommendations)
 - Adding Friends
 - (Confirming Friendship, One-Way Following, Ignore Me)
 - Implicit & Explicit Relationships
 - Fans and Fame
 - Circle of Connections
 - Publicize Relationship
 - Unfriending



100+ patterns

Marriage

A needle in a haystack. A list contains enough ite

so that a user may find it difficult to locate the iten

Fluid OSDPL



Home > Design Patterns > All Design Patterns

Register

Quick and easy! Create patterns and join discussions on draft patterns! Go here to Register

Login

Already a member? Go here to Login now.

Browse Patterns

Content Management
Information Organization
Input Forms
Navigation
All Patterns

Comprehensive File Upload

Drag and Drop - Layout

Preview

Top Rated Patterns

All Design Patterns

Organization

Information

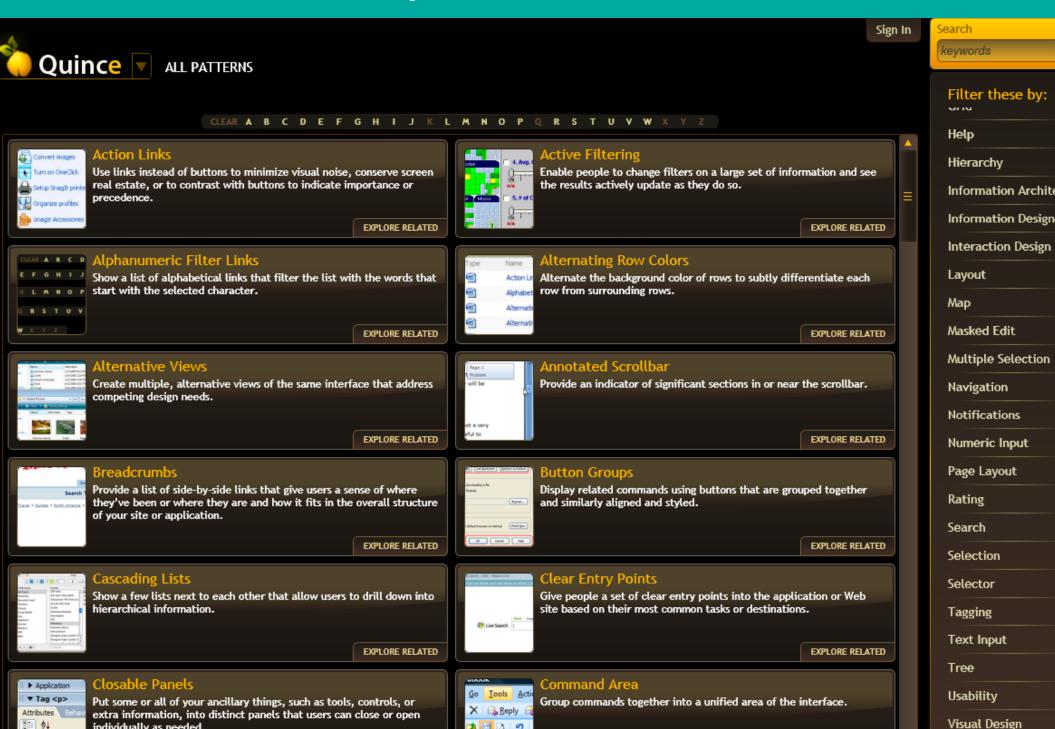
C	ategory	Pattern	Design Problem
B.000		Comprehensive File Upload	While interacting with a remote service, the user needs to upload one or more files, and would like to so without disturbing or leaving the current context of interaction.
	ontent anagement	Simple File Upload	The user needs to upload a single file and does no need any additional information or functionality during the upload.
- Control of the cont	formation rganization	Drag and Drop	The user needs a way to visually change the order manipulate the position of elements on the screen
Contraction of the last of the		Drag and Drop – Layout Preview	User needs a way to visually preview the new layou of a group of items after one item is dragged to a new position.
In	formation	Item Pagination	The user needs to view a large set of data that cannot easily be displayed in one chunk.

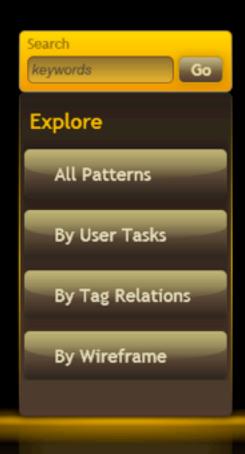
Accessibility Considerations

- Provide keyboard-only equivalents of mouse-based actions. Keyboard accessibility
 can be facilitated by providing keyboard-only equivalents of "drag and drop"
 functionality. Suggested keystrokes for applications are described in the
 sub-patterns.
- Describe how the feature works using the keyboard. A description of how the drag
 and drop operation works with the keyboard should be provided, i.e., "After
 selecting the object using the tab key, move the object by pressing 'Control' in
 combination with the relevant arrow key." Ideally, this information will be visible to
 all users, so that persons who are sighted but don't use a mouse will also benefit.
- Provide additional detail. Additional detail of how the feature works can be provided by users clicking on a nearby "i" or "?" button, i.e., "Objects replace the location of the existing item, causing it to move one cell over."
- Make Assistive Technology (AT) users aware of object positions. AT users must be
 made aware of the position of objects relative to one another. This can be done by
 placing objects within a borderless table, transparent to sighted users, but with
 column and row headings for persons using AT. They should also be told if the
 operation has been completed successfully. This message can be hidden from
 sighted users.
- Include correct <u>ARIA</u> role markup. Including correct ARIA role markup within your HTML is a way to ensure that Accessibility Technologies are able to interpret the layout and context of your DnD interface. Below is an example of ARIA markup for a draggable grid-cell. The cell is represented as an HTML DIV element, and the aaa: grab attribute specifies to ATs that the item is draggable.

```
<div rsf:id="scr=ignore" class="orderable" id="cell::13:"
xhtml10:role="wairole:gridcell"
aaa:selected="true"
aaa:readonly="false"</pre>
```

Quince Pattern Explorer



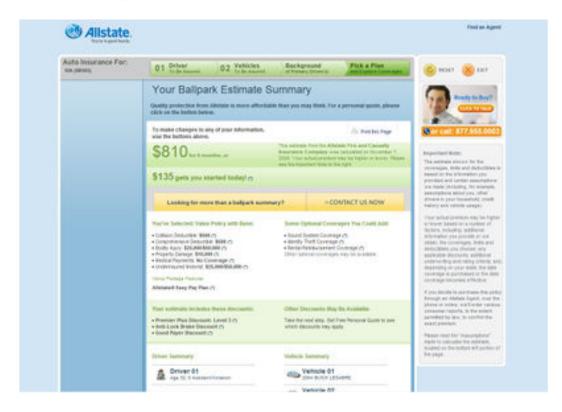


Blink Design Library

blink design library

Button Identity Disorder

A colleague sent me this example of "button identity disorder." (Click to see full-sized image)



Some buttons on this page are obvious, for example "Click to Talk." What is less obvious is the function of dimensional-looking yellow bar across the middle of the page. The first set of text ("Looking for more than a ballpark summary?") is not



About

<u>Blink Interactive</u> is a Seattle-based user experience consulting firm. Our design library is an informal collection of design examples with commentary.



Search



Categories

Add to Cart Alerts Back Bad Blog Browser Browser
Back Buttons Calendar Cancel Card Stack Clea
Button Confirmation Message Contextual Menu
Customize Dates Dialog box Downloading Downtime
Drag-and-drop Drop-down Menu Dynamic Dynamic
Menus Ecommerce Edit Email Entry
Suggestions Errors Expand/Collapse Fade Feature
comparison Feedback Field Help Fields Filmstrip
Navigation Filtering Floating page elements Fluid

Display Forms Frames Global Navigation

Hide/Show History Home page Inactive Page

PRENZLAUES

Information Design Patterns

Category Filter

Display Patterns

Proportions (2)

Hierarchies (2)

Networks (3)

Navigation (6)

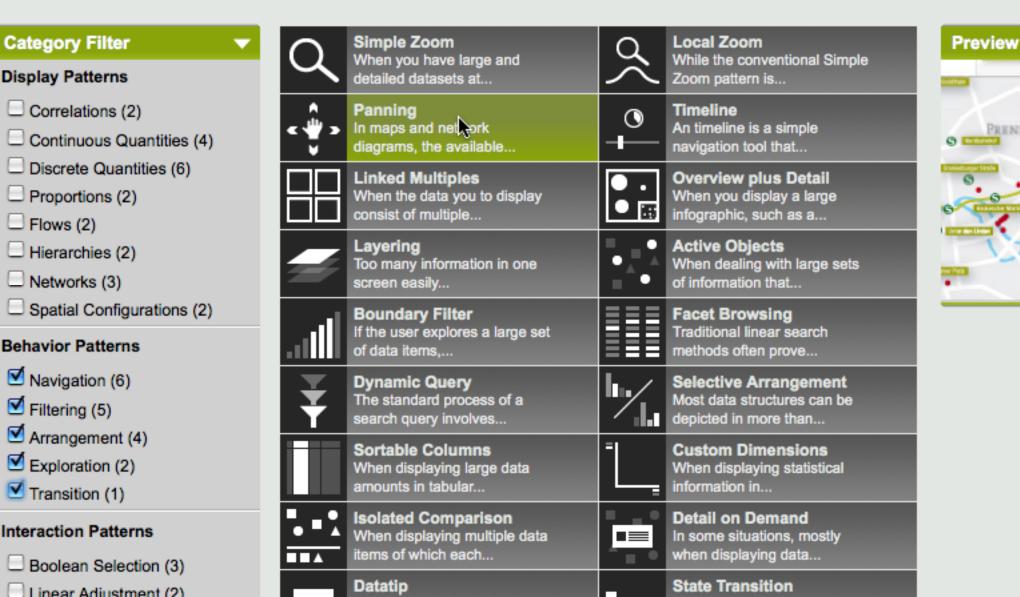
Transition (1)

Filtering (5)

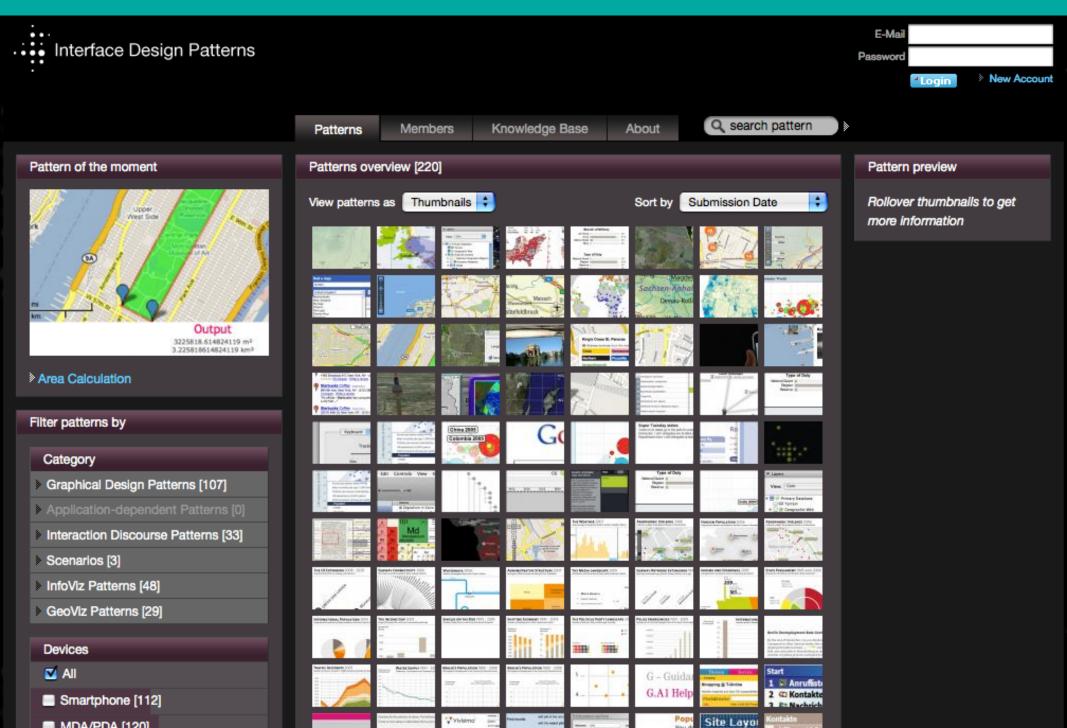
☐ Flows (2)

Patterns About Contact Community News

Pattern Overview



Interface Design Patterns



Search Patterns



findability.org

Search Patterns

I'm working on a new book (and talk) about the future of search, and I've created a seed collection of patterns and examples to support my research.



Site Search (Small)

1 set | Edit Mosaic



Enterprise

1 set | Edit Mosaic



2 sets | Edit Mosaic

Local Search



Site Search (Large)

2 sets | Edit Mosaic



Libraries

3 sets | Edit Mosaic



Mobile Search 1 set | Edit Mosaic



E-Commerce 2 sets | Edit Mosaic



Vertical Search

2 sets | Edit Mosaic



Spime Search 3 sets | Edit Mosaic



Web Search

3 sets | Edit Mosaic



Media Search

5 sets | Edit Mosnic



Advanced Search

2 sets | Edit Mosaic



Social Search

2 sets | Edit Mosaic



Personal

2 sets | Edit Mosaic



Auto-Suggest

2 sets | Edit Mosaic

UI Pattern Factory



UI Pattern Factory

Patterns

What?

Pattern Ideas

Feedback

Blog

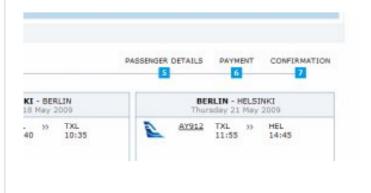
Fresh and Illustrative User Interface Design Patterns

UI Pattern Factory is a mix of user interface design pattern library and UI gallery. It is a place to find user interface best practices, get design inspiration, and share design solutions with others. Our patterns are always fresh with tons of examples, and you can easily add more using Flickr.

Check out also our Pattern Ideas-forum where you can suggest new patterns and vote on other users' ideas!

Wizard

Guide the user through a task with several steps by showing a clear path to completion.





Show a feedback message in context after successful action or if something went wrong.





: Refining Search



Type and Wait to Search

Tag Cloud

actions browsing buttons confirmation contextual-tools controls data visualization

doing-things edit

edit facets fill-in

finding-things

form

feedback

graphs grouping

headers

help

visual-design

information

information-architecture

information-design input-fields

inputs layout list-items lists live menu messages

navigation organization

organizing process progress scrolling search sections

selection-dependent-inputs

shopping showing-data

visual-hierarchy

validation

visual communication, wait

Ul Pattern Factory Flickr Pool



Share This 👘

UIPatternFactory.com

Group Pool Discussion 133 Members Map Invite Friends

Group Pool (263 items | Add photos or video)





























Ul Patterns.com Library



DESIGN PATTERNS

SCREENSHOT COLLECTIONS

USER SETS

BLOG

RESOURCES

Next >

DESIGN PATTERNS

Displaying recent design patterns 1 - 10 of 47 in total



Wizard

The user wants to achieve a single goal which consists of multiple dependable sub-tasks.



Adaptable View

You want to let the site's presentation of content fit the specific needs of the user. You want to let the site's presentation of content fit the specific needs of the user.



Image Zoom

The user wants to zoom in on an image to view the details in a higher image resolution.



Rate Content

The user wants to promote a specific piece of content in order to democratically help decide what content is of higher quality.



Input Feedback



Account

Pattern Tap

COLLECTIONS

45 Collections

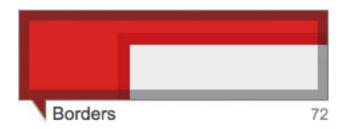


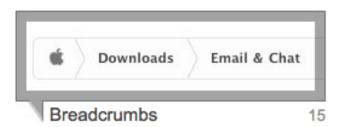




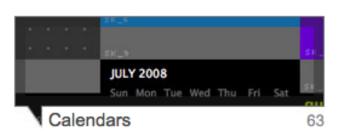
















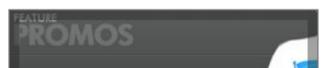




ntings, Amazing

fects of color tores.





roue and estrective collections for oil.

Figurative lining work, Figurative sketches, C colors, Some of the Cool Dade and Tight the spot Willage some effects of pencil, and swelfable.

many other too.

Konigi

KONIGI

HOME BLOG

Interface Design

SHOWCASE

Visual Design

TOOLS

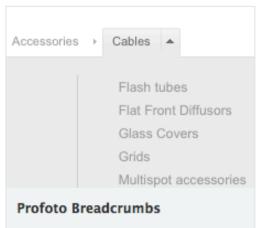
WIKI

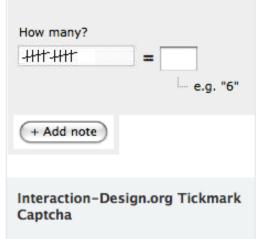
STORE

Wireframe & Storyboard Notep available now via Amazon.

New Featured Interfaces

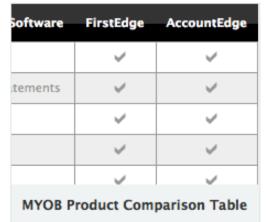
LATEST FEATURED SUBMISSIONS POPULAR TAGS TITLES (A-Z) POST AN INTERFACE



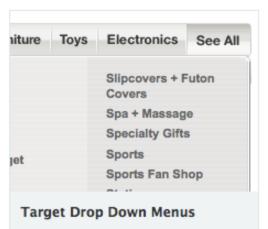














Flickr. Factory Joe

factoryjoe > Collections



Via.

the web.

Design Patterns

Reuse, recycle, but don't reinvent the

by Brian Christiansen at UI Engineering.

interfaces and design flows from across

This collection captures findings of consistent, unique or interesting

wheel unless necessary.

4:04

404

151 photos



Adding Friends

86 photos



Alerts, Messages

132 photos



Blog editors 4 photos



Calendar Views

13 photos



Drag'n'drop Interfaces

20 photos



Comment Form Design **Patterns**



Footers

81 photos



Friend Request Messages

123 photos



Headers

141 photos



Login Forms

484 photos



Navigation

14 photos



Pagination

16 photos



Privacy, Publicity and...

29 photos



Shopping & Checkout

59 photos



Tab Design **Patterns**

228 photos

Flickr. Design Solutions

guspim > Collections > [Design]



[Design Solutions]

I've a confession to make: I'm addicted to screenshots, it is stronger than me, I can't help it...

I'm a user experience designer focused on making the Web a better place.

The two main projects being developed at my company - Enough Pepper - are Survs, an online survey tool, and xSort, a card sorting application running on Mac OS X.

Digital ID

Blog Enough Pepper Survs xSort Linkedin Twitter guspim store More...



[404] 40 photos



[Bars] 14 photos, 1 video



[Autocomplete]
4 photos



[About pages] 62 photos



[Buttons] 128 photos



[Breadcrumbs]
18 photos







Flickr. ui/ux collection

soxiam · Sets

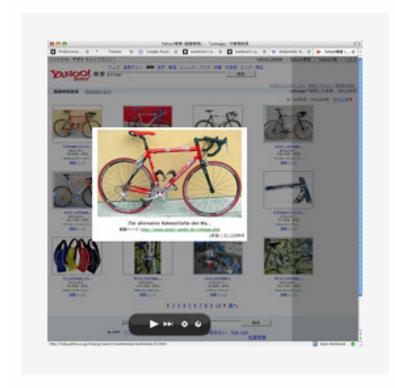
Slideshow ___



Share Thi

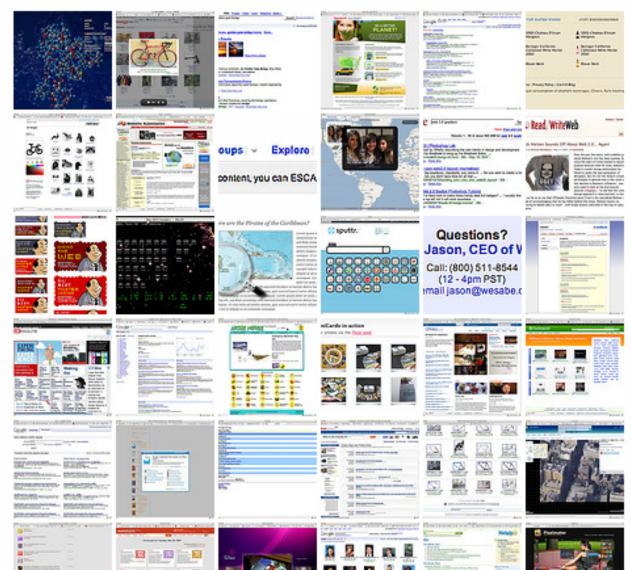


Thumbnails Detail Comments



680 photos | 2,307 views | Add a comment?

items are from between 16 Mar 2007 & 11 Jun 2007.



Flickr. Xian Collection

xian > Collections



Pattern Gallery

Screenshots of examples of interaction design patterns for the Yahoo Pattern Library (YPL)



Terms of Service

3 photos



Carousel 28 photos



Vote to Promote

8 photos



Reputation 1 photo



Sign in to Participate

1 photo

Flickr. DWI Book Figures

Designing Web Interfaces > Collections



DWI: Figures from the Book

This collection contains all of the figures (565 images) from the <u>Designing Web</u>
<u>Interfaces: Principles and Patterns for</u>
<u>Rich Interaction</u> published by <u>O'Reilly</u>
<u>Media by Bill Scott and Theresa Neil.</u>

This material is available for your presentations or other derivative works provided you respect the <u>Creative</u> <u>Commons license</u> and provide attribution to this work.

An attribution usually includes the title, author, publisher, and ISBN. For example:

"Designing Web Interfaces, by Bill Scott and Theresa Neil, Copyright 2009 Bill Scott and Theresa Neil, 978-0-596-51625-3."







Principle One -Make it Direct

4 photos



Chapter 3 -Direct Selection

31 photos





Chapter 1 -In-Page Editing

41 photos



Principle Two -Keep it...

6 photos





Chapter 2 -Drag and Drop

76 photos



Chapter 4 -Contextual Tools

50 photos



Flickr. DWI Screencasts

Designing Web Interfaces > Collections



DWI: Supporting Screencasts

For many of the figures it is helpful to see the actual interface in action. This collection contains screencast movies for some of the figures in the book. Additional screencasts that serve as examples for the chapter are also included.



Chapter 1 (SC)
- In Page...

28 videos



Chapter 6 (SC)
- Inlays

10 videos



Chapter 2 (SC)
- Drag and

Drop

1 photo, 37 videos



Chapter 7 (SC)
- Virtual Pages
39 videos



Chapter 3 (SC)

- Direct...

5 videos



Chapter 8 (SC)

- Process Flows

15 videos



Chapter 4 (SC)

- Contextual...

61 videos



Chapter 9 (SC)

- Static...

6 videos



Chapter 5 (SC)

- Overlays

36 videos



Chapter 10 (SC) -Dynamic...

14 videos

Designing Web Interfaces Site



Designing Web Interfaces

Principles and Patterns for Rich Interaction

All of the examples from the book are available on our companion flickr site. Below are the six design principles that organize the design patterns and best practices found in the book.



Direct











Use Transitions

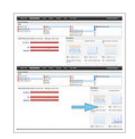
Animations, cinematic effects, and various other types of visual transitions can be powerful techniques to enhance engagement and communication.

Chapter 11. Transitional Patterns



Brighten/Dim
Change focus by brightening and dimming items.

Chapter 12. Purpose of Transitions



Slide In/Slide Out Expose a slide out overlay.



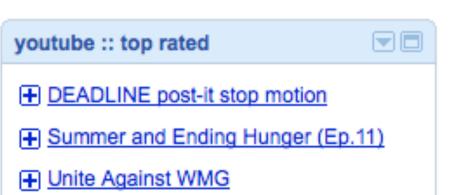
Expand/Collapse
Transitions to open and close items.



Faceplate

Cross-fade between a main screen and configuration panel.







Stock Market



- <u>▼ Top 5 Energy-efficient Computers</u>
- Fact or Fiction: Fight it Out!
- <u>▼ Today's Video- CNN s First Broadcast</u>

Slashdot

- Publishers Pressuring MS To Push Indies From Xbox Live?
- Online Forum Leads To Hostile
 Workplace Lawsuit
- Red Hat Is Now Part of the S&P
 500

BBC News | News Front Page | World Edition

- Fugitive linked to Jakarta blasts
- Tour de France spectator killed

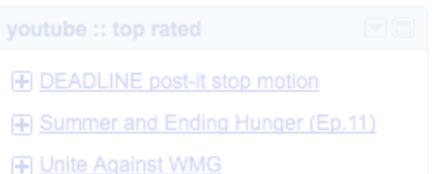
NYT > Home I

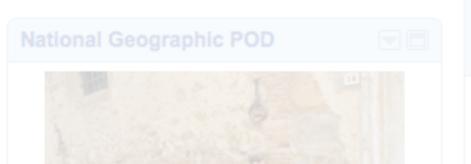
- News Anal
 - News Anal as Health Bill
 - <u>→ Drivers Dis</u>
 the Road
 - An Apprais Approachable
 - Media Dec the YouTube (
 - Media Dec Walter Cronkit
 - Media Dec Reflect on Cro
 - Crime Drog Lean Times
 - Congression
 Powerbrokers

Top Stories

Bombinas, bus





















Drivers Dis the Road

An Apprais

→ Media Dec

Media Dec

Media Dec Reflect on Cro

Crime Drog

Congression

+ Publishers Pressuring MS To Push Indies From Xbox Live?

Top 5 Energy-efficient Computers

Today's Video- CNN s First Broadcast

Fact or Fiction: Fight it Out!

- Online Forum Leads To Hostile Workplace Lawsuit
- Red Hat Is Now Part of the S&P

- Fugitive linked to Jakarta blasts
- Tour de France spectator killed

Principles for Designing Rich Interfaces

Six Design Principles

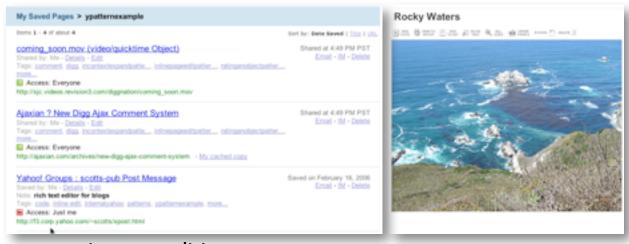
- Make It Direct
- Keep It Lightweight
- Stay on the Page
- Provide Invitations
- Use Transitions
- React Immediately

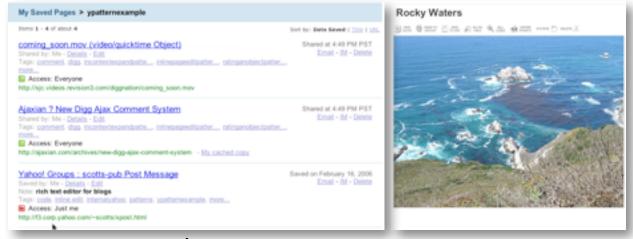


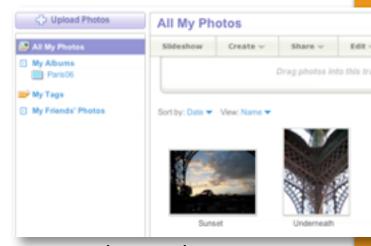


Make It Direct

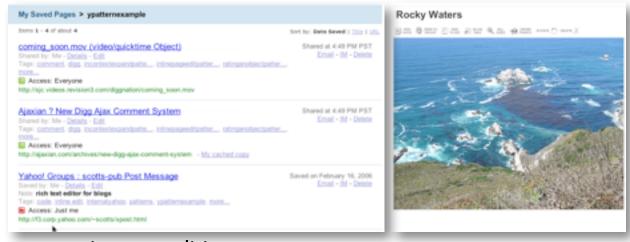


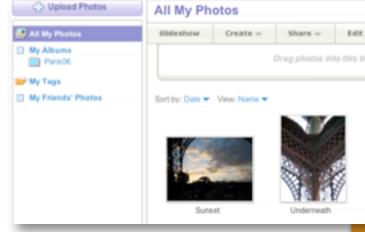




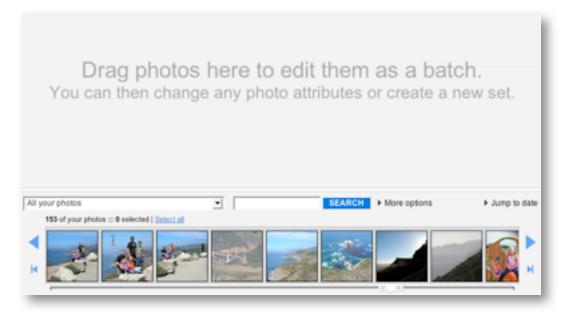


pattern. direct selection

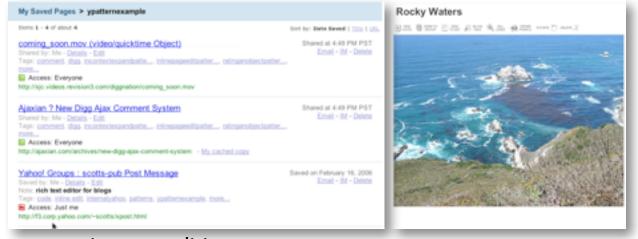


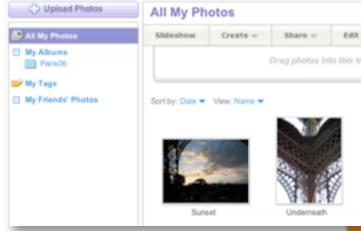


pattern. direct selection



pattern. drag and drop.





pattern. in-page editing.

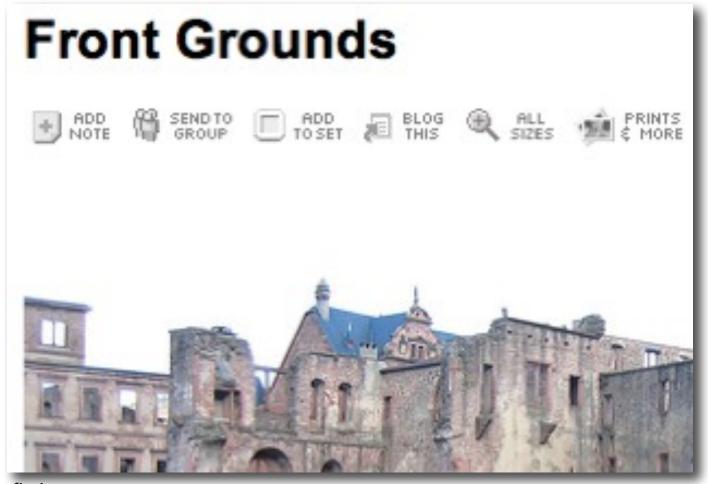
pattern. direct selection



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 Email - IM - Delete Shared by: Me - Details - Edit 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 Email - IM - Delete Shared by: Me - Details - Edit Tags: comment, digg, incontextexpandpatte..., inlinepageeditpatter..., ratinganobjectpatter..., more... Access: Everyone http://ajaxian.com/archives/new-digg-ajax-comment-system - My cached copy Yahoo! Groups: scotts-pub Post Message Saved on February 16, 2006 Email - IM - Delete Saved by: Me - Details - Edit Note: rich text editor for blogs Tags: code, inline edit, internalyahoo, patterns, vpatternexample, more... Access: Just me http://f3.corp.yahoo.com/~scotts/xpost.html

y! bookmarks

discoverability



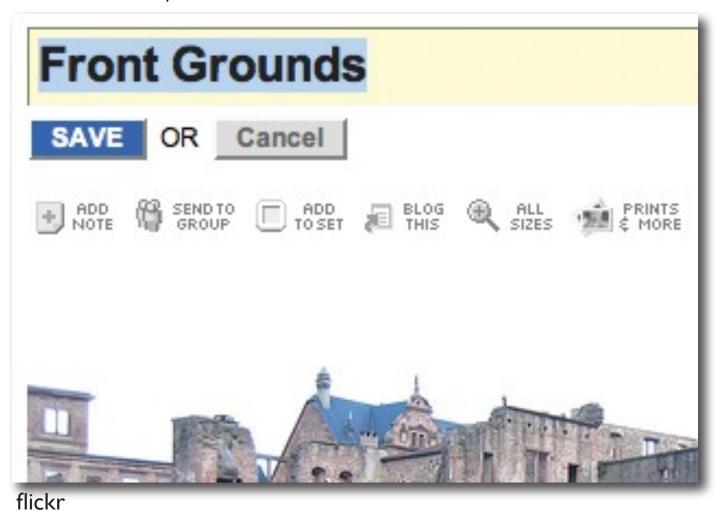
flickr

discoverability

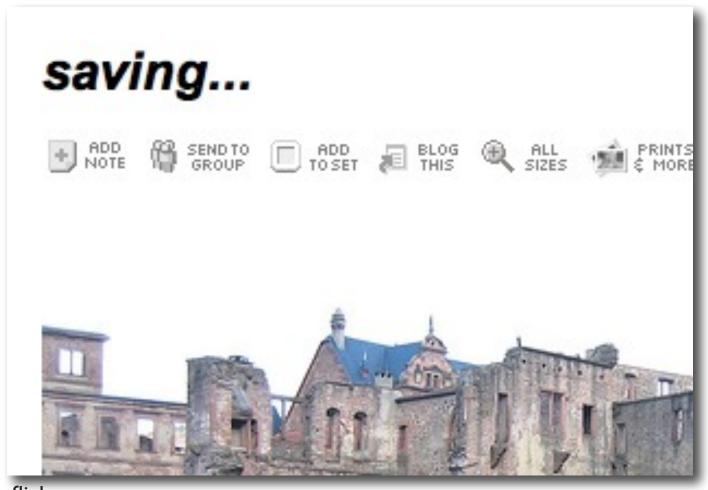


flickr

discoverability



discoverability



flickr

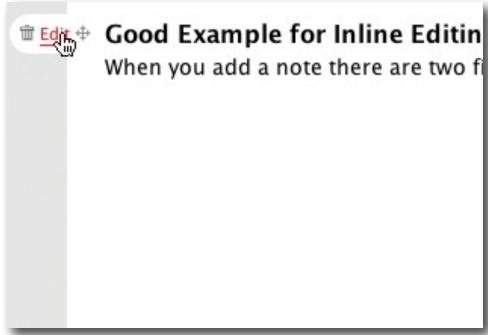
discoverability
complex editing
blending modes



A kiss is a lovely trick designed by nature to stop speech when words become superfluous.

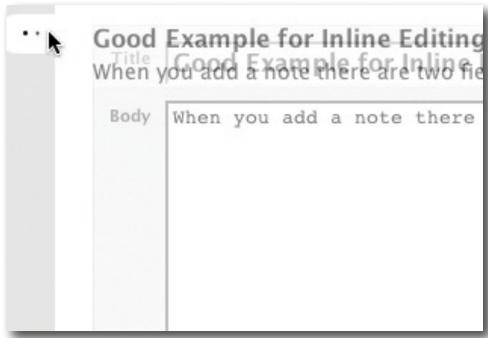
considerations

discoverability
complex editing
blending modes



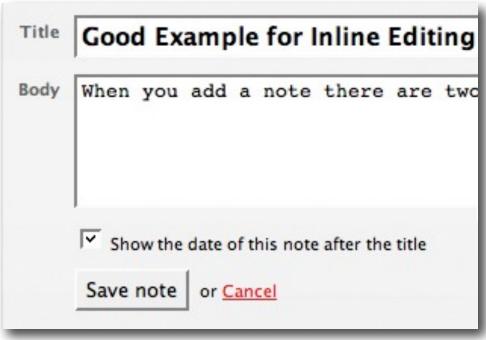
considerations

discoverability complex editing blending modes



considerations

discoverability complex editing blending modes



considerations

discoverability
complex editing
blending modes

Good Example for Inline Editing

When you add a note there are two fiel This would also work well for more cor such as pick a date range or and advan

discoverability
complex editing
blending modes

Good Example for Inline Editing

When you add a note there are two fiel This would also work well for more cor such as pick a date range or and advan

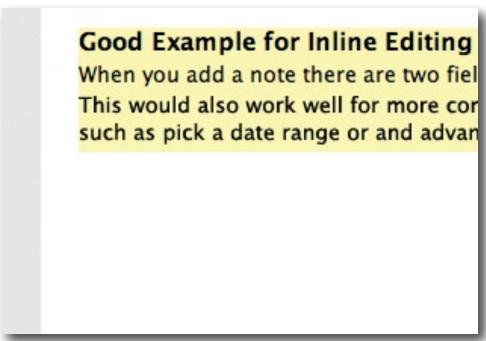
backpackit. complex inline editing

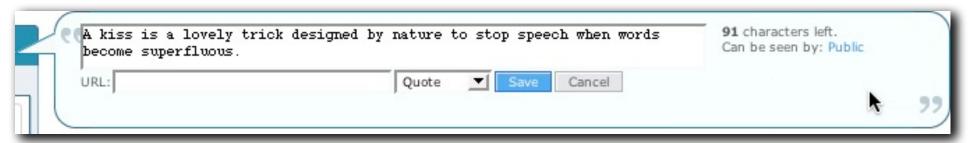
A kiss is a lovely trick designed by nature to stop speech when words become superfluous.

Yahoo! 360 blast. blending display & edit modes

considerations

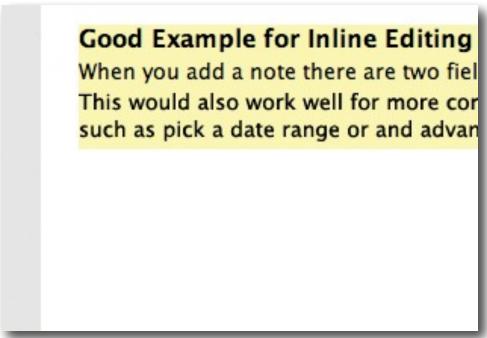
discoverability complex editing blending modes





Yahoo! 360 blast. blending display & edit modes

discoverability complex editing blending modes





Yahoo! 360 blast. blending display & edit modes

discoverability complex editing blending modes accessibility

Additional Information

- C All rights reserved (edit)
- Place this photo on a map
- Taken with a Canon PowerShot SD450.
 More properties
- Taken on November 5, 2007 (edit)
- See different sizes
- Photo stats
- Viewed 7 times (Not including you)
- Edit title, description, and tags
- Remace this photo

discoverability
complex editing
blending modes
accessibility

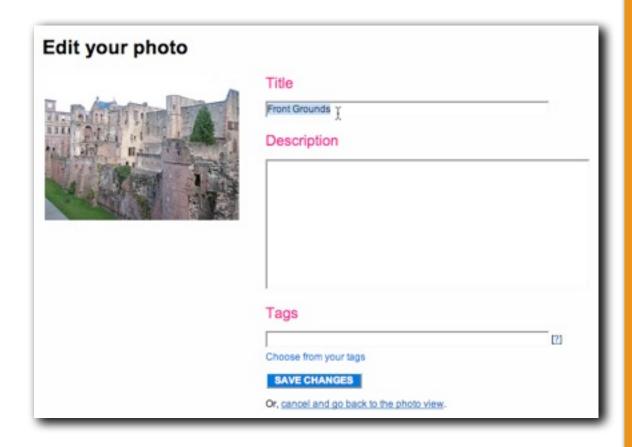
Additional Information

- C All rights reserved (edit)
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 More properties
- Taken on November 5, 2007 (edit)
- See different sizes
- Photo stats
- Viewed 7 times (Not including you)
- Edit title, description, and tags
- Remace this photo

flickr. alternate edit path

considerations

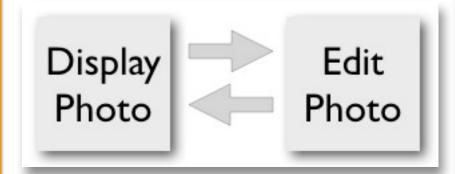
discoverability complex editing blending modes accessibility

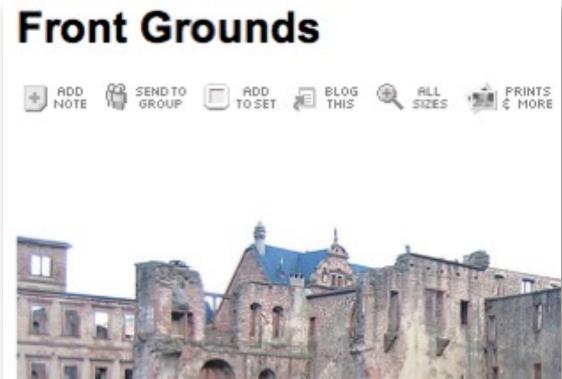


flickr. alternate edit path

Guidelines

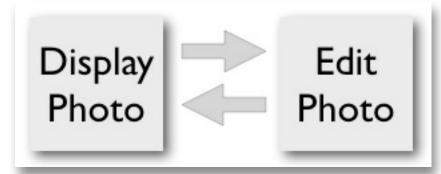
Allow input wherever you have output Shorten the length of interaction Make objects directly actionable

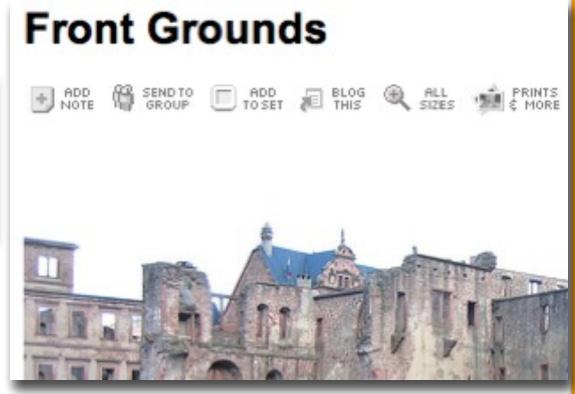




Guidelines

Allow input wherever you have output Shorten the length of interaction Make objects directly actionable

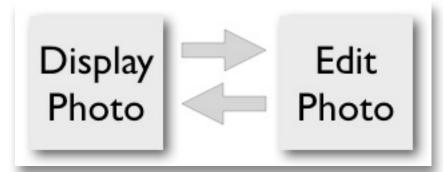




Flickr

Guidelines

Allow input wherever you have output Shorten the length of interaction Make objects directly actionable

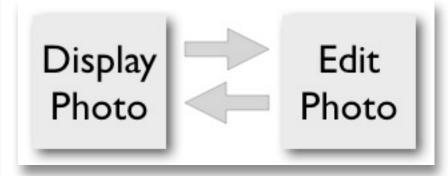


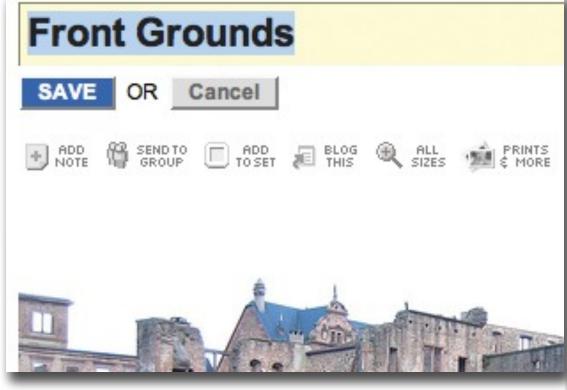


Flickr

Guidelines

Allow input wherever you have output Shorten the length of interaction Make objects directly actionable

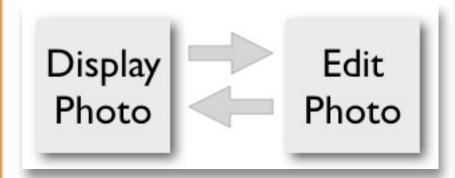


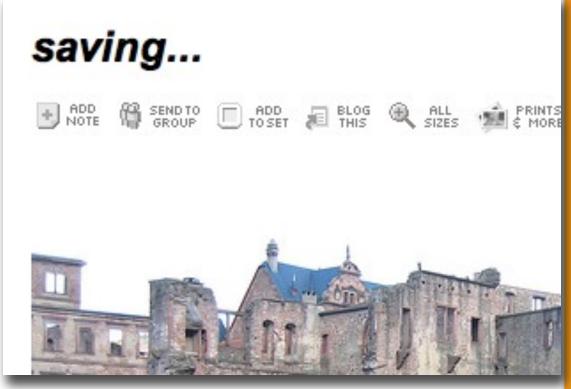


Flickr

Guidelines

Allow input wherever you have output Shorten the length of interaction Make objects directly actionable



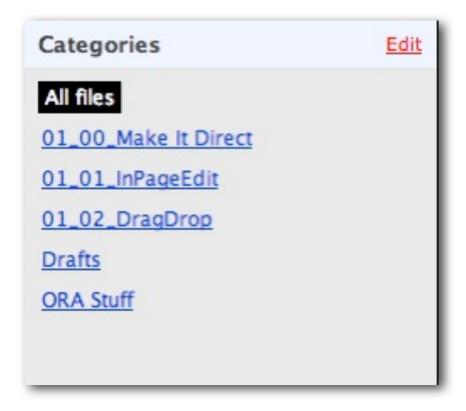


Flickr

group editing

symmetry of interaction discoverability vs readability





group editing



iPhone. non-symmetrical; readability

group editing symmetry of interaction discoverability vs readability



iPhone. non-symmetrical; readability

group editing

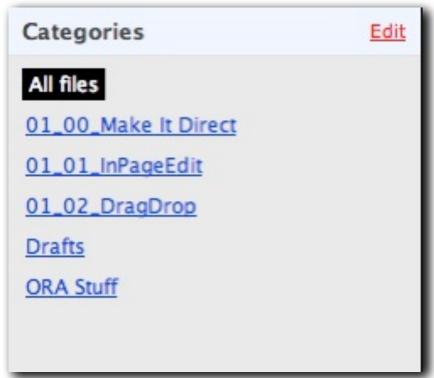


iPhone. non-symmetrical; readability

group editing



iPhone. non-symmetrical; readability



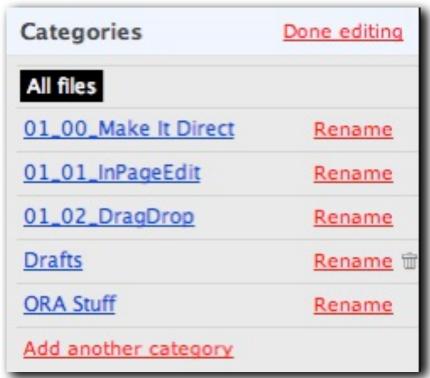
basecamp. symmetry of interaction

Make It Direct. In-Page Editing.

group editing



iPhone. non-symmetrical; readability



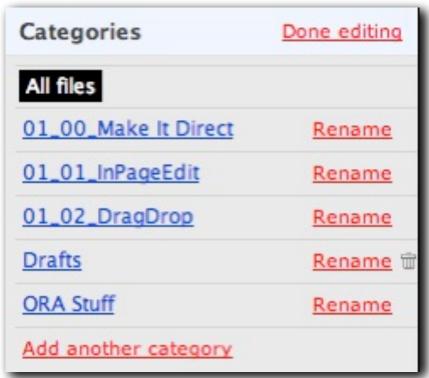
basecamp. symmetry of interaction

group editing

symmetry of interaction discoverability vs readability



iPhone. non-symmetrical; readability



basecamp. symmetry of interaction

"If readability is more important than editing then keep the editing action hidden until the user interacts with the content."

Anti-Pattern. Non-Symmetrical Interaction.

Activation

Mouse hover

De-Activation

Locate close button

Click small target

Anti-Pattern. Non-Symmetrical Interaction.

Activation

Mouse hover

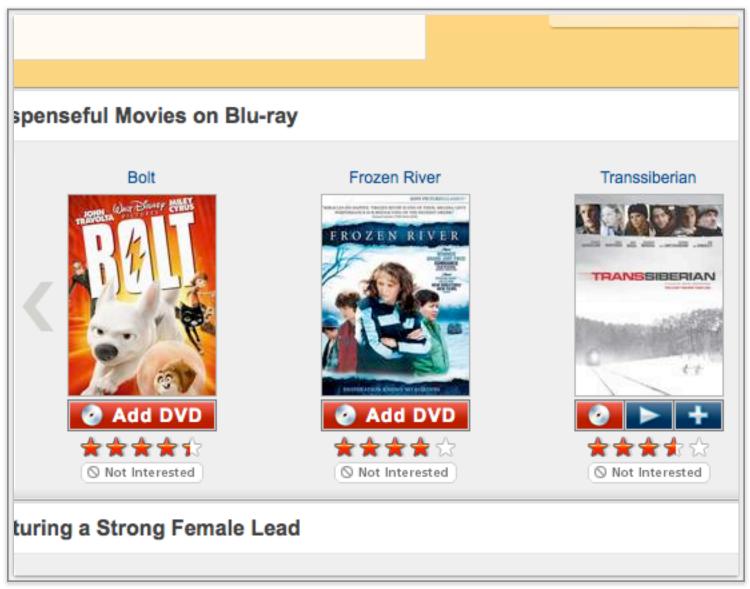
De-Activation

Locate close button Click small target

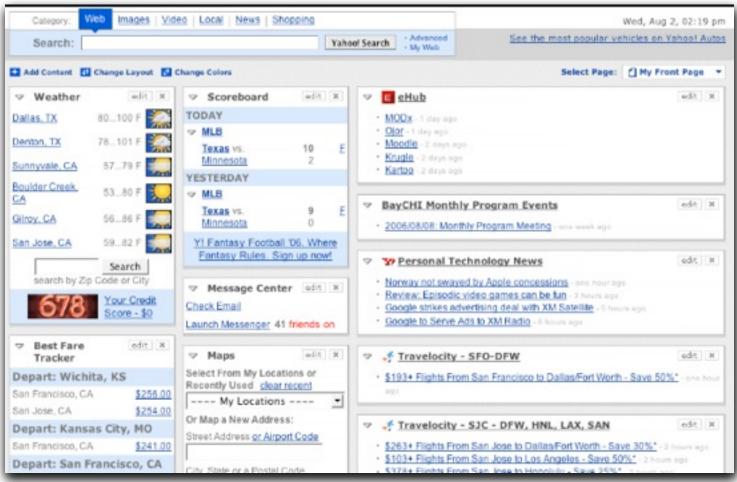
To see a product preview in action, hover over the link below. Ray!: Original Motion Picture Soundtrack amazon.com Close Forty Associates recently adde e beta, visitors to Ray!: Original Motion Picture Soundtrack Buy Now Associate sites who viewed a r ks resulted in a by Ray Charles purchase nearly 6% of the tim New: \$12.97 100 new & used from \$8.97 Usually ships within 24 hours s who refer a sale Now we're opening the beta u Average Customer Review: **** through a product preview-en w Associates in beta testing product previews. Privacy Information Don't worry if you don't alreac art of the sign-up process. Click here for answers to questions you might have about the beta program.

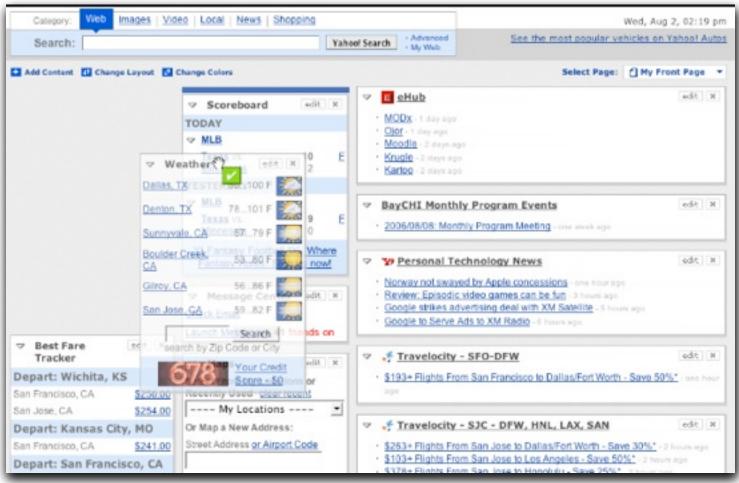
Amazon. Associates Widget.

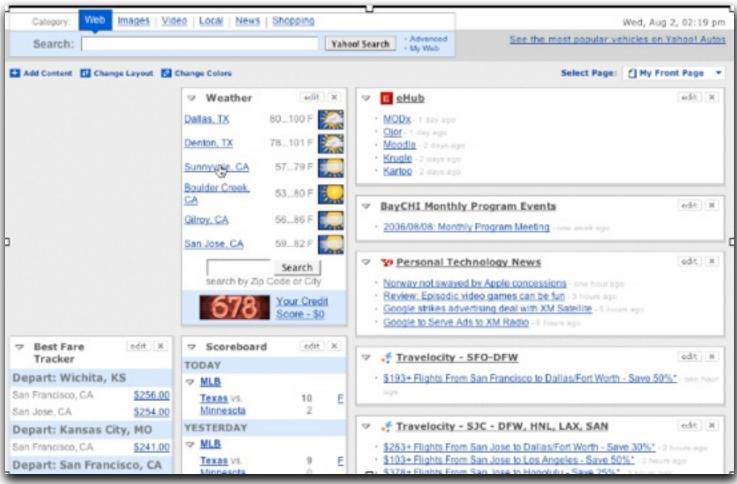
Refactored. Non-Symmetrical Interaction.

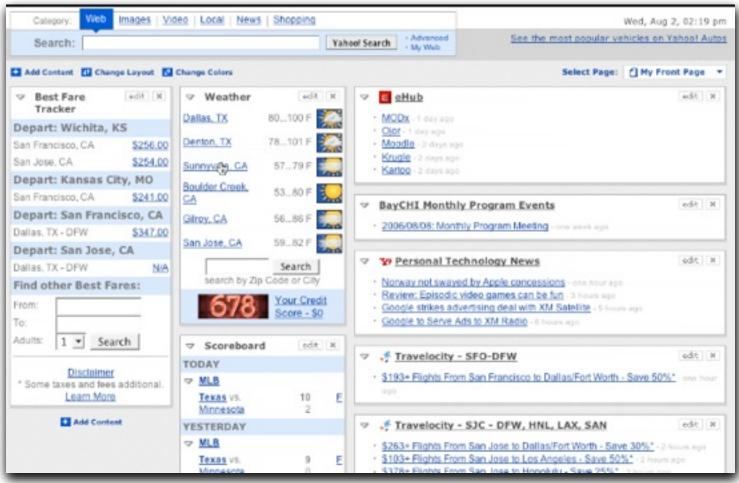


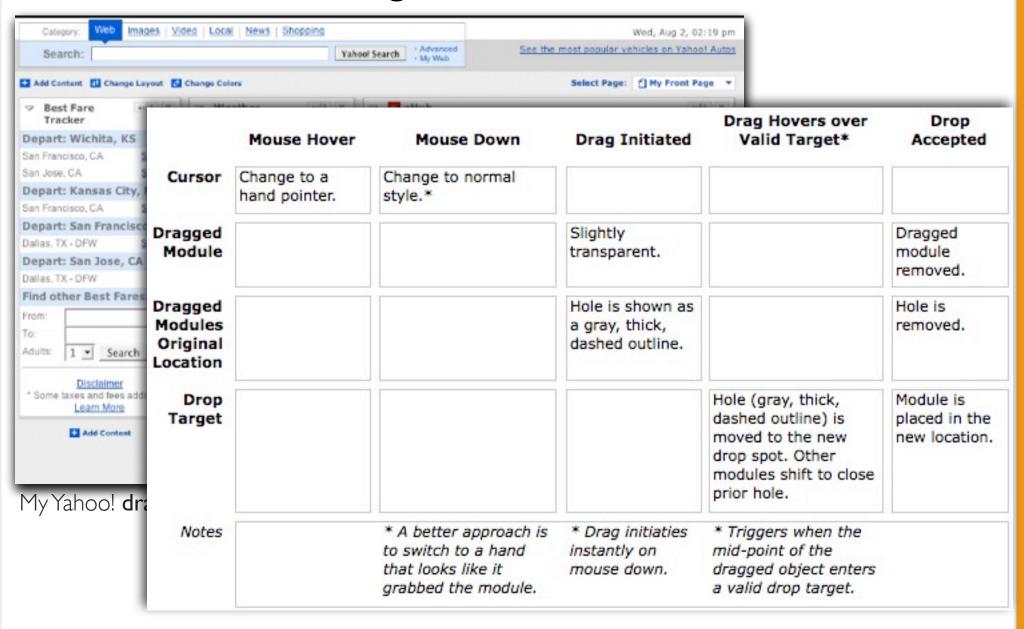
Netflix. Symmetrical Interaction

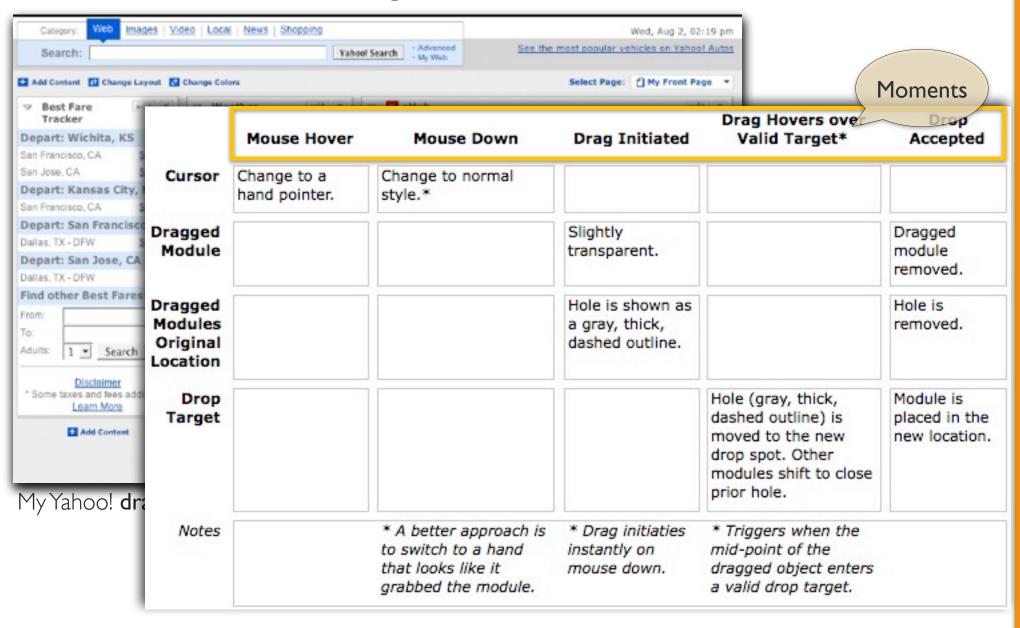


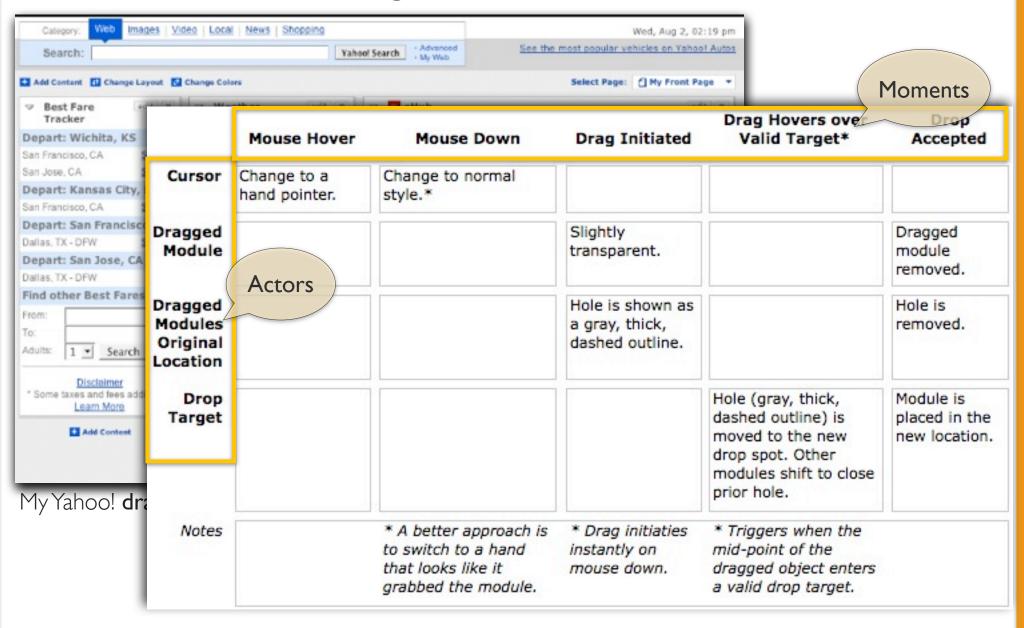


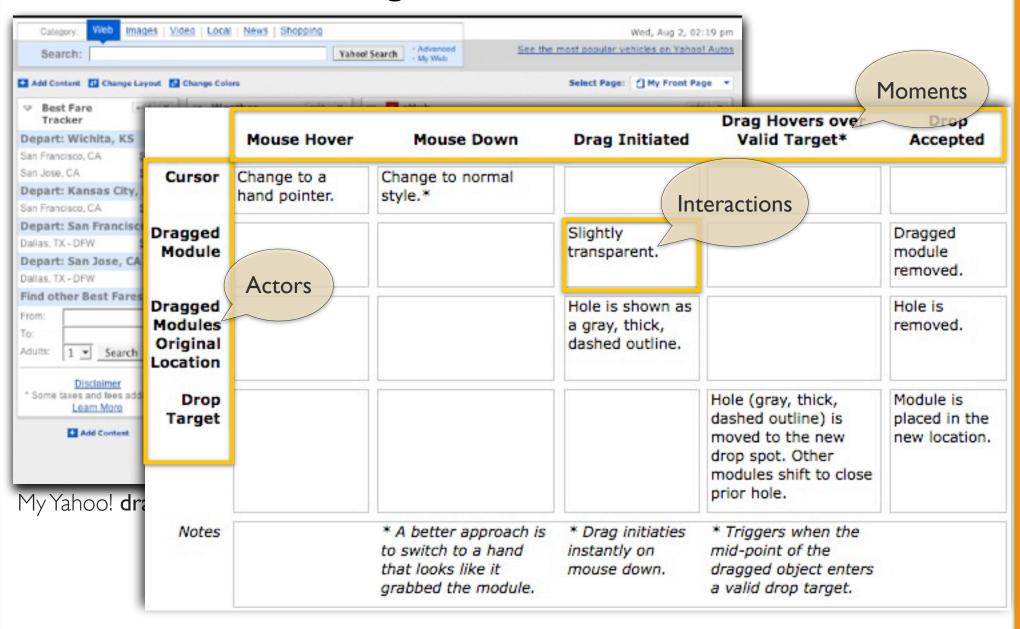












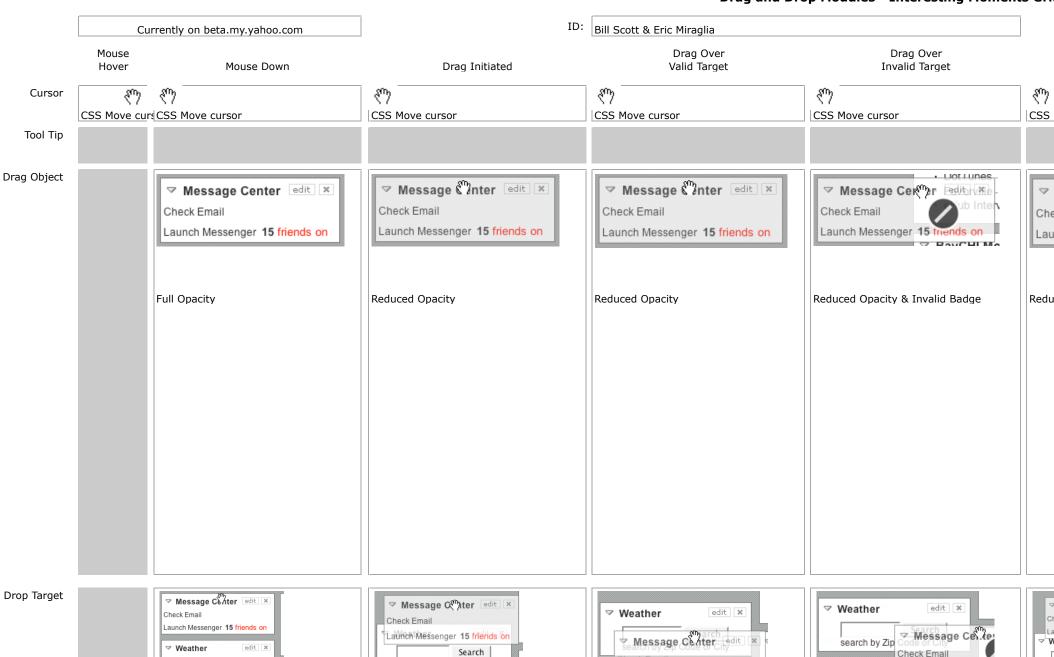
Drag and Drop Modules - Interesting Moments Gri

Check Email

No insertion bar, just a gap

Launch Messenger 15

No ir



Launch Messenger 15 friends on

Insertion bar showing where it will drop

search by Zip Code or City

Add Content

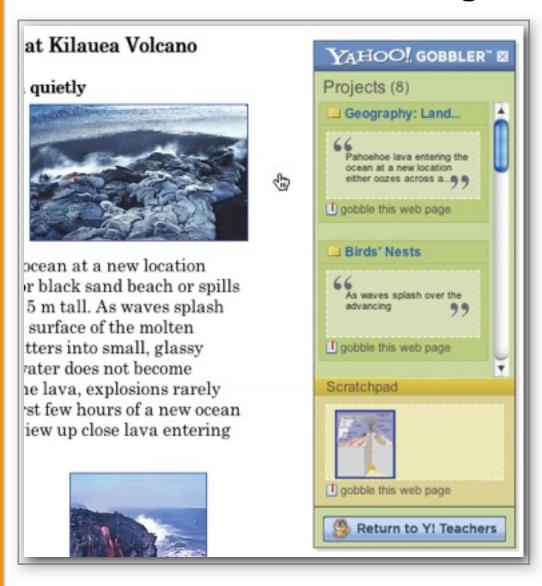
No insertion bar, just a gap

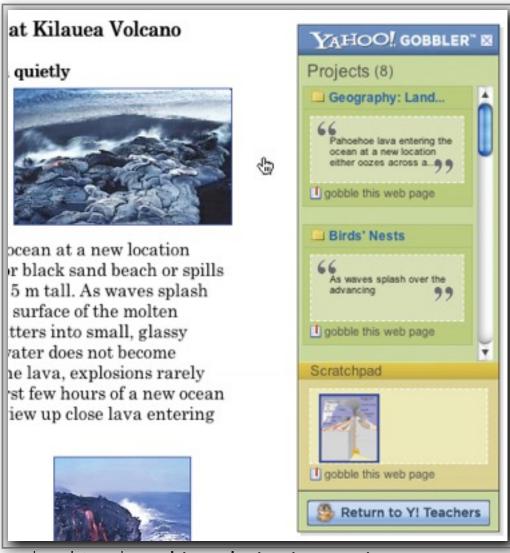
My Yahoo! drag and drop

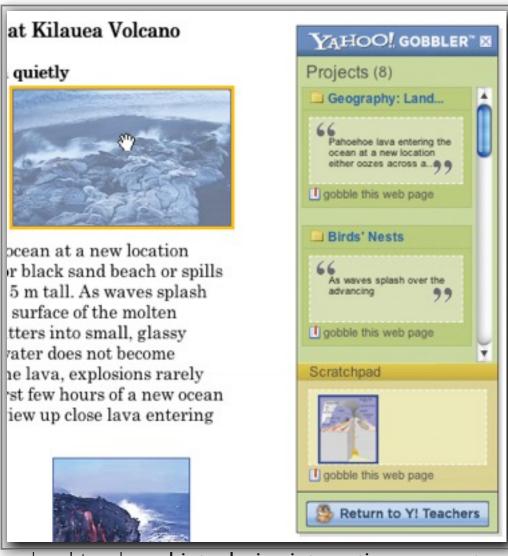
Search

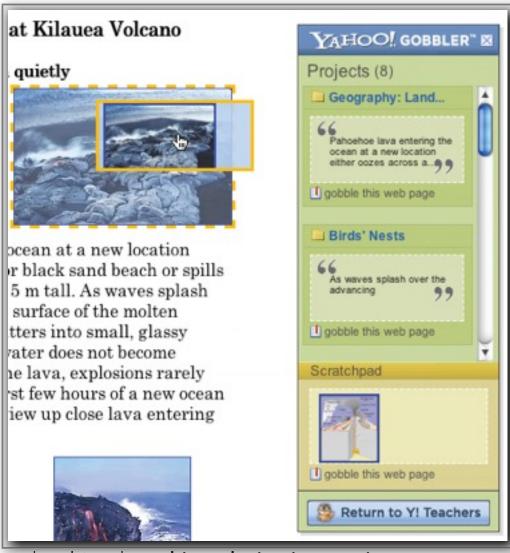
search by Zip Code or City

Add Content No insertion bar, just a gap



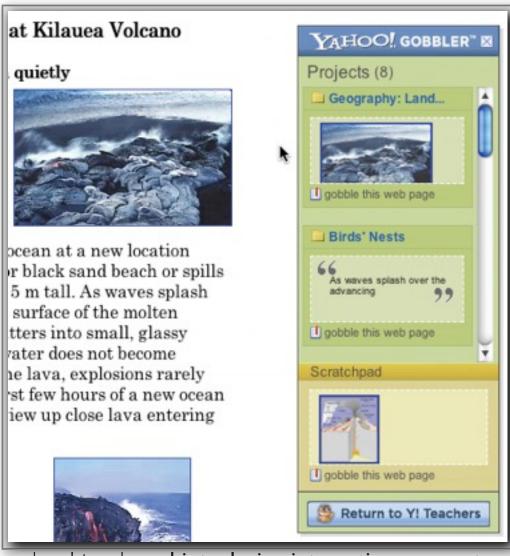








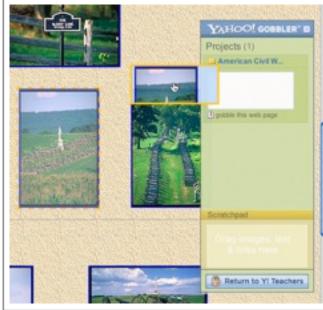
yahoo! teachers. hints during interesting moments



Make It Direct. Drag and Drop.

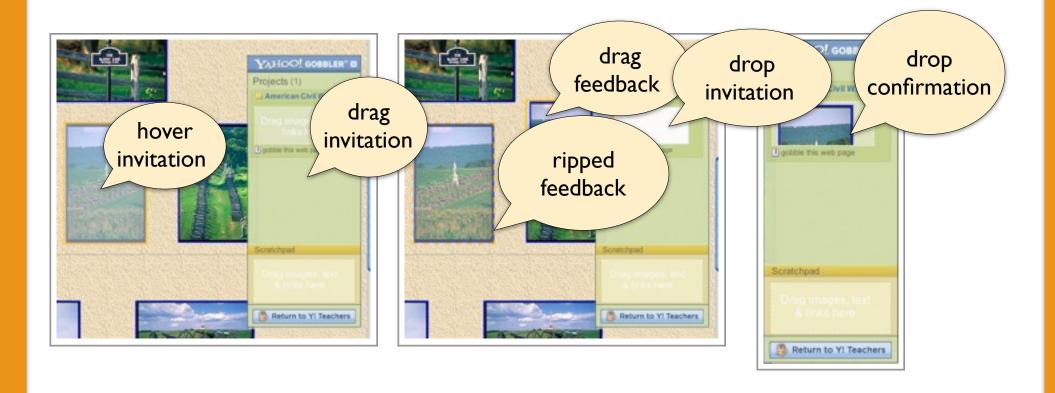
Interesting moments







Interesting moments



summary

Incorrectly constructing a user experience around drag and drop. Usually consists of creating interface elements that only exist for the sake of drag and drop.

examples

Using drag and drop for simple attribute setting

Drag and drop for marking favorites



Don't construct an artificial interface for drag and drop

Drag and drop for marking favorites

Don't construct an artificial interface for drag and drop

Drag and drop for rating DVDs

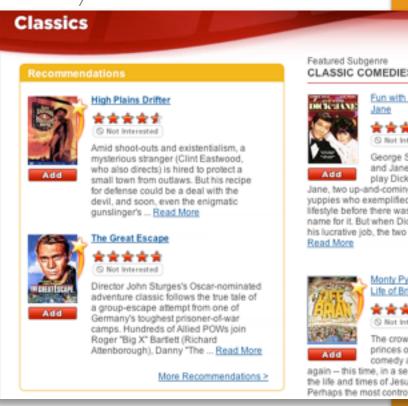


Drag and drop for marking favorites

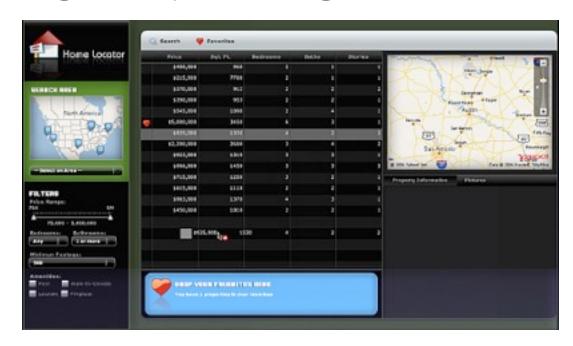
Don't construct an artificial interface for drag and drop

Drag and drop for rating DVDs





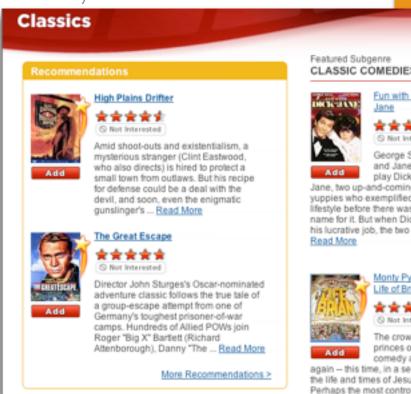
Drag and drop for marking favorites



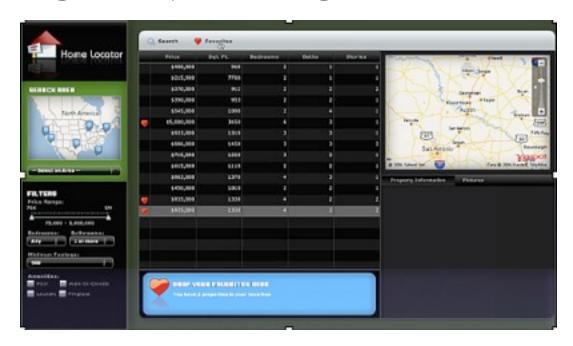
Drag and drop for rating DVDs



Don't construct an artificial interface for drag and drop



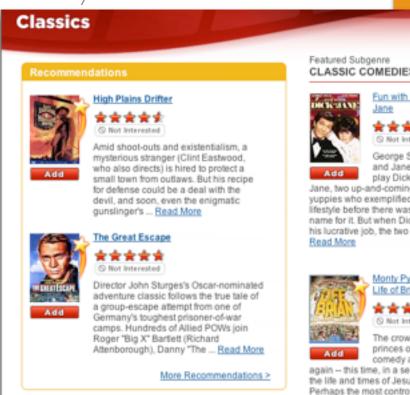
Drag and drop for marking favorites



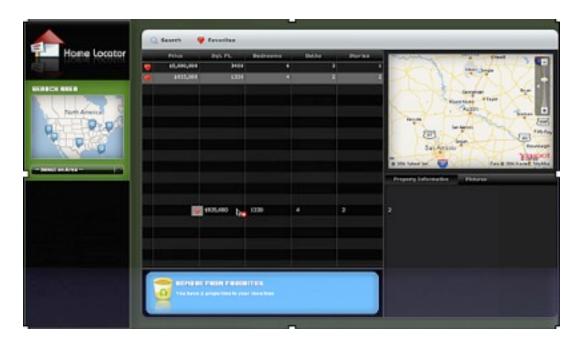
Drag and drop for rating DVDs



Don't construct an artificial interface for drag and drop



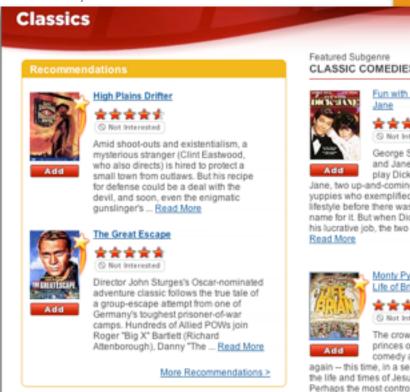
Drag and drop for marking favorites



Drag and drop for rating DVDs



Don't construct an artificial interface for drag and drop



summary

Making key interaction points too small increases the likelihood that users will be frustrated with the interface.

Fitts' law

The time to acquire a target is a function of the distance to and size of the target.

examples

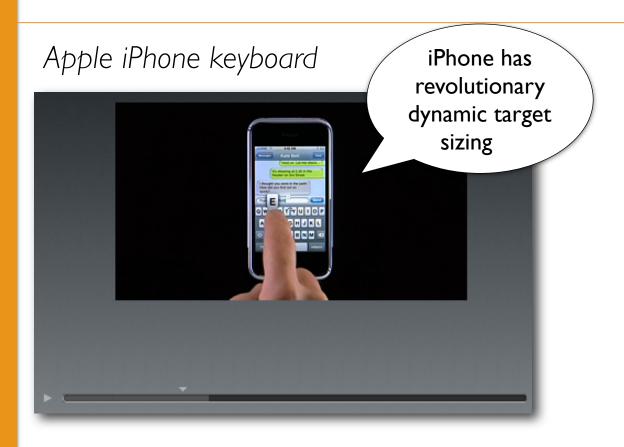
divots for expand/collapse

Anti-Pattern. **Tiny Target.**

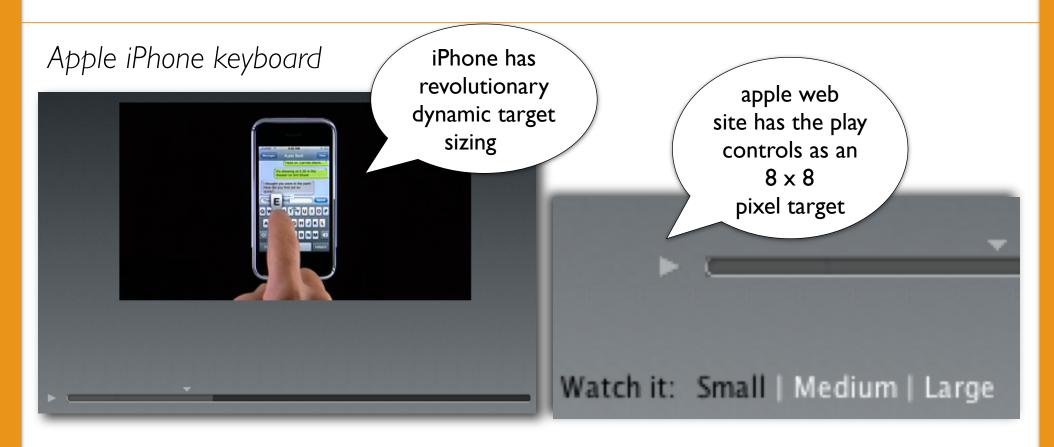
Apple iPhone keyboard



Anti-Pattern. Tiny Target.



Anti-Pattern. Tiny Target.

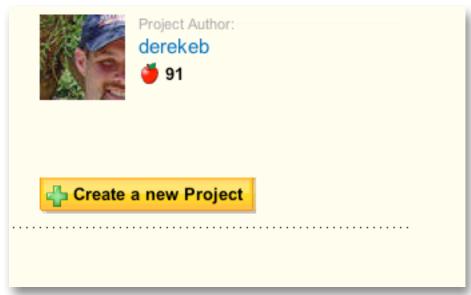


The identity card area has a summary view and an expanded view.



y! teachers. anti-pattern. tiny target

The identity card area has a summary view and an expanded view.



Divot for expand/collapse is hidden Shown on picture hover only

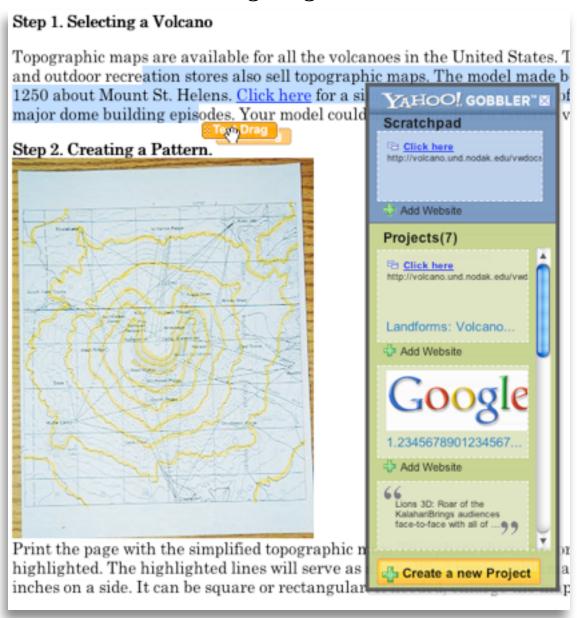


Divot is small (8x8)

y! teachers. anti-pattern. tiny target

Issue: small text drag target

Issue: small text drag target



Issue: small text drag target

Step 1. Selecting a Volcano

Topographic maps are available for all the volcanoes in the United States. T and outdoor recreation stores also sell topographic maps. The model made b 1250 about Mount St. Helens. Click here for a si

Step 2. Creating a Pattern.

Step 2. Creating a Pattern.

Step 2. Creating a Pattern.

Light Drag

Science for a changing world

Hawaiian Volcano Observatory

Kilanea

Mauna Loa

Earthquakes

Other Volcanoes

oleanie azards

Types
-Lava
Zones

Print the page with the simplified top

highlighted. The highlighted lines wi inches on a side. It can be square or re

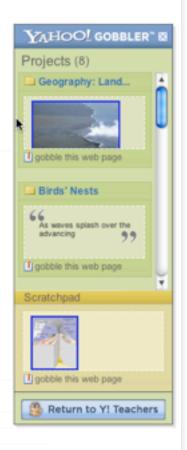
Volcanie Hazards

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



Photograph by C. Heliker on November 12, 1992.

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



Activation targets and important commands need to be **large enough**, **visually distinct** and in **proximity** to operation.

Use contextual tools to support proximity.

Use "Call to Action" style buttons for most important operations.

If titles will expand/collapse, at least **use hyperlink** underline when hover happens to provide a bigger target.

Never use 8x8 for targeting

Exercise I

It's a Drag

It's a Drag. Netflix Queue

It's a Drag. Netflix Queue

DV	D (286)						Update DVD Qu	ieue
List O	rder	Movie Title	Instant	Star Rating	Genre	Expected Availability	Disc Format	Remove
1		Battlestar Galactica: Season 3: Disc 6		Series	Television	Now	DVD	×
2	ТОР	Iron Man		***	Action & Adventure	e Now	Blu-ray 🗘	×
3	TOP	Cracking the Code of Life: Nova		****	Documentary	Now	DVD	×
4	TOP	MST3K: Mixed-Up Zombies		****	Television	Very Long Wai	t DVD	×
5	TOP	Beowulf: Director's Cut		★★☆☆☆	Sci-Fi & Fantasy	Now	Blu-ray 🔹	×
6	TOP	A Colbert Christmas		****	Comedy	Now	DVD	×
7	TOP	Recount		***	Drama	Now	DVD	×
8	TOP	Saints and Soldiers		****	<u>Drama</u>	Now	DVD	×
9	TOP	The Nanny Diaries		★★★☆☆	Comedy	Now	DVD	×
10	TOP	K-Pax		****	Sci-Fi & Fantasy	Now	DVD	×
11	TOP	The Eye		★★ ☆☆☆	Thrillers	Now	Blu-ray 🔹	×
12	TOP	101 Dalmatians		☆☆☆☆ ☆	Children & Family	Now	DVD	×

Exercise

Write down list of interesting moments

Critique current drag and drop interaction

Propose visual & interaction ideas to resolve:

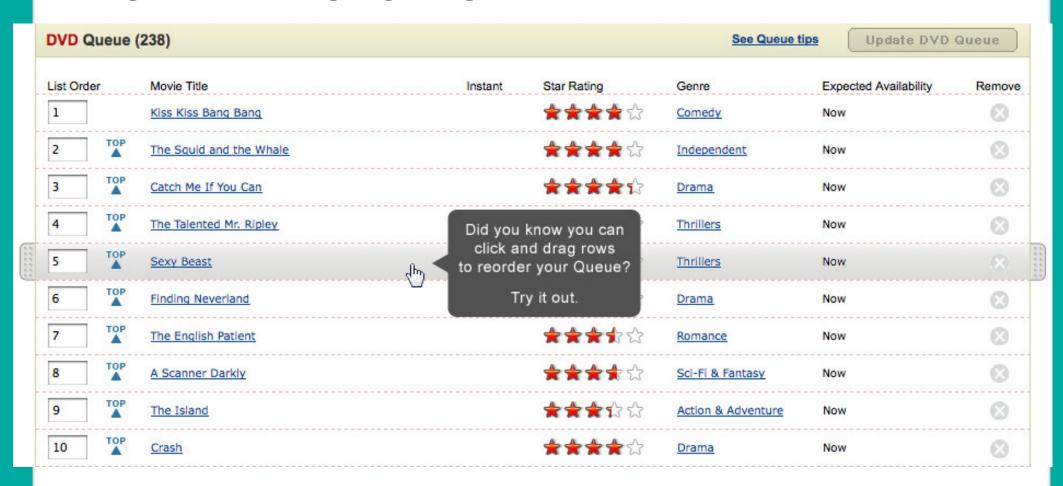
discoverability

ease of use

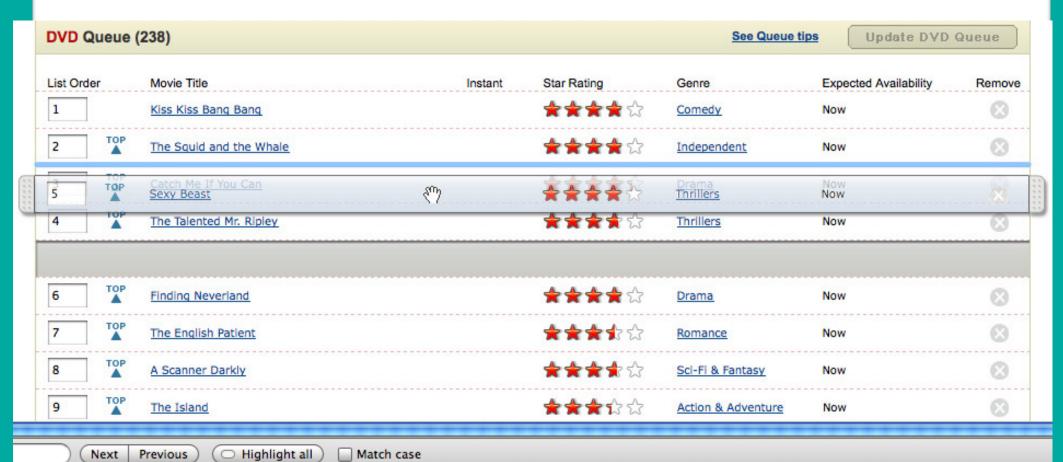
sketches of interaction or use interesting moments grid

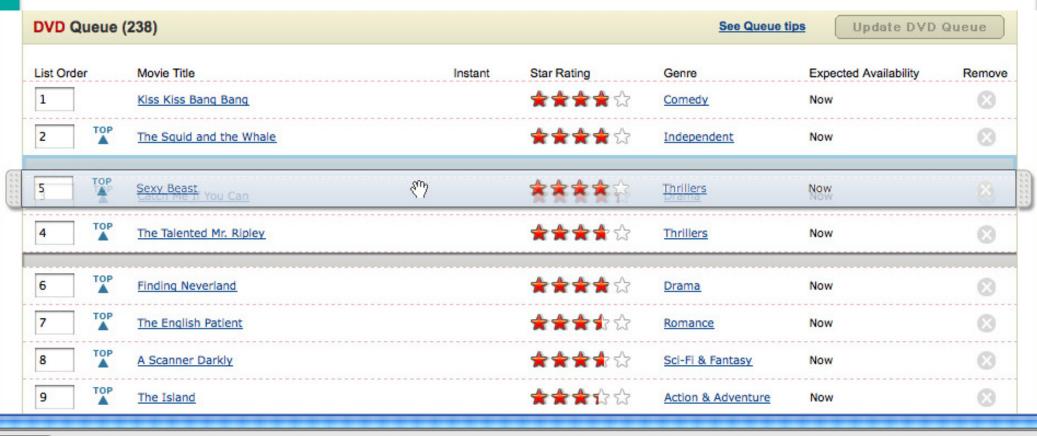
http://designingwebinterfaces.com/resources/interestingmomentsgrid.xls

	DVD C	Queue ((238)			See Queue t	ips Update DVD	Queue
	List Ord	er	Movie Title	Instant	Star Rating	Genre	Expected Availability	Remove
	1		Kiss Kiss Bang Bang		***	Comedy	Now	⊗
	2	ТОР	The Squid and the Whale		****	Independent	Now	⊗
	3	ТОР	Catch Me If You Can		****	<u>Drama</u>	Now	⊗
e present	4	ТОР	The Talented Mr. Ripley		****	Thrillers	Now	⊗
000000	5	TOP	Sexy Beast	-{Jpu)	****	Thrillers	Now	8
	6	ТОР	Finding Neverland	V	****	<u>Drama</u>	Now	②
	7	ТОР	The English Patient		****	Romance	Now	⊗
	8	ТОР	A Scanner Darkly		****	Sci-Fi & Fantasy	Now	⊗
	9	ТОР	The Island		★★★☆☆	Action & Adventure	Now	8
	10	ТОР	Crash		***	Drama	Now	⊗



DVD	Queue ((238)			See Queue t	Update DVD	Queue
List Ord	der	Movie Title	Instant	Star Rating	Genre	Expected Availability	Remove
1		Kiss Kiss Bang Bang		***	Comedy	Now	8
2	ТОР	The Squid and the Whale		***	<u>Independent</u>	Now	8
3	ТОР	Catch Me If You Can		***	<u>Drama</u>	Now	8
4	ТОР	The Talented Mr. Ripley		***	Thrillers	Now	8
5	ТОР	Sexy Beast	<i>₹</i> ግን	****	<u>Thrillers</u>	Now	×
6	ТОР	Finding Neverland		***	<u>Drama</u>	Now	8
7	ТОР	The English Patient		****	Romance	Now	8
8	ТОР	A Scanner Darkly		☆☆☆☆ ☆	Sci-Fi & Fantasy	Now	8
9	ТОР	The Island		★★☆☆☆	Action & Adventure	Now	8
10	ТОР	Crash		****	<u>Drama</u>	Now	⊗







Attempts: After re-arranging with Move to Top

Provide a message in the "hole" that gets left

DVD (252)				Update DVD Queue		
List Order	Movie Title	Instant	Star Rating	Genre	Expected Availability	Remove
1	Extras: The Extra Special Series Finale		****	Television	Now	×
2 TOP	Kiss Kiss Bang Bang		☆☆☆☆ ☆	Comedy	Now	×
3 TOP	Star Trek: The Motion Picture		****	Sci-Fi & Fantasy	Now	×
	Did you know you can also re	e-arrange y	our queue by drag	and drop? Learn	how.	
4 TOP	The Talented Mr. Ripley		☆☆☆☆ ☆	Thrillers	Now	×
5 TOP	Sexy Beast		****	Thrillers	Now	×
6 TOP	Carnivale: Season 1: Disc 3	<i>হ</i> ল্প	Series	Television	Now	×
7 TOP	Finding Neverland		☆☆☆☆ ☆	<u>Drama</u>	Now	×





sorting by: [newest | oldest | most digs | least digs]

IBM, AMD, Sony boost chip speeds by 24%

"IBM and AMD have found a way to improve transistor performance by up to 24% without increasing the power draw - using a tweaked implementation of Big Blue's 'strained silicon' process."

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180 diggs

Are Lost's New Time-Travel Physics Junk Science? Maybe Not..

popularmechanics.com — As if smoke monsters and tropical polar bears weren't enough to keep our heads spinning, Thursday's episode of Lost, "The Constant," opened up a whole new can of digg it worms: the fourth dimension. More... (Television)











25 Comments Share Share Bury msaleem made popular 9 min ago

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Are Lost's New Time-Travel Physics Junk Science? Maybe Not..

popularmechanics.com — As if smoke monsters and tropical polar bears weren't enough to keep our heads spinning, Thursday's episode of Lost, "The Constant," opened up a whole new can of worms: the fourth dimension. More... (Television)











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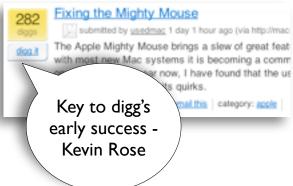
282 Fixing the Mighty Mouse

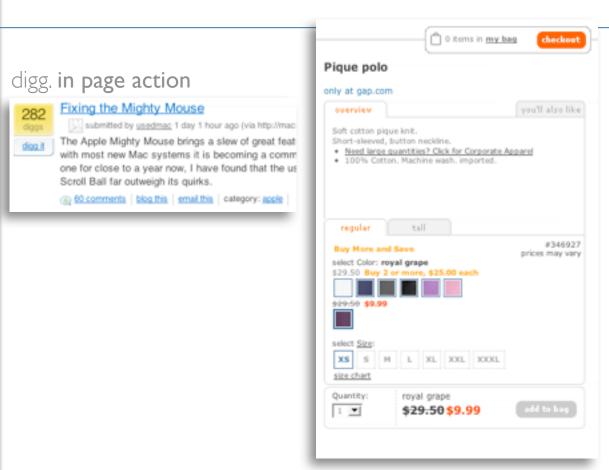
submitted by usedmac 1 day 1 hour ago (via http://mac.

dou't 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.

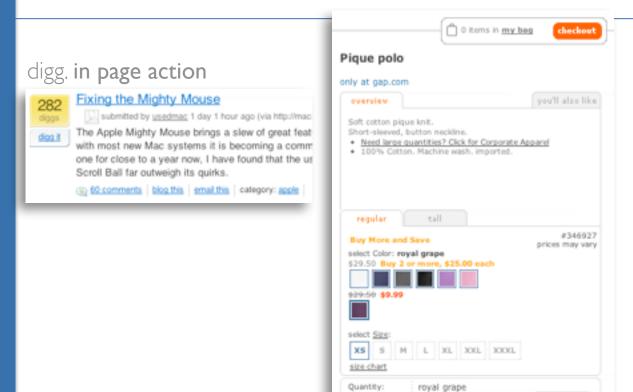
(a) 60 comments | blog this | small this | category: apple

digg. in page action





the gap. remembered collections

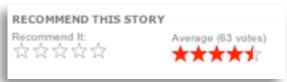


1 -

the gap. remembered collections

\$29.50 \$9.99

y! news, netflix. rating an object

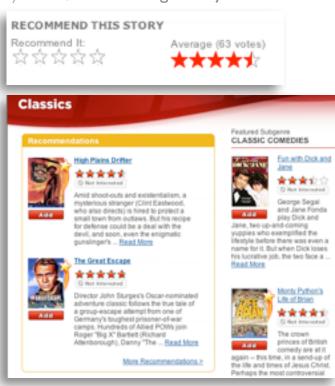






the gap. remembered collections

y! news, netflix. rating an object



digg. in page action



60 comments | blog this | email this | category: apple



the gap. remembered collections

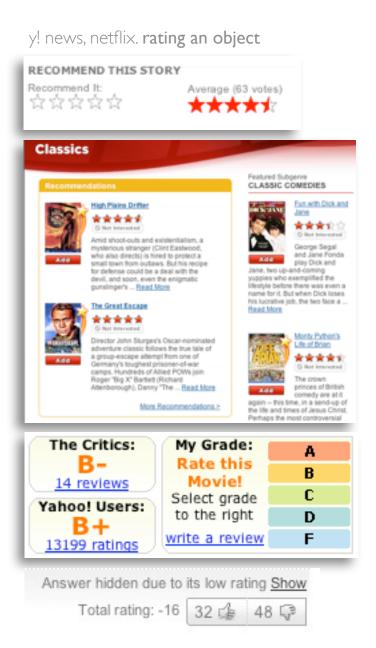
y! news, netflix. rating an object



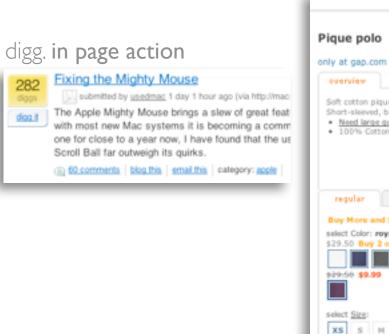




the gap. remembered collections



y! movies, y! answers. rating an object

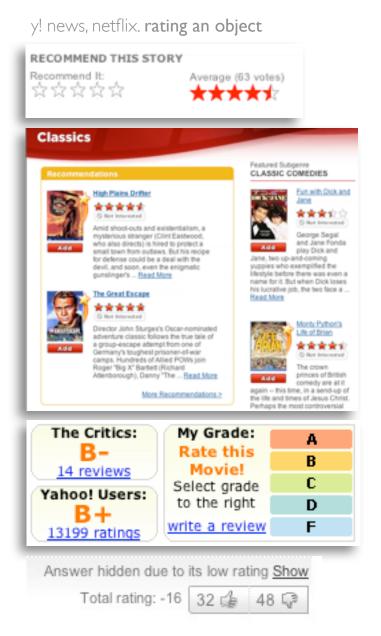


	0 items in my ba	checkout
Pique polo		
only at gap.com		
overview		you'll also like
		pparel
regular Buy More and S select Color: royu	al grape	#346927 prices may vary
\$29.50 Buy 2 o	more, \$25.00 each	
select <u>Size</u> : XS S M size chart	L XL XXL XXXL	
Quantity:	royal grape \$29.50 \$9.99	add to bag

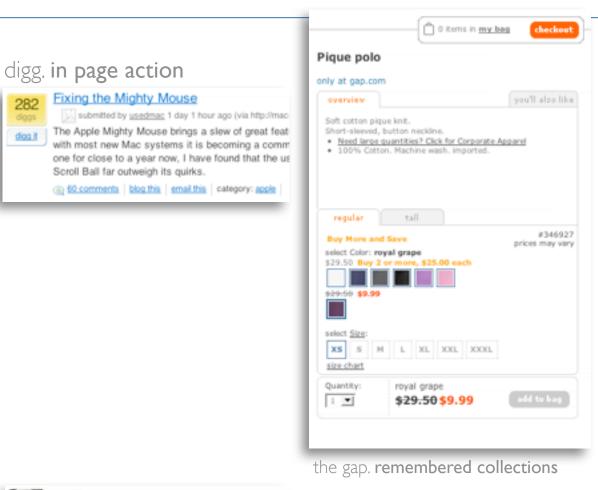
the gap. remembered collections



flickr. contextual tools

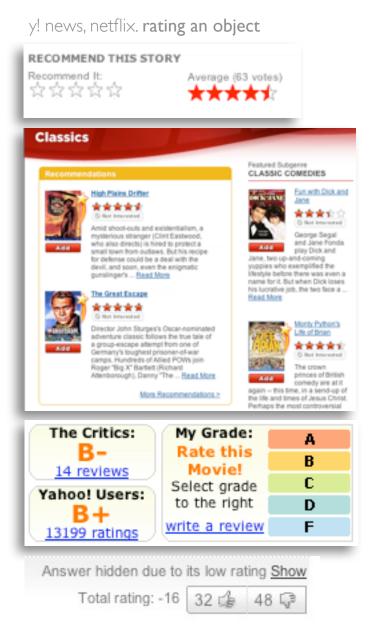


y! movies, y! answers. rating an object





flickr. contextual tools



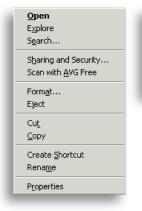
y! movies, y! answers. rating an object

Keep It Lightweight. Contextual Tools.

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

Keep It Lightweight. Contextual Tools.

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





Same as context menus Only good for single objects

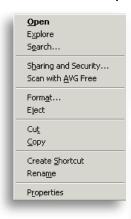
Can actually slow you down

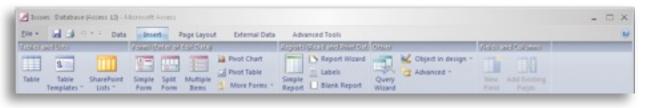


Same as context menus

Only good for single objects

Can actually slow you down





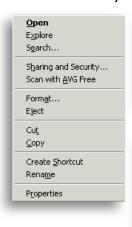




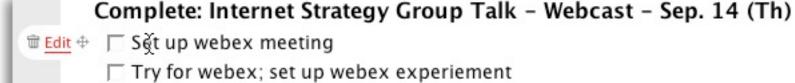
Same as context menus

Only good for single objects

Can actually slow you down







Add an Item



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

summary

When you can only update small pieces of the interface instead of doing things in a group.

examples

backpackit

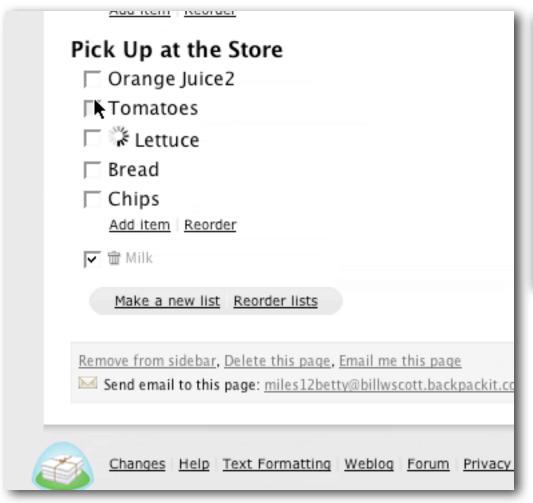
Key is what is the workflow? One at a time or mutiple operations allowed.

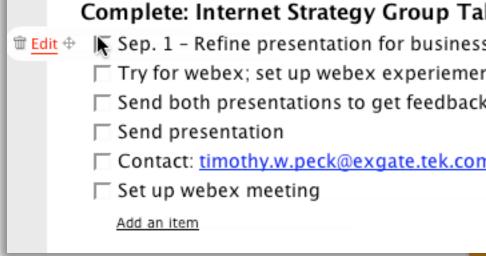
These kind of interfaces (in context tools) always present a problem for doing operations on multiple items.



Key is what is the workflow? One at a time or mutiple operations allowed.

These kind of interfaces (in context tools) always present a problem for doing operations on multiple items.





Takes one at a time check box to the extreme



SHOWATCH					
series	alert me?	date start/end	network	time slot	status
AMAZING RACE, THE	П	9/5/01 - ???	CBS	completed airing its current season	returning next seaso (2007-2008 season)
AMERICAN INVENTOR		3/16/06 - ???	ABC	wednesdays (9:00 PM-10:00 PM EST)	returning this summ (yet to premiere)
AMERICA'S FUNNIEST HOME VIDEOS	<u></u>	1/14/90 - ???	ABC	completed airing its current season	returning next seaso (2007-2008 season)
AMERICA'S GOT TALENT	<u></u>	6/21/06 - ???	NBC	tuesdays (8:00 PM-9:00 PM EST)	returning this summ (yet to premiere)
AMERICA'S MOST WANTED: AMERICA STRIKES BACK	~	2/7/88 - ???	FOX	saturdays (9:00 PM-10:00 PM EST)	currently airing (2006-2007 season)

Think about what happens when the data/information scales It affects space issues but also affects interaction density.

Think about doing multiple operations at once

Balance with immediacy

Watch out for contextual tools, in-page actions

These give immediacy but also will trap you into not handling multiple items at once.

Don't forget about the lowly checkbox

Not as sexy, but very serviceable.

Shorten the path

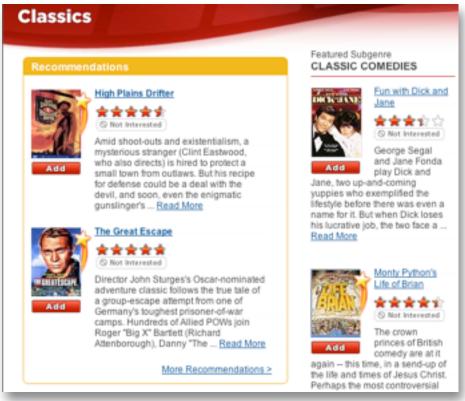
Keep actions immediate and light

Use hover, blur, focus; avoid heavy events

Shorten the path

Keep actions immediate and light

Use hover, blur, focus; avoid heavy events

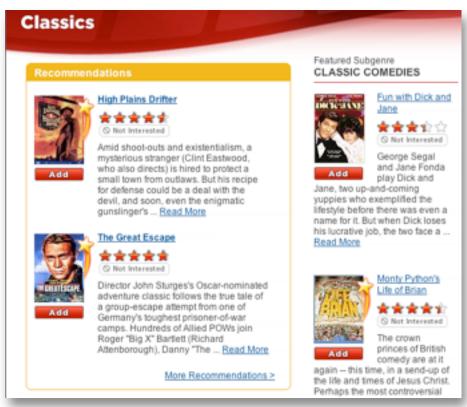


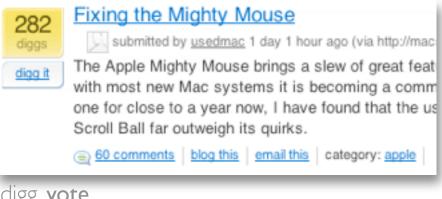
netflix. ratings

Shorten the path

Keep actions immediate and light

Use hover, blur, focus; avoid heavy events





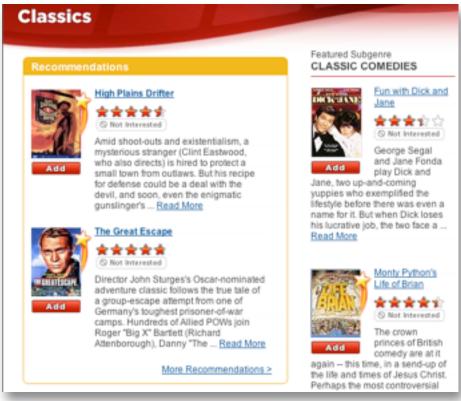
digg. vote

netflix. ratings

Shorten the path

Keep actions immediate and light

Use hover, blur, focus; avoid heavy events





seek time
decision time
second guessing
wait time
interaction steps
cost/benefit tradeoff

netflix. ratings

summary

Revealing information or actions on mouse hover has become popular.

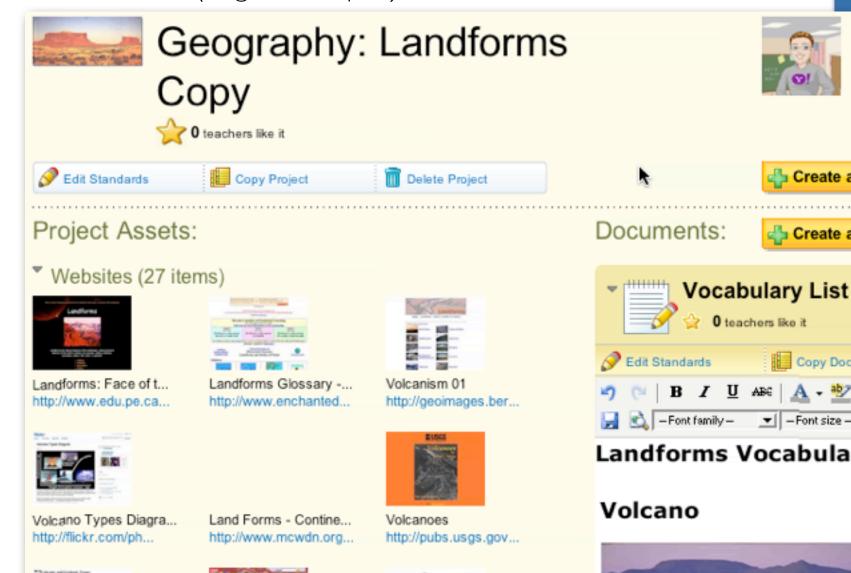
Sometimes using a hover popup makes the experience worse.

Hover & Cover occurs when the hover popup hides important contextual information gets in the way of other actions impedes navigation.

Original hover was extremely annoying as it Covered the item to the right (natural flow is left to right) Partially covers text edit area (bug: sticks open)

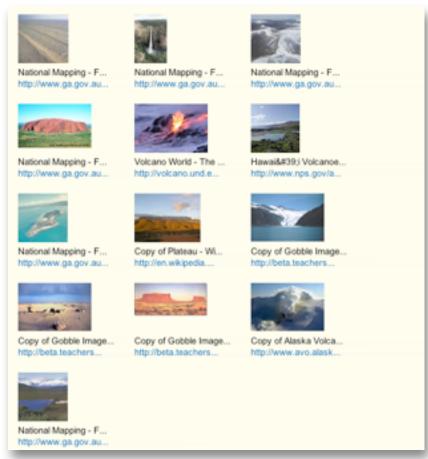


Original hover was extremely annoying as it Covered the item to the right (natural flow is left to right) Partially covers text edit area (bug: sticks open)



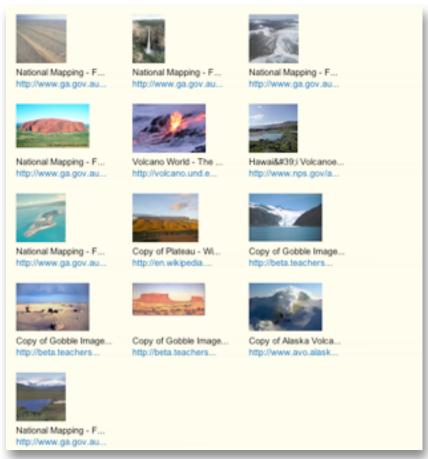
Anti-Pattern. Hover & Cover.

Anti-Pattern. Hover & Cover.

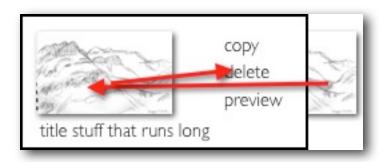


y! teachers, anti-pattern, hover & cover

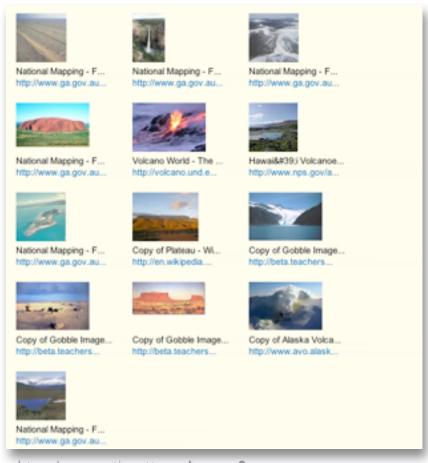
Anti-Pattern. Hover & Cover.



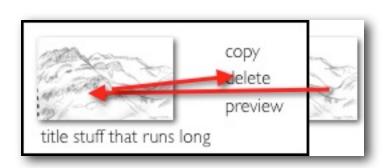
y! teachers, anti-pattern, hover & cover

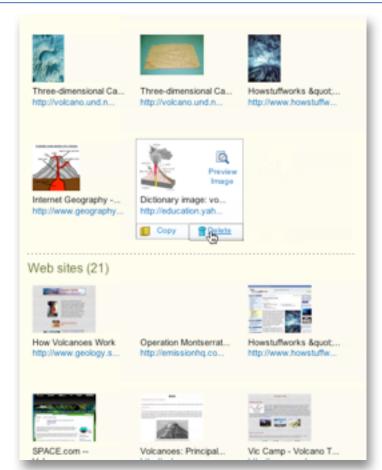


Anti-Pattern, Hover & Cover.



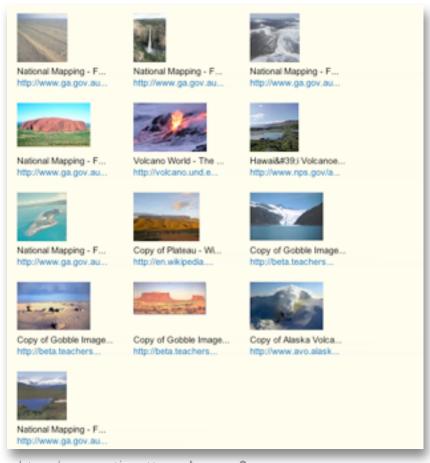
y! teachers, anti-pattern, hover & cover



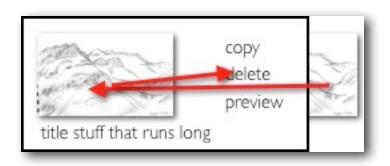


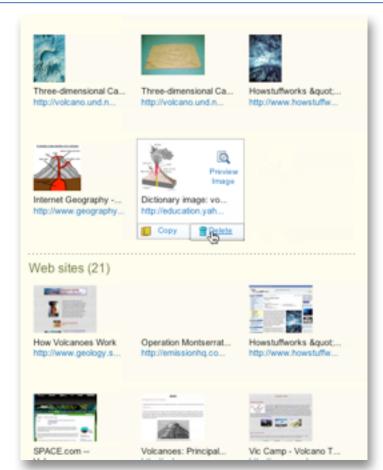
y! teachers. anti-pattern. hover & cover. resolved

Anti-Pattern, Hover & Cover.



y! teachers. anti-pattern. hover & cover



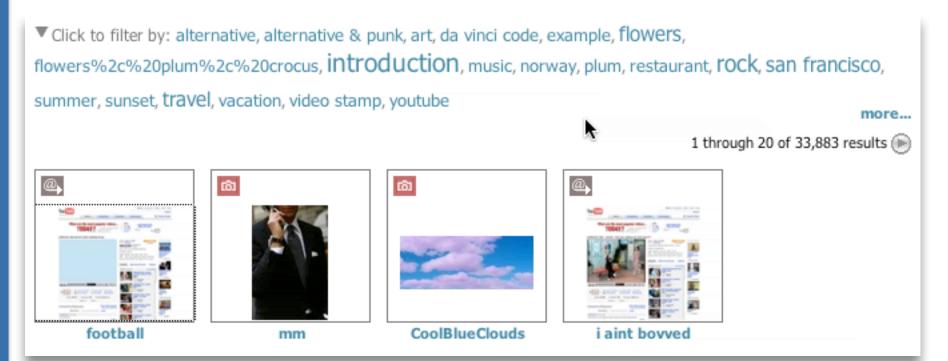


y! teachers, anti-pattern, hover & cover, resolved



Anti-Pattern. Hover & Cover.

plum.com. Drop down menu on hover gets in the way. Accidentally opens.



Anti-Pattern. Hover & Cover.

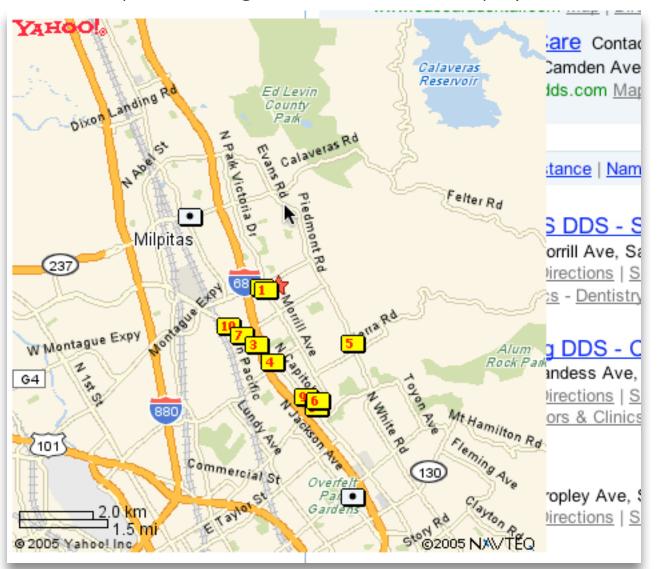
plum.com. Drop down menu on hover gets in the way. Accidentally opens.

▼ Click to filter by: alternative, alternative & punk, art, da vinci code, example, flowers, flowers%2c%20plum%2c%20crocus, introduction, music, norway, plum, restaurant, rock, san francisco, summer, sunset, travel, vacation, video stamp, youtube more... 1 through 20 of 33,883 results (in) බ බ The Office: Season 1 CoolBlueClouds football Not Interested

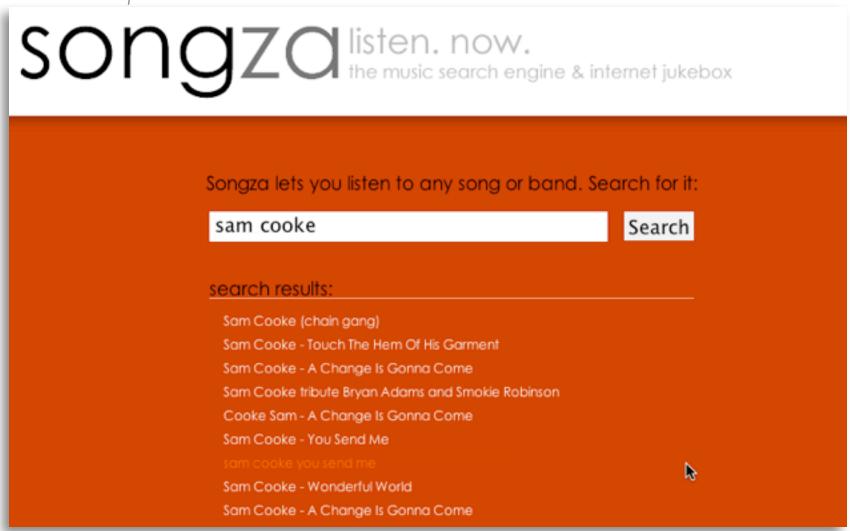
netflix, issues.

Yahoo! Local originally had this hover beast.

Thankfully it no longer functions this way :-)



Use click for tools that will cover context



Use click for tools that will cover context



Songza lets you listen to any song or band. Search for it:

sam cooke

Search

search results:

Sam Cooke (chain gang)

Sam Cooke - Touch The Hem Of His Garment

Sam Cooke - A Change Is Gonna Come

Sam Cooke tribute Bryan Adams and Smokie Robinson

Cooke Sam - A Change Is Gonna Come

Sam Cooke - You Send Me

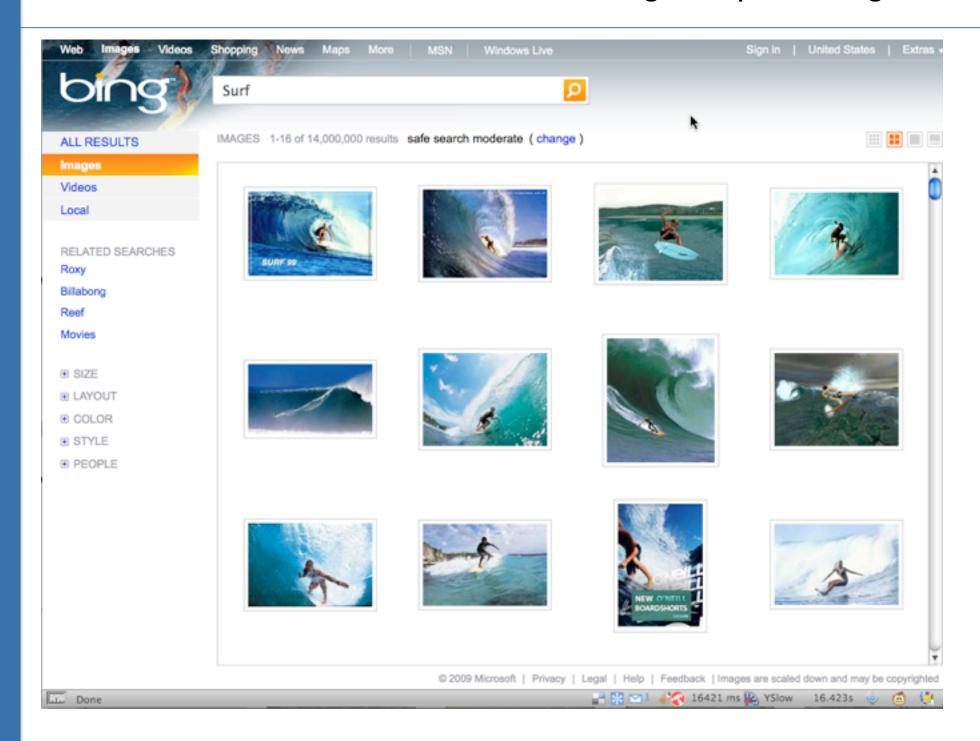
sam cooke you send me

Sam Cooke - Wonderful World

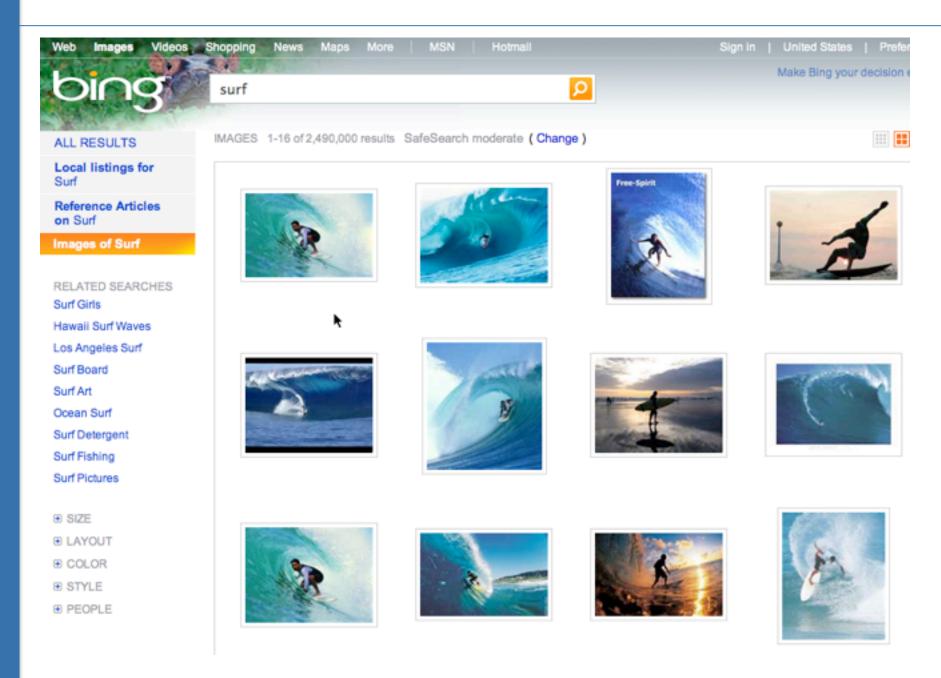
Sam Cooke - A Change Is Gonna Come



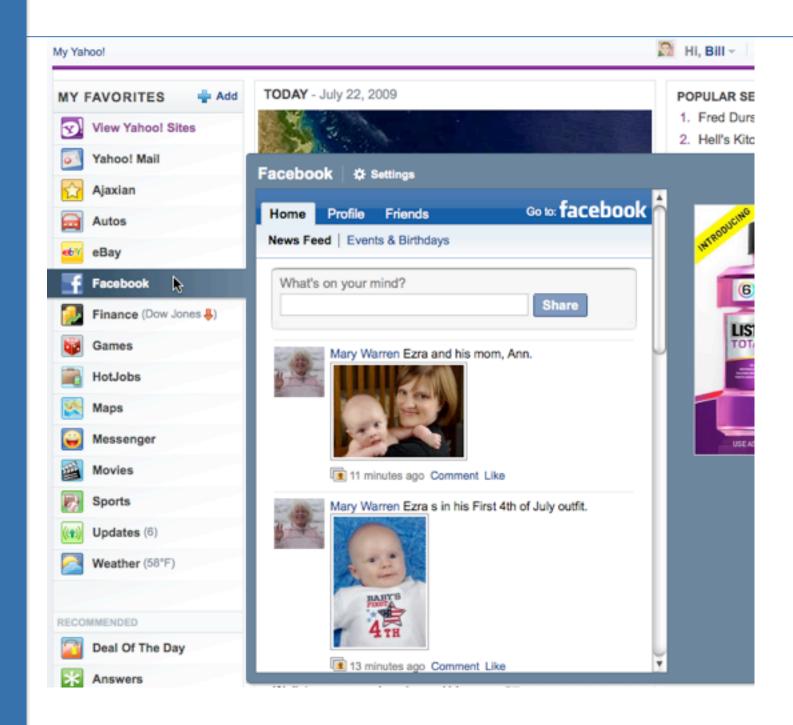
Bing Example. Shifting Content.



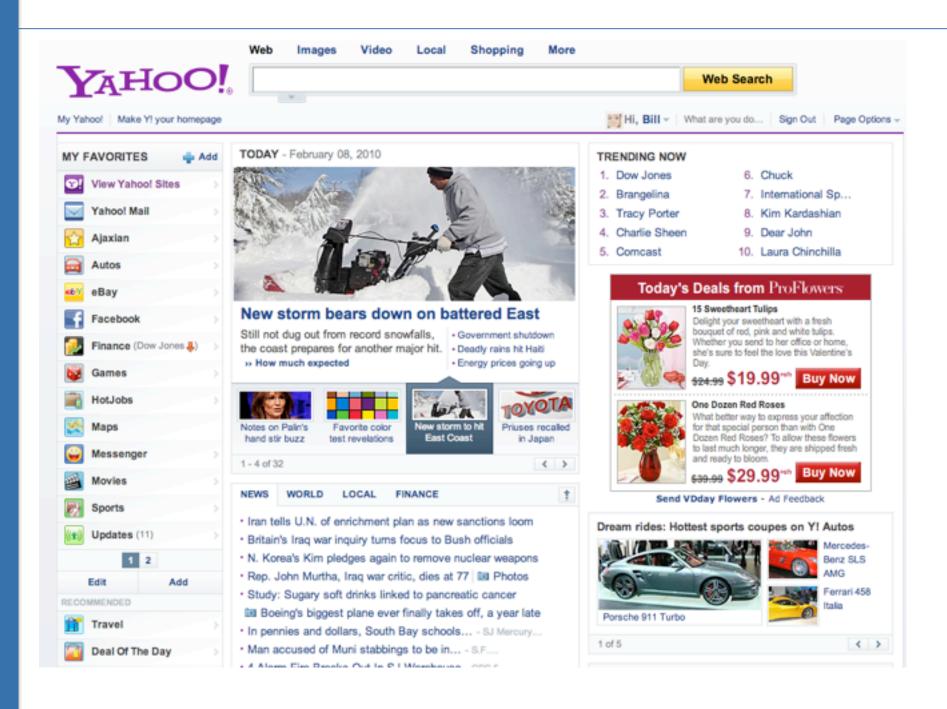
Bing Refactored. Hover & Cover Again.



Yahoo! Hover



Yahoo! Hover & Cover Refactored.



Reserve same space for both hovered and non-hovered state





For hover details, allow a slight delay before activation

For hover details don't cover important context.

For in-context tools, show immediately and hide immediately

Reserve same space for both hovered and non-hovered state

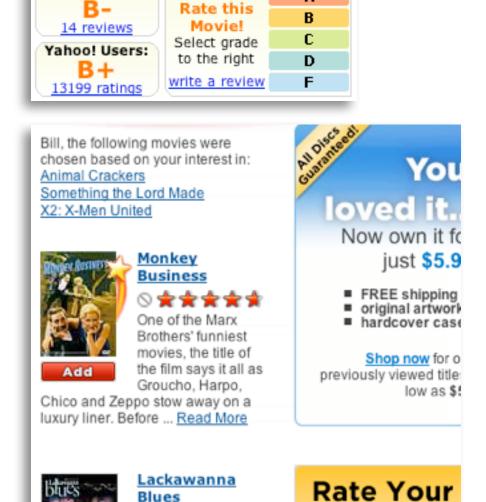
The Critics:



For hover details, allow a slight delay before activation

For hover details don't cover important context

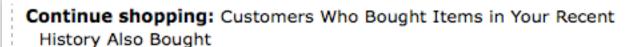
For in-context tools, show immediately and hide immediately



My Grade:

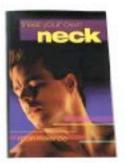
Rate this

Ambiguity between hover & click (clicking arrow does 2 things)



Page 1 of 17

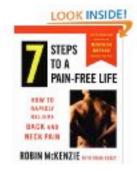




Treat Your Own Neck 4th Ed

by Robin Mckenzie

(28) \$10.00



7 Steps to a Pain-Free
Life: H...

by Robin
McKenzie

(72) \$11.56



Talent Is Not Enough:
Business S...

by Shel
Perkins

(3) \$26.39

design management (Books)

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Anti-Pattern Hover § Cover



Anti-Pattern Hover § Cover Anti-Pattern Needless Fanfare



Anti-Pattern Hover § Cover Antí-Pattern Needless Fanfare Anti-Pattern Mouse Trap



Anti-Pattern Hover § Cover Anti-Pattern Needless Fanfare Anti-Pattern Mouse Trap Anti-Pattern Tiny Target

A Little of Everything



Anti-Pattern Hover § Cover Anti-Pattern Needless Fanfare Anti-Pattern Mouse Trap Anti-Pattern Tiny Target Anti-Pattern Novel Notion

(or Maintain Flow)





Exploratorium Exhibit

Spot the Differences?

Spot the Differences?



Try again

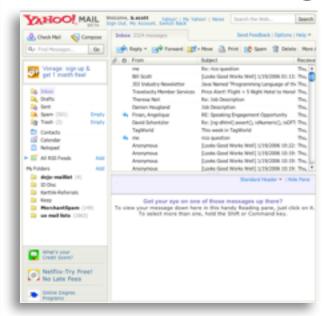


Stay on the Page.

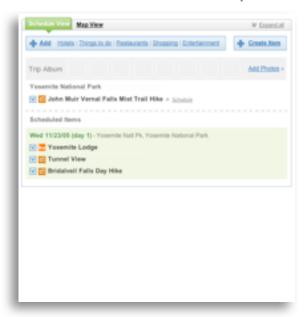
on-demand scrolling.



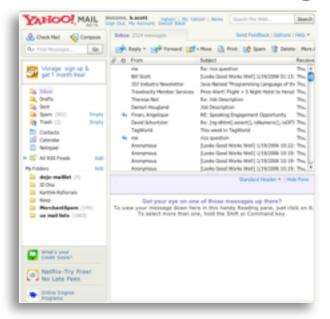
on-demand scrolling.



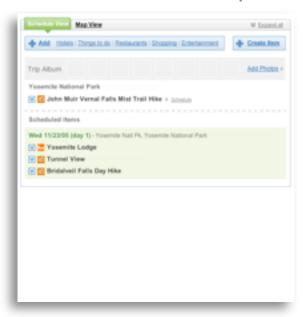
in-context expand.



on-demand scrolling.



in-context expand.



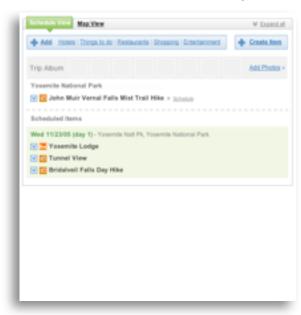
inline assistant.



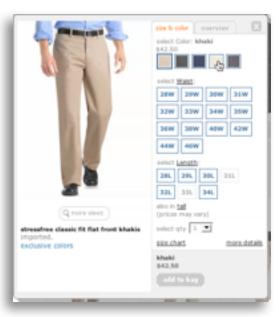
on-demand scrolling.



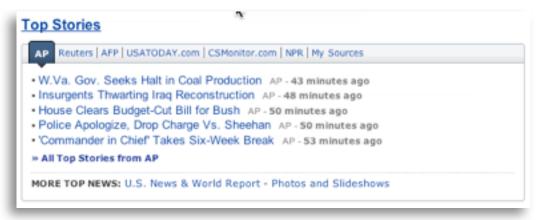
in-context expand.



inline assistant.



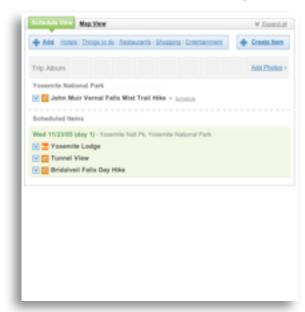
hover details.



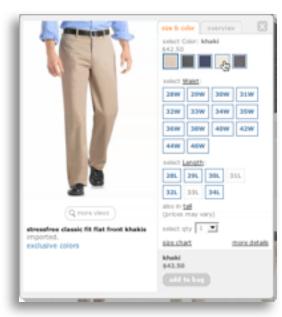
on-demand scrolling.



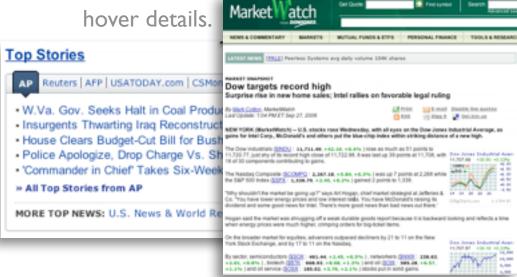
in-context expand.



inline assistant.



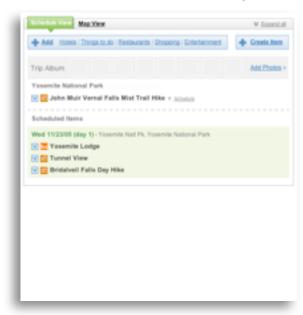
hover details.



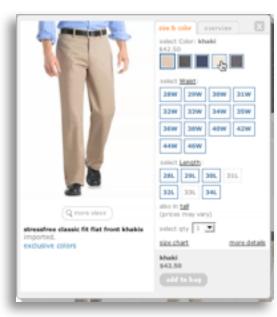
on-demand scrolling.



in-context expand.



inline assistant.

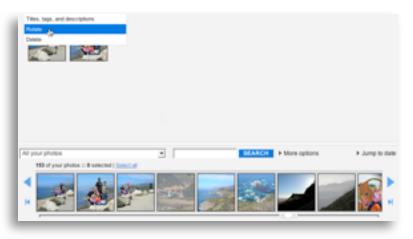


hover details.

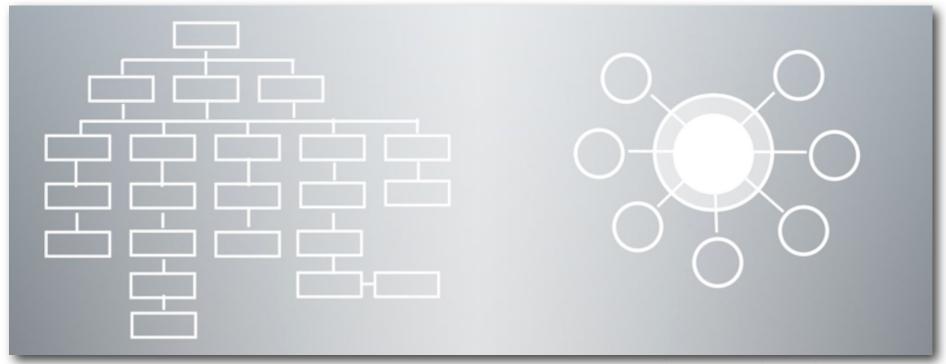




lightweight popup + lightbox



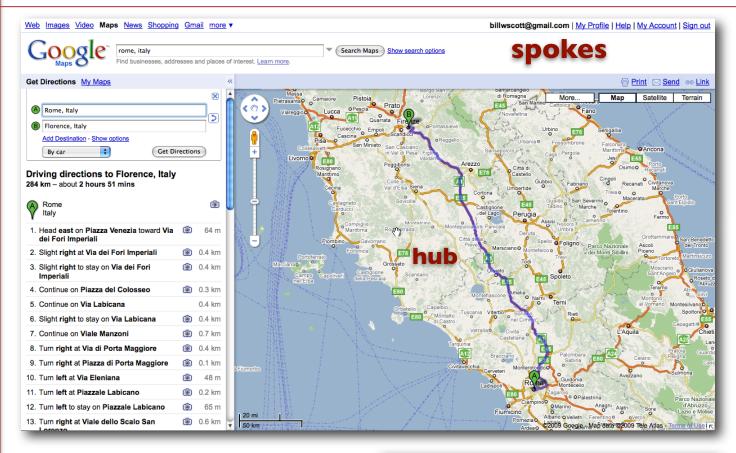
Shift to "Stay in the Page"



Hagen-Rivers Report. http://www.uie.com/articles/rivers_interview/

shift away from paging paradigm eliminate unneccessary navigation map screen flow directly to user tasks one-screen-per-goal philosophy

Hub & Spoke Model



emphasizes visual communication

de-emphasizes navigation and extraneous tasks

stay on the page experience



overlays dialog overlay detail overlay input overlay





overlays
dialog overlay
detail overlay
input overlay







Stay on the Page. Overlay.

overlays
dialog overlay
detail overlay
input overlay





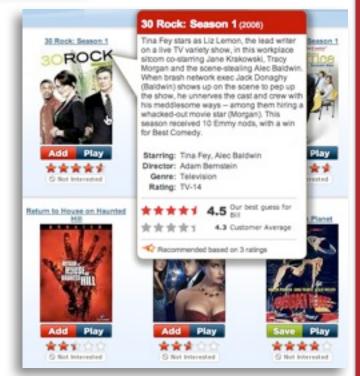


Stay on the Page. Overlay.

overlays
dialog overlay
detail overlay
input overlay







Stay on the Page. Overlay.

overlays
dialog overlay
detail overlay
input overlay

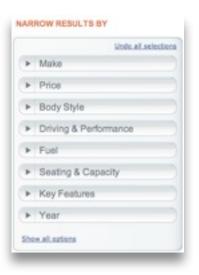
considerations

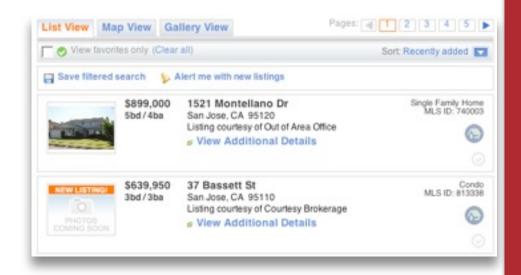
lightbox effect

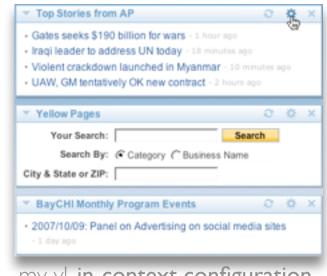




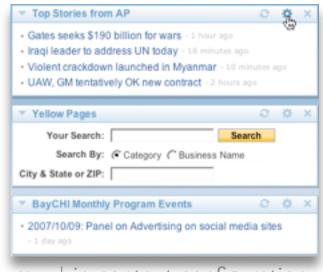








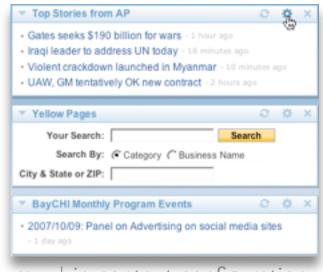
my y!. in-context configuration



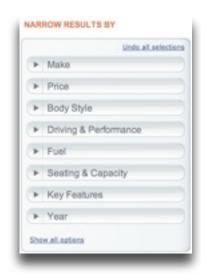
my y!. in-context configuration



bbc. in-context configuration



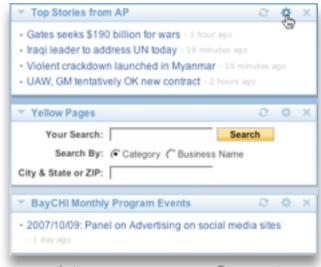
my y!. in-context configuration



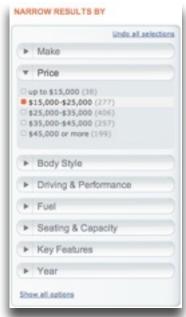
y! autos. accordion



bbc. in-context configuration



my y!. in-context configuration



y! autos. accordion

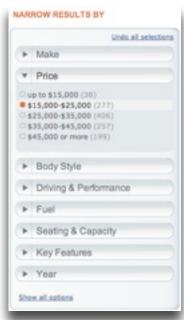


bbc. in-context configuration

inlays



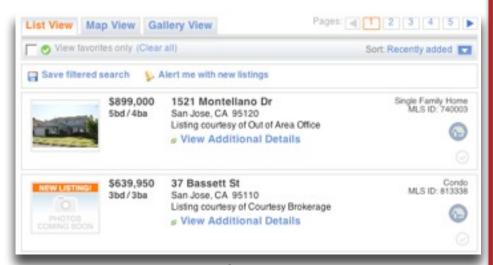
my y!. in-context configuration



y! autos. accordion

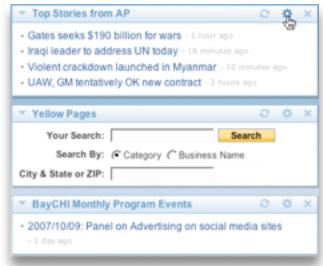


bbc. in-context configuration

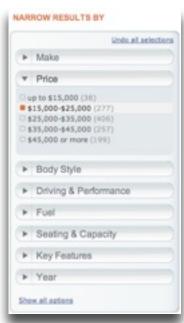


roost. in-context insight

inlays



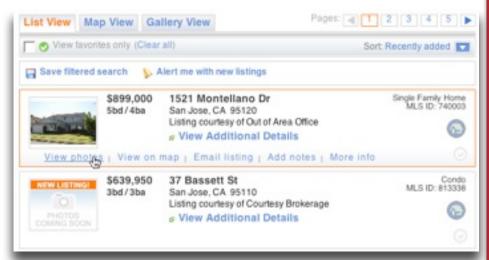
my y!. in-context configuration



y! autos. accordion



bbc. in-context configuration

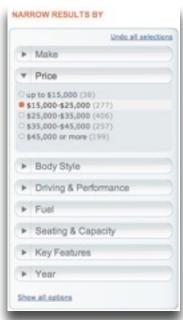


roost. in-context insight

inlays



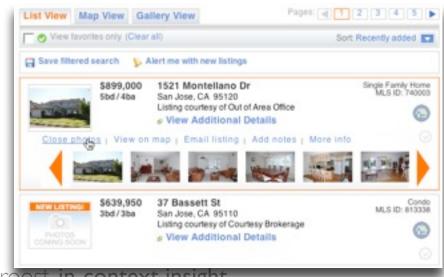
my y!. in-context configuration



y! autos. accordion



bbc. in-context configuration

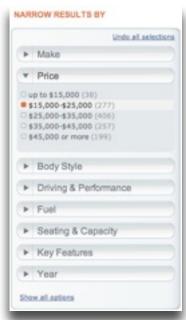


roost, in-context insight

inlays



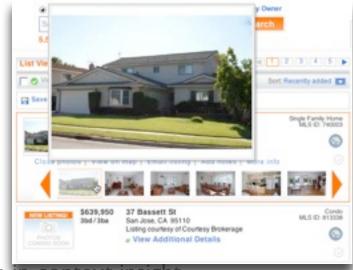
my y!. in-context configuration



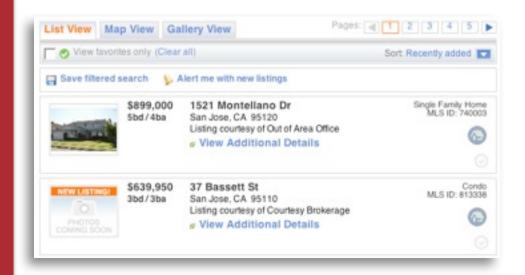
y! autos. accordion

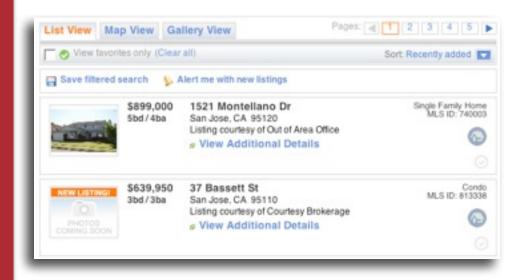


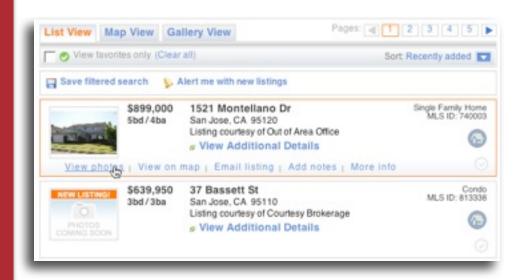
bbc. in-context configuration

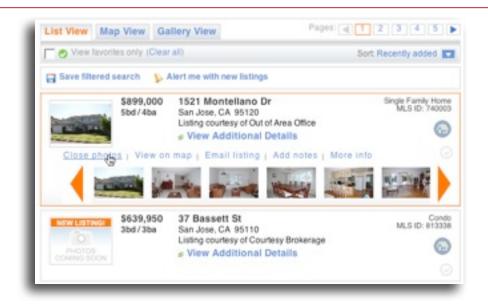


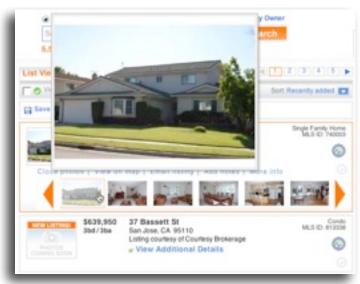
roost. in-context insight



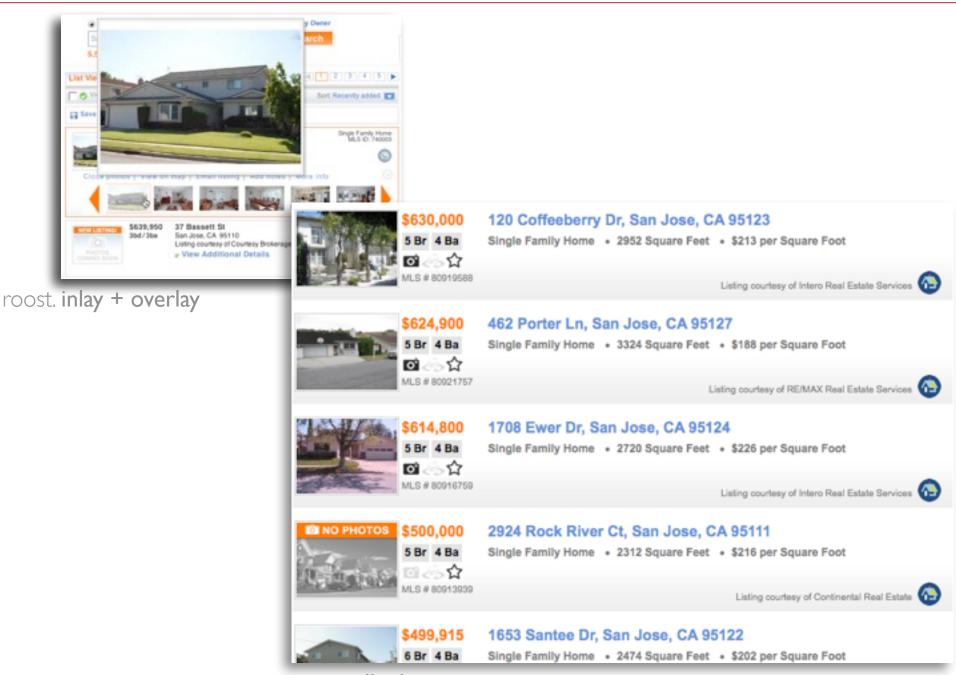








roost. inlay + overlay



roost. all inlays

Rethink paging

use scrolling for "owned" data watch out for dual scroll bar issue hybrid of paging & scrolling

mlslistings. pagination



Rethink paging

use scrolling for "owned" data watch out for dual scroll bar issue hybrid of paging & scrolling

mislistings. pagination



Rethink paging

use scrolling for "owned" data watch out for dual scroll bar issue hybrid of paging & scrolling



y! health. carousel

mislistings. pagination



Rethink paging

use scrolling for "owned" data watch out for dual scroll bar issue hybrid of paging & scrolling



y! health. carousel

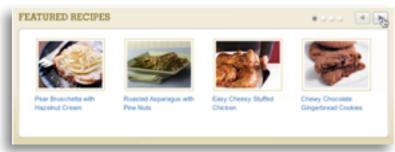


y! mail. on-demand scrolling

mislistings. pagination

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) Schwardsoch Associates	550701	MALTI	D HOUR
1000	\$1,995,000 Single Res	6+, 4+ 5675	17617 MOUNTAIN CHARLIE RD LOS GATOS, CA 95033 (Unincorporated Los Gefos Mins) Almaden Oaks Realtors	608215	MALETI	
native in	\$2,286,000 Single Res	5, 4+ 4800	20930 PANDRAMA DR Los Gatos, CA 95033 (Los Gatos Mins) Alain Pinel Realtons	604907	MALA TI	TOUR
	\$2,750,000 Single Res	5, 4+	155 LARITA DR Ben Lorrend, CA 95005 (San Lorenzo Valley) Network Alliance Real Estate	616947	MALA(T)	
No.	\$2,777,000 Single Res	5, 4+ 5819	777 HAPPY VALLEY RD Scotts Valley, CA 95065 (Scotts Valley) Linds Burroughs Real Estate	616474	MALE TI	TOUR
New Search			<< Previous	19	Next	>>

Rethink paging use scrolling for "owned" data watch out for dual scroll bar issue hybrid of paging & scrolling

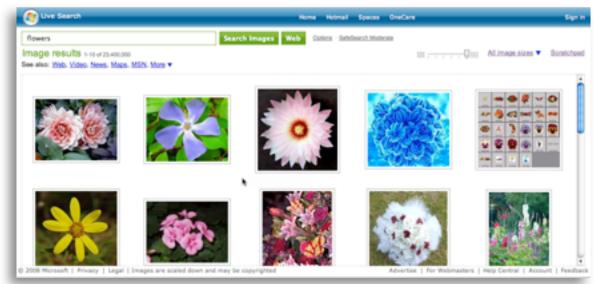


Other's year country freed for Late Rees

(c) Needlin-Try freed Re Late Rees

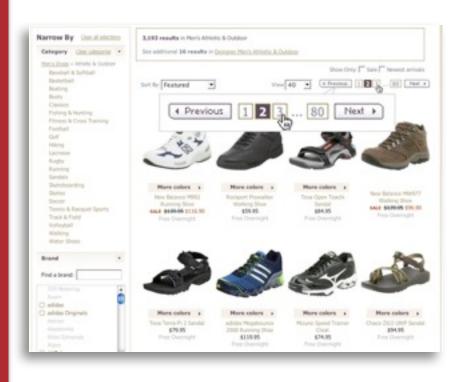
(c) Other Degree freed f

y! health. carousel



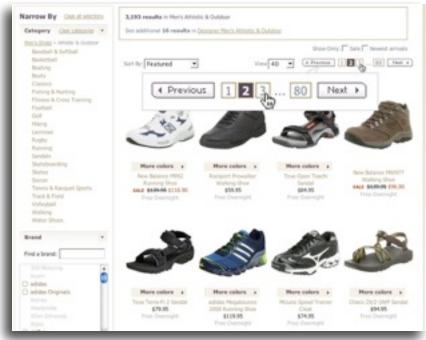
y! mail. on-demand scrolling

microsoft live. paged scrolling

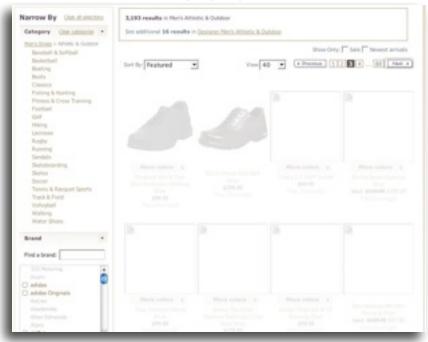




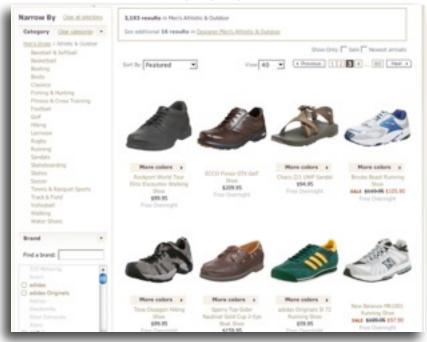
endless. seamless paging



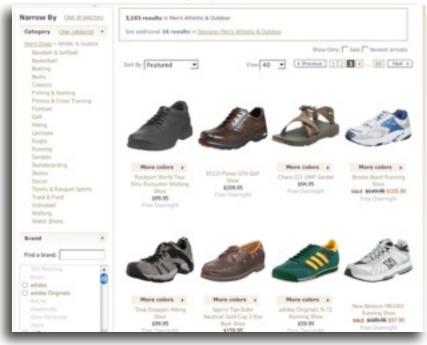
endless. seamless paging



endless. seamless paging



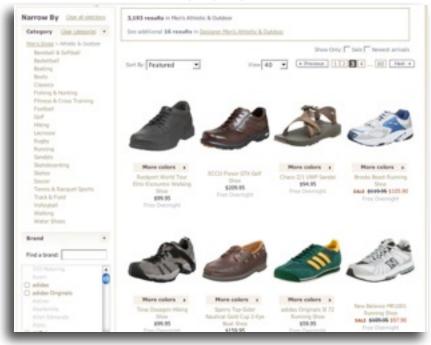
endless. seamless paging





hard rock cafe. zui

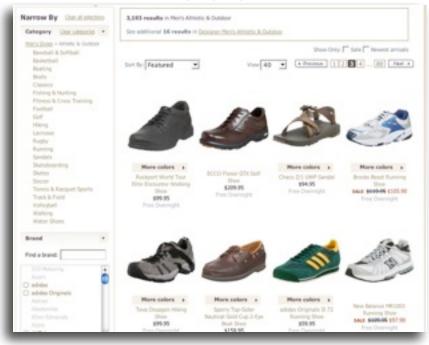
endless. seamless paging





hard rock cafe. zui

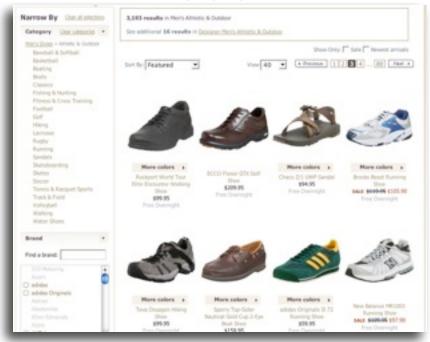
endless. seamless paging





hard rock cafe. zui

endless. seamless paging





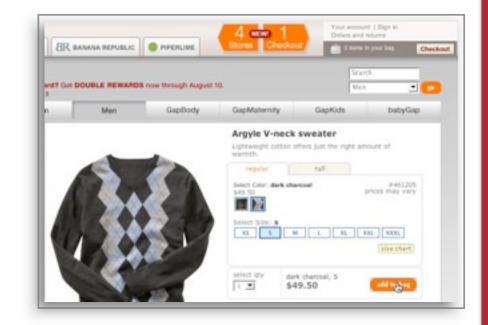
hard rock cafe. zui



cool iris (piclens). zui

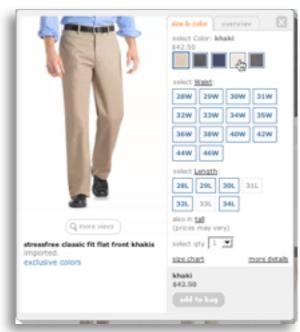
rethink process flows

the user's mental model vs page model every page jump is a mental speed bump



rethink process flows

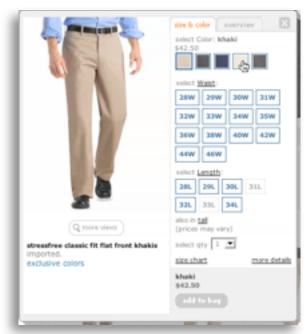
the user's mental model vs page model every page jump is a mental speed bump



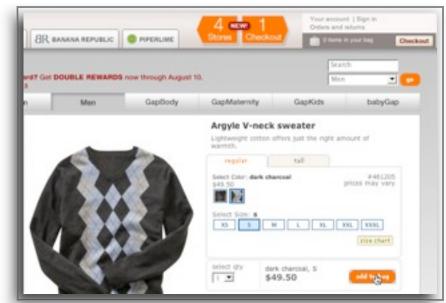
the gap. inline assistant

rethink process flows

the user's mental model vs page model every page jump is a mental speed bump



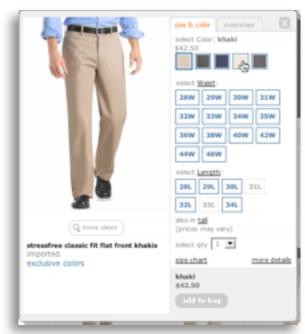
the gap. inline assistant



the gap. inline checkout

rethink process flows

the user's mental model vs page model every page jump is a mental speed bump



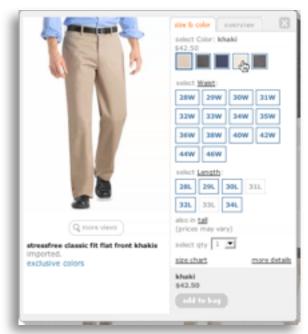
the gap. inline assistant



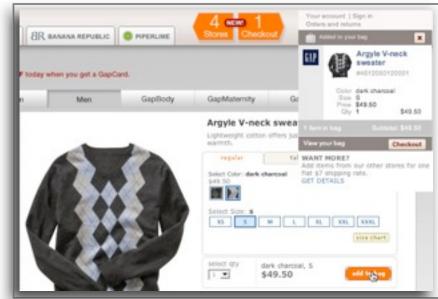
the gap. inline checkout

rethink process flows

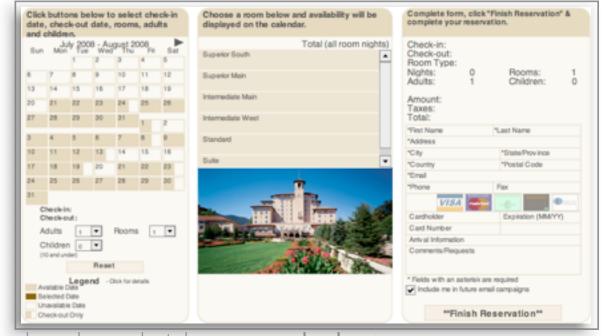
the user's mental model vs page model every page jump is a mental speed bump



the gap. inline assistant

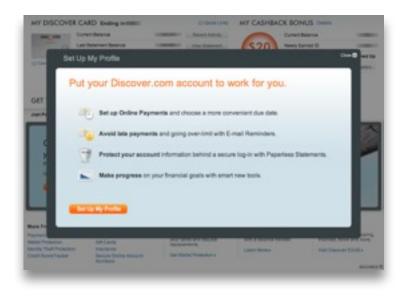


the gap. inline checkout

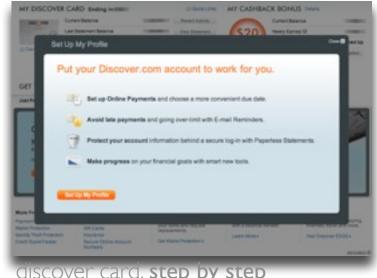


broadmoor hotel. one page checkout

step by step?



step by step?



discover card, step by step

step by step?



discover card, step by step

step by step?



discover card, step by step

step by step?



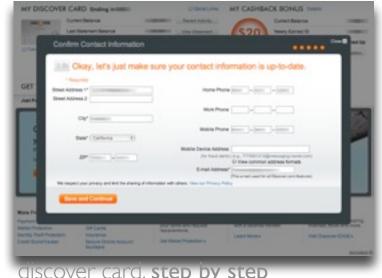
discover card. step by step

step by step?



discover card, step by step

step by step?



discover card. step by step

step by step?

yes, sometimes works best



Help Center
Report Problem

Report Problem

Report Problem

REPORT A PROBLEM AND ORDER REPLACEMENTS

REPORT A PROBLEM AND ORDER REPLACEMENTS

The DVD is damaged, scratched or unplayable

Lireceived the wrong DVD

Lireceived the DVD yet

Lineary received it

Lireceived the DVD, but Netflix hasn't received it

Lineary received it

Lineary received the DVD and would like to pay for it

Lidon't have the white sleeve or red envelope to return the DVD

step by step?

yes, sometimes works best



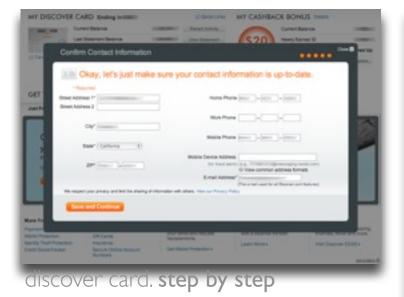


netflix. step by step

step by step?

netflix. step by step

yes, sometimes works best



Help Center · Report problems quickly & easily Report Problem · Get replacements shipped immediately Eternal Sunshine of We're sorry the DVD shipped to you was unplayable. the Spotless Mind Date Shipped: 09/25/07 Troubleshooting unplayable discs . Try wiping the disc with glass cleaner and a paper towel from the center hole to . If you're having audio issues, try playing a different audio channel, for example switch from DTS to Dolby. Please describe the damage DVD is scratched DVD skips or stops during play Still need help? Contact Customer Service DVD is cracked or broken Would you like a replacement DVD of Eternal Sunshine of the Spotless Mind? C Yes C No If you order a replacement it will be shipped to you on the next business day.

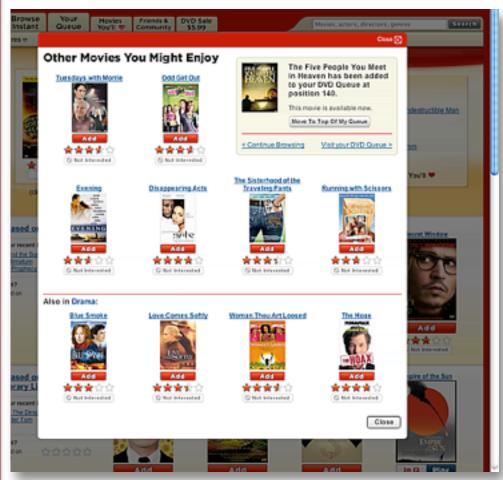
If you don't order a replacement, the next available DVD in Your Queue will be shipped to you when we receive a DVD back from you. Report Problem



ebay. single page flow

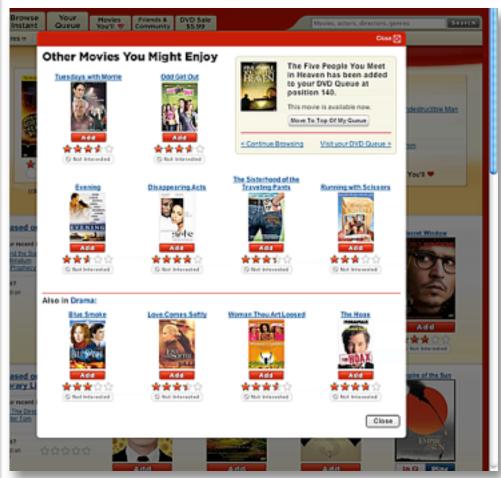
Anti-Pattern. Stalker .

Anti-Pattern. Stalker.

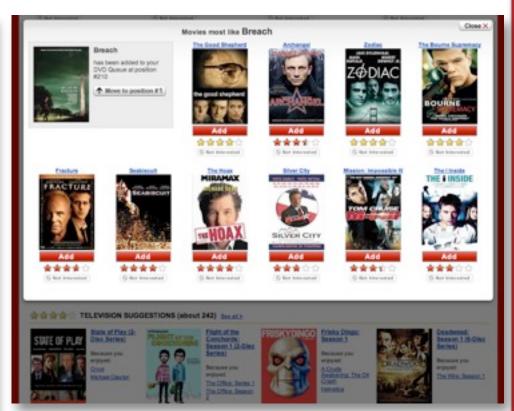


netflix. stalker overlay

Anti-Pattern. Stalker.



netflix. stalker overlay



netflix, simpler overlay

Anti-Pattern. Pogo Stick Navigation.

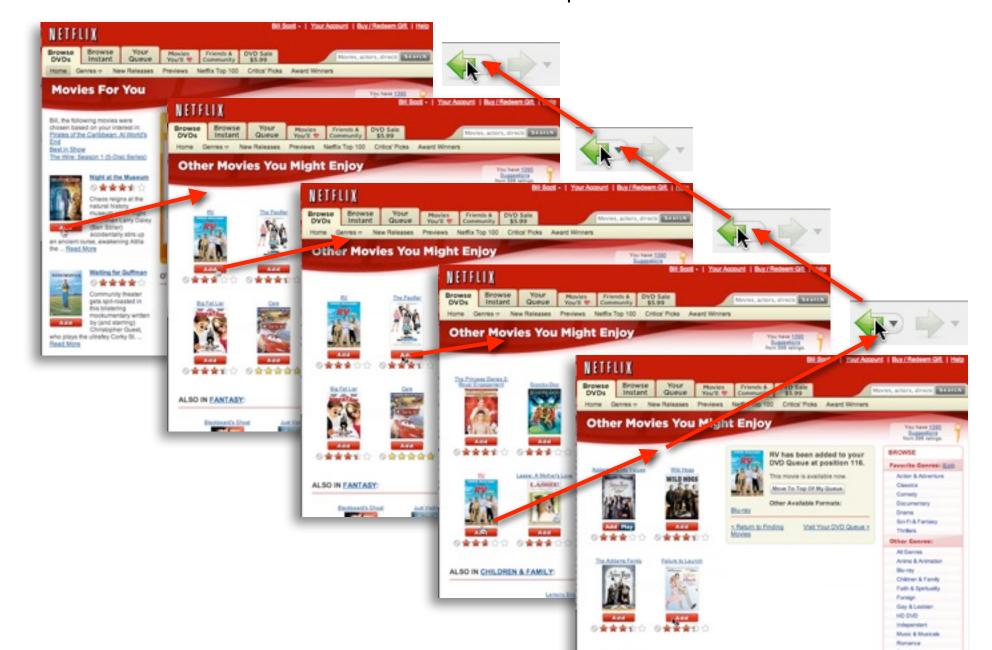
summary

Requiring the user to go down a level or two, perform an operation, come back to the top and then have to go back down again. Name comes from hopping up and down through the site.

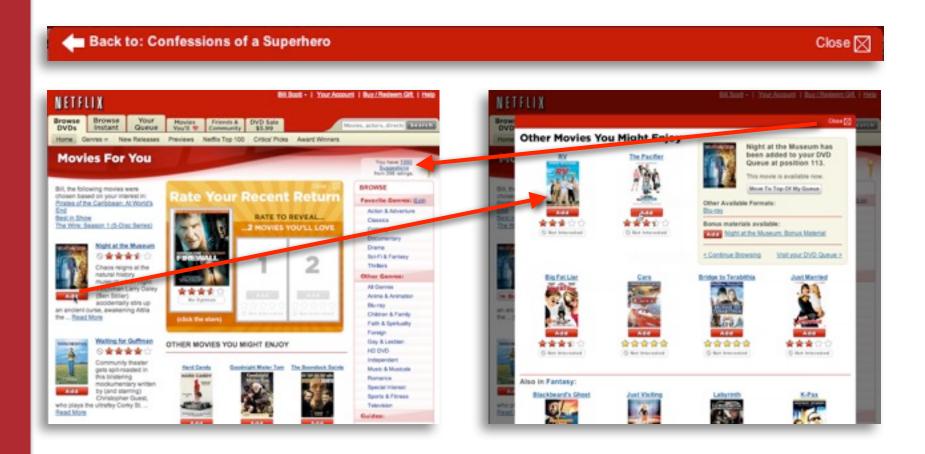
credit

Jared Spool

Netflix. Older version of add to queue



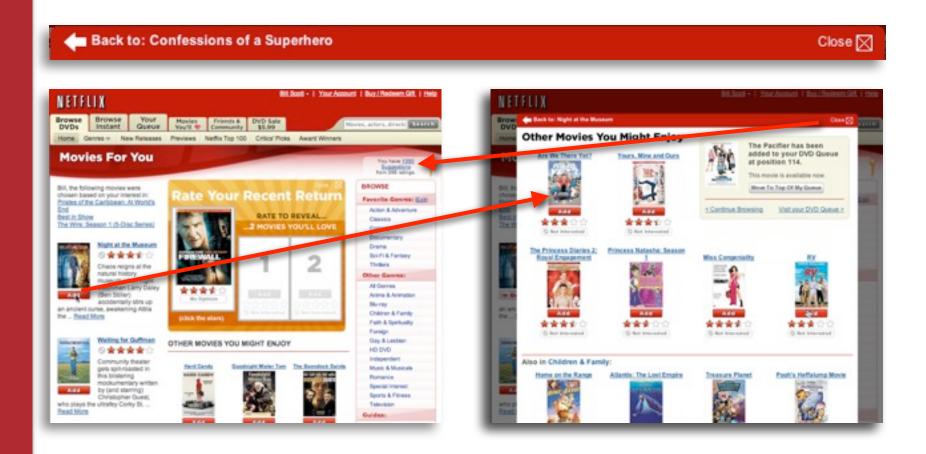
Netflix. Newer version of add to queue



Solution

Encapsulate alternate click stream in an overlay

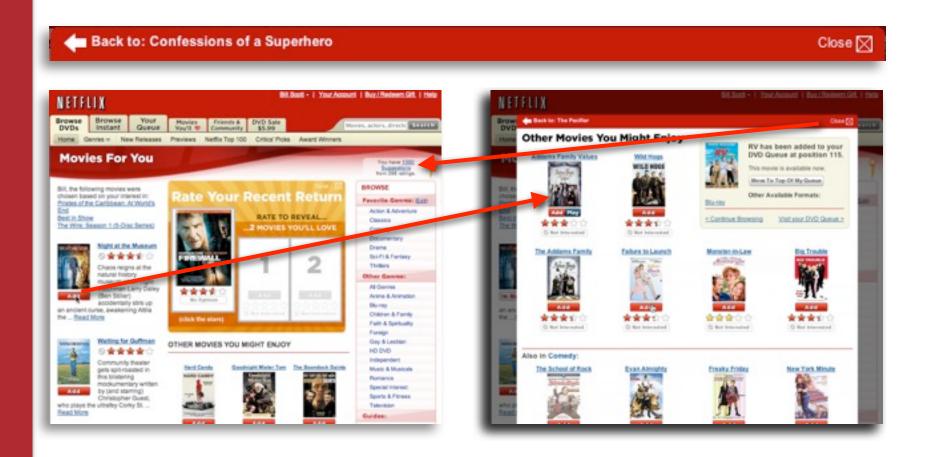
Netflix. Newer version of add to queue



Solution

Encapsulate alternate click stream in an overlay

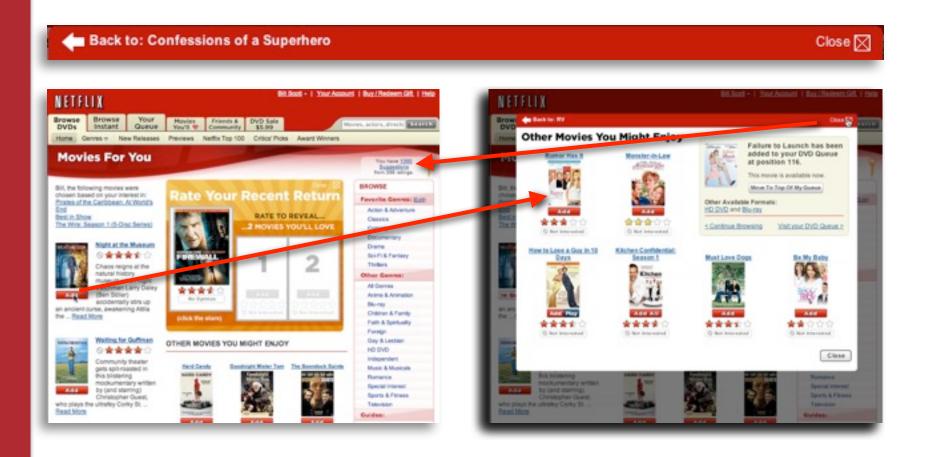
Netflix. Newer version of add to queue



Solution

Encapsulate alternate click stream in an overlay

Netflix. Newer version of add to queue



Solution

Encapsulate alternate click stream in an overlay

Y! Teachers





No obvious close for overlay

Back Button goes to wrong place

Draw flow arrows between pages to catch the zig-zag bouncing from page to page (see Meandering Way).

To avoid pogo effect:

- Use in-context tools to bring actions into the current page
- Use hover details to reveal information in context
- **Use overlays** for encapsulating an alternate navigation path to allow temporary exploration without losing the original context of navigation
- Use in page actions like inline editing, etc. to provide functionality inline.
- Use in-context expands to reveal information on the page.

Watch out for overlays

Can make users resort to back button anyway

Stay on the Page. Anti-Patterns .



anti-pattern. y! photos. idiot boxes

Stay on the Page. Anti-Patterns.

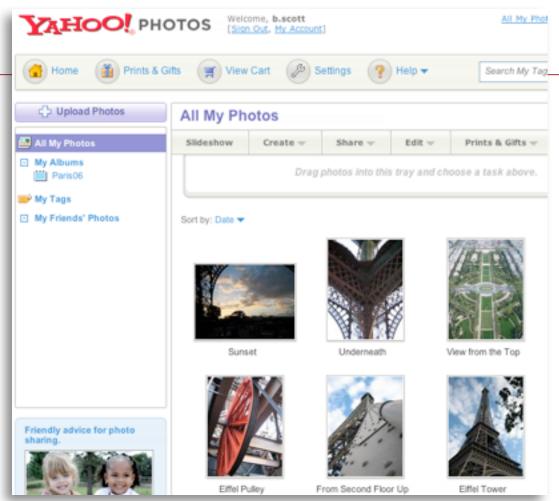


anti-pattern. y! photos. idiot boxes

Stay on the Page. Anti-Patterns.



anti-pattern. borders. hover & cover

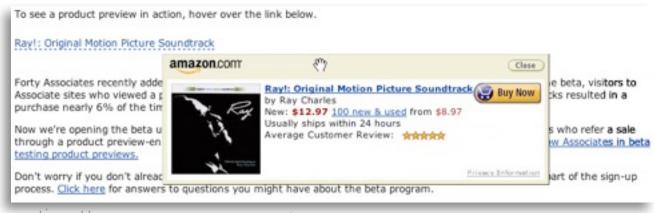


Stay on the Page. Anti-Patterns.

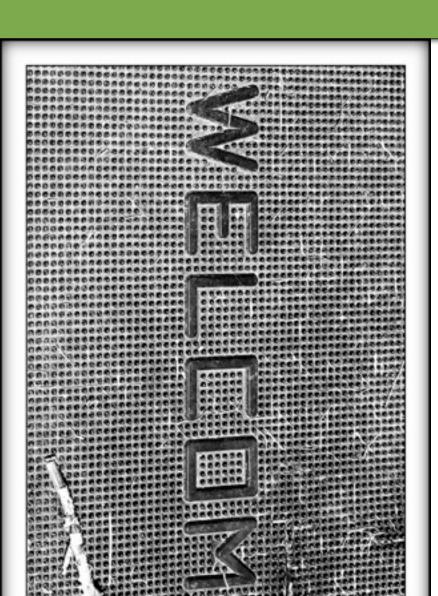


anti-pattern. borders. hover & cover





anti-pattern, amazon, mouse trap



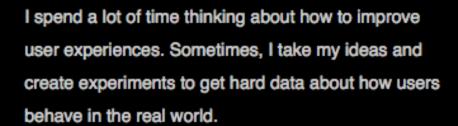


Hello average person,

You should follow me on Twitter.

A quick study exploring the power language has on clickthrough rates.

July 14, 2009



During the past few months, I have been performing an experiment on this site.

At the bottom of most posts here, there's a phrase with

PERMUTATION CLICKTHROUGH

"I'm on <u>Twitter</u>."

4.70%

PERMUTATION CLICKTHROUGH

"I'm on <u>Twitter</u>."

4.70%

PERMUTATION

"Follow me on twitter."

7.31%

"I'm on Twitter."

4.70%

PERMUTATION

"Follow me on twitter."

7.31%

PERMUTATION

"You should follow me on twitter."

10.09%

"I'm on Twitter."

4.70%

PERMUTATION

"Follow me on twitter."

7.31%

PERMUTATION

"You should follow me on twitter."

10.09%

PERMUTATION

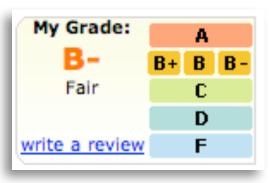
CLICKTHROUGH

"You should follow me on twitter here."

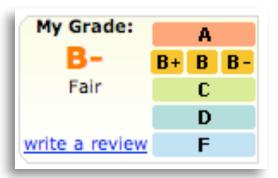
12.81%

Provide an Invitation.

hover invitation.



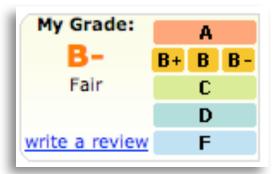
hover invitation.



tour invitation.



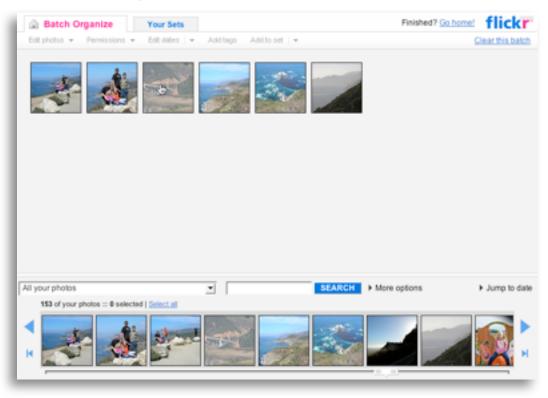
hover invitation.



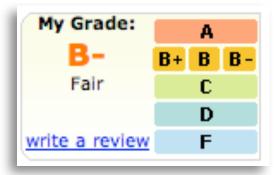
tour invitation.



drop invitation.



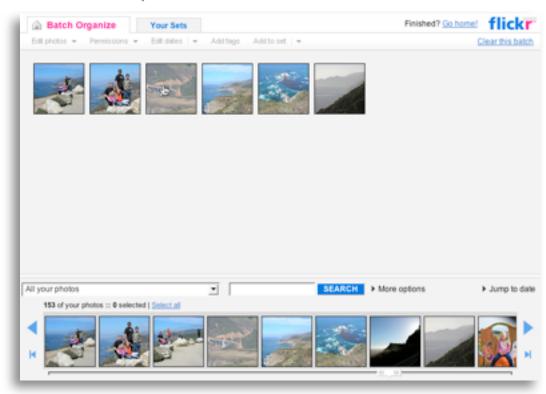
hover invitation.



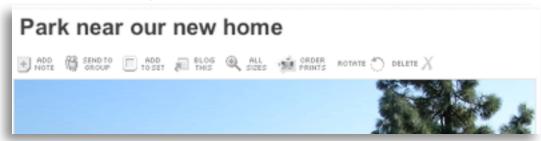
tour invitation.



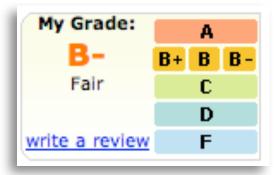
drop invitation.



tooltip invitation + hover invitation + cursor invitation.



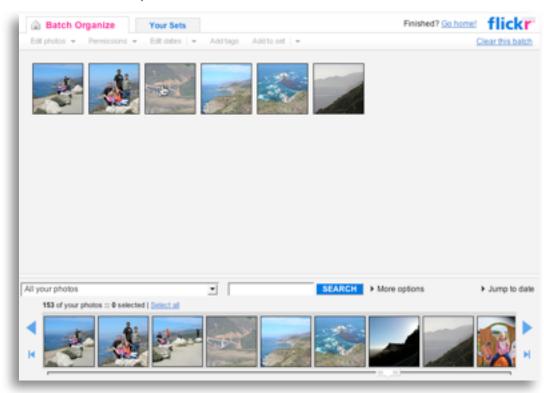
hover invitation.



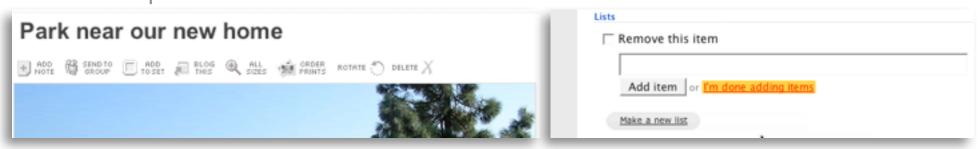
tour invitation.



drop invitation.



tooltip invitation + hover invitation + cursor invitation.

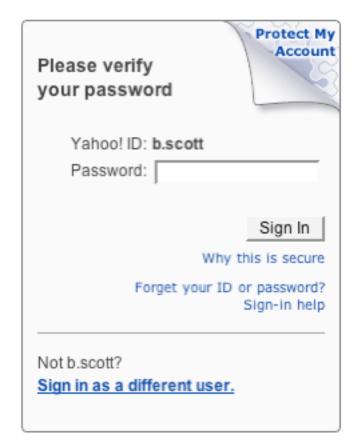


unfinished look

dog-ear blank slots blank slate

unfinished look

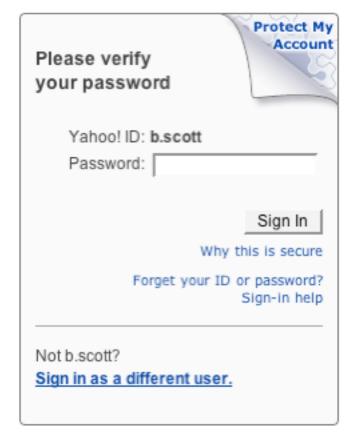
dog-ear blank slots blank slate

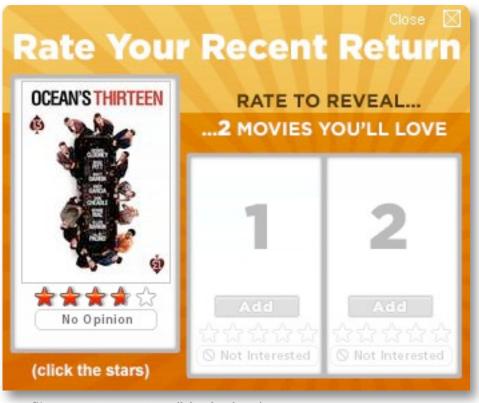


yahoo login! dog-ear invite

unfinished look

dog-ear blank slots blank slate



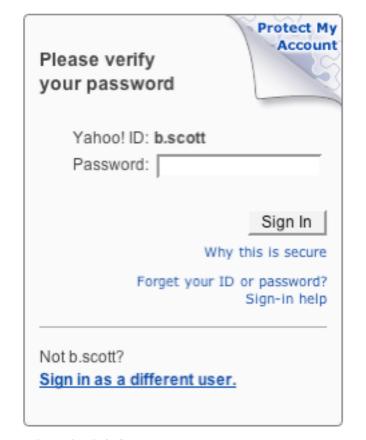


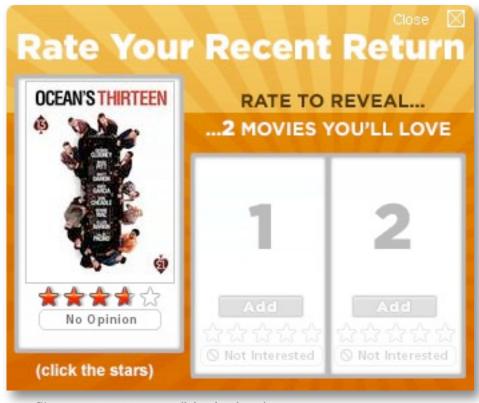
netflix. rate invitiation (blank slots)

yahoo login! dog-ear invite

unfinished look

dog-ear blank slots blank slate





netflix. rate invitiation (blank slots)

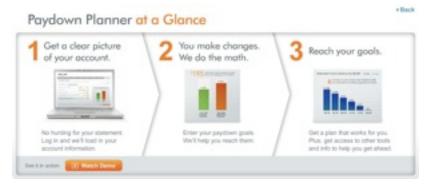


backpackit. blank slate invitation

call to action

1-2-3 messaging spotlighting or lightbox provide a peek

call to action 1-2-3 messaging spotlighting or lightbox provide a peek



discover! I-2-3 call to action

call to action 1-2-3 messaging spotlighting or lightbox provide a peek



discover! I-2-3 call to action



yahoo! tour invitation

call to action 1-2-3 messaging spotlighting or lightbox provide a peek



discover! I-2-3 call to action



yahoo! tour invitation



starz play! sneak peek in carousel

Provide an Invitation. Navigation Invitation.

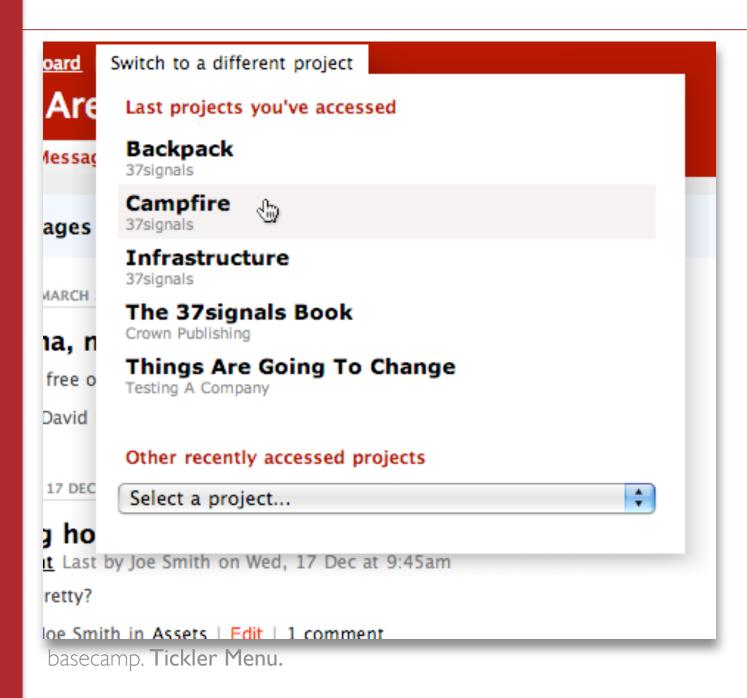


Provide an Invitation. Navigation Invitation.

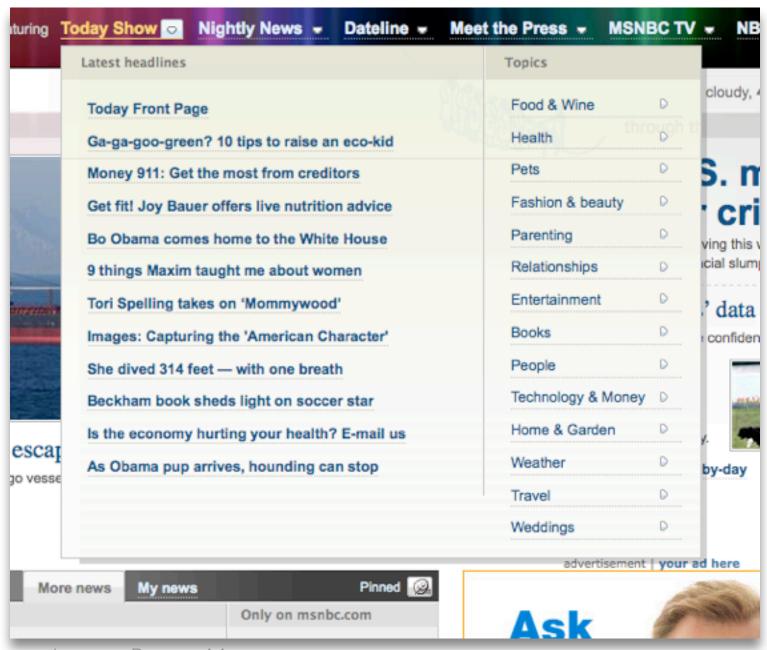


talkeetnaviaggi.it

Provide an Invitation. Tickler Menu.

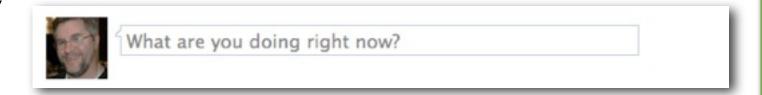


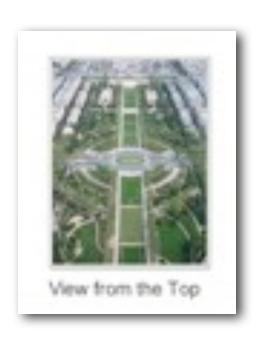
Provide an Invitation. Page as Menu.



msnbc.com. Page as Menu.

discoverability invitations





discoverability invitations



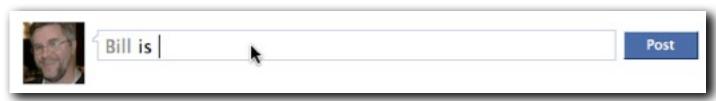
facebook. prompt-based invitation

discoverability invitations



facebook. prompt-based invitation

discoverability invitations



facebook. prompt-based invitation



disqus. explicit "edit" invitation

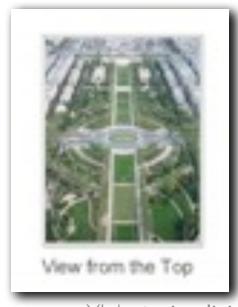
discoverability invitations



facebook. prompt-based invitation



disqus. explicit "edit" invitation



Y!photo. implicit

discoverability invitations



facebook. prompt-based invitation



disqus. explicit "edit" invitation



Y!photo. implicit

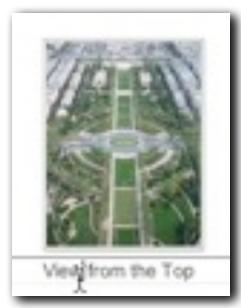
discoverability invitations



facebook. prompt-based invitation

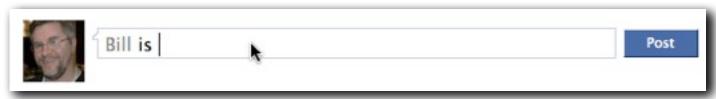


disqus. explicit "edit" invitation



Y!photo. implicit

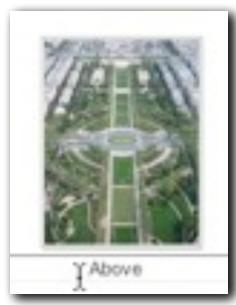
discoverability invitations



facebook. prompt-based invitation



disqus. explicit "edit" invitation



Y!photo. implicit

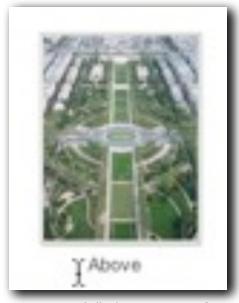
discoverability invitations



facebook. prompt-based invitation

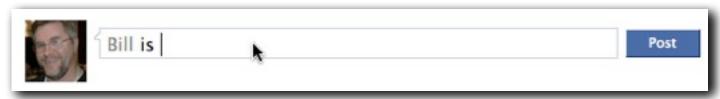


disqus. explicit "edit" invitation



Y!photo. implicit

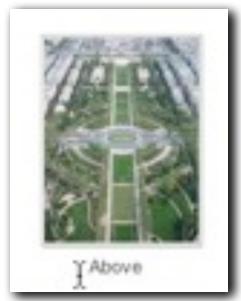
discoverability invitations



facebook. prompt-based invitation



disqus. explicit "edit" invitation



Y!photo. implicit



flickr. on hover

Discoverability

No easy answer
Use the hover to reveal interaction
Use the familiar to teach the new
Can't flag all interactions



State park near our home in San Jose

5 photos | Add a comment?

Photos are from 22 Oct 05.

Discoverability

No easy answer
Use the hover to reveal interaction
Use the familiar to teach the new
Can't flag all interactions



flickr. hover invitation

Discoverability

No easy answer
Use the hover to reveal interaction
Use the familiar to teach the new
Can't flag all interactions



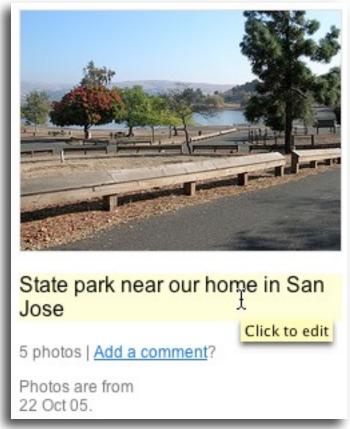
flickr. hover invitation



backpackit (fake). being too explicit

Discoverability

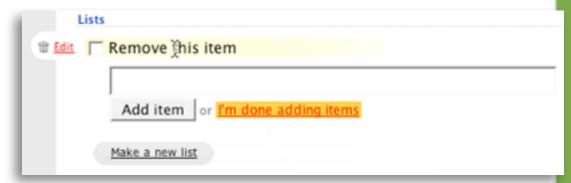
No easy answer
Use the hover to reveal interaction
Use the familiar to teach the new
Can't flag all interactions



flickr. hover invitation



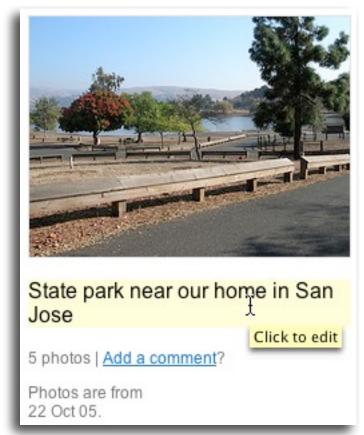
backpackit (fake). being too explicit



backpackit. tooltip invitation + hover invitation + cursor invitation

Discoverability

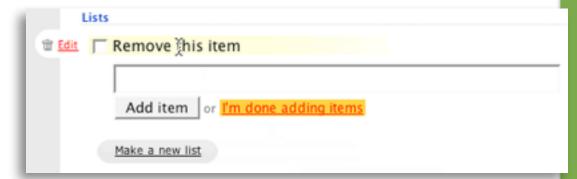
No easy answer
Use the hover to reveal interaction
Use the familiar to teach the new
Can't flag all interactions



flickr, hover invitation



backpackit (fake). being too explicit



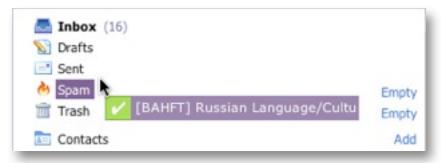
backpackit. tooltip invitation + hover invitation + cursor invitation



y! movies. hover invitation

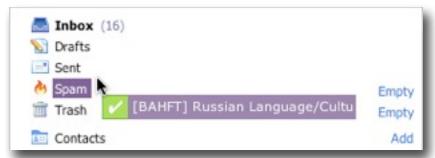
drag and drop

use the interesting moments before, during and after



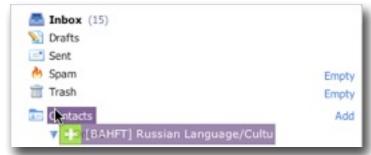
drag and drop

use the interesting moments before, during and after



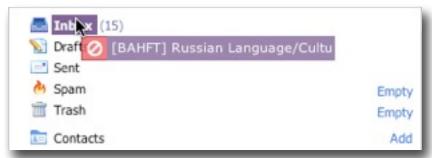
drag and drop

use the interesting moments before, during and after



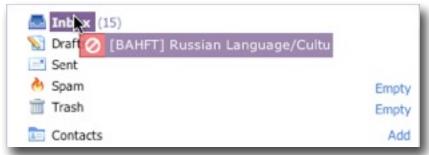
drag and drop

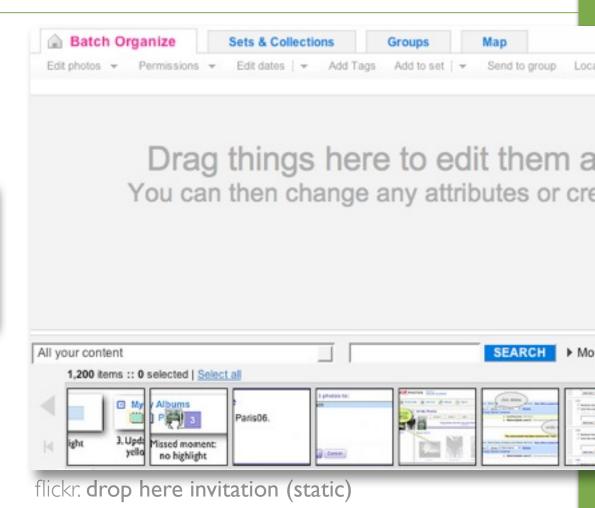
use the interesting moments before, during and after



drag and drop

use the interesting moments before, during and after





bridge the new with the old

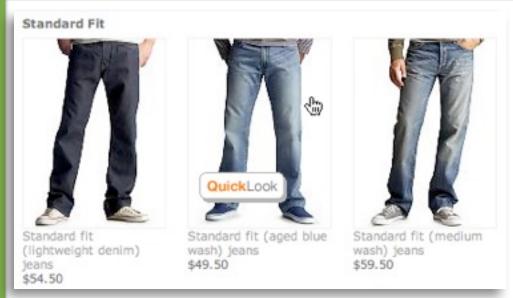
hyperlinks as actions reveal with hovers drop down clues

Standard fit (lightweight denim) jeans \$49.50 Standard Fit (aged blue wash) jeans \$59.50

bridge the new with the old

hyperlinks as actions reveal with hovers drop down clues

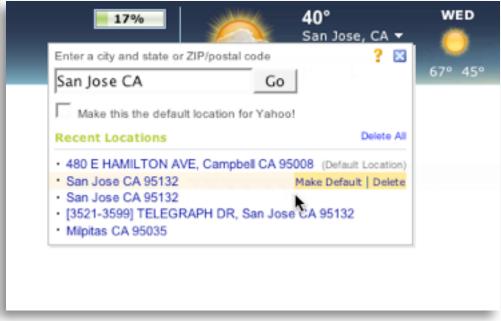
the gap. button



bridge the new with the old

hyperlinks as actions reveal with hovers drop down clues

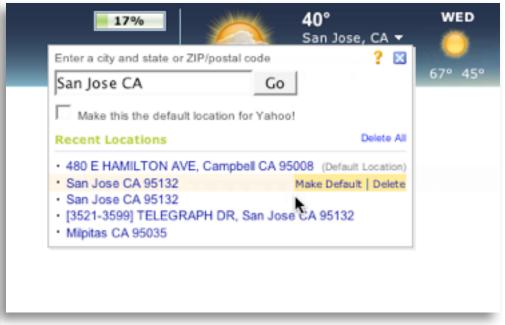
the gap. button



y! mail. embedded buttons



the gap. button

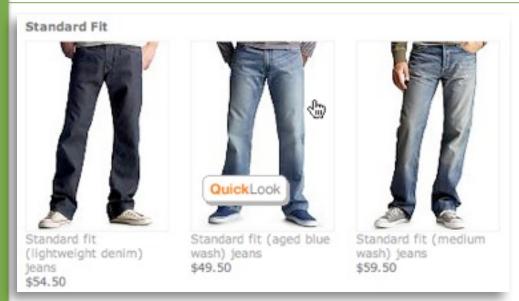


bridge the new with the old

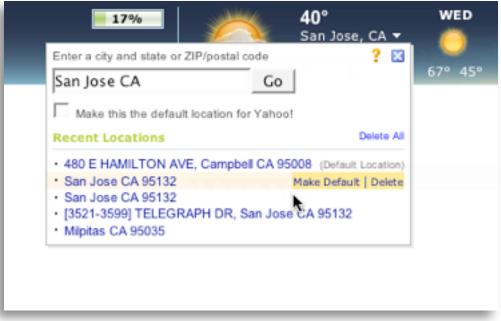
hyperlinks as actions reveal with hovers drop down clues



backpackit. revealed hyperlinks/icons



the gap. button



bridge the new with the old

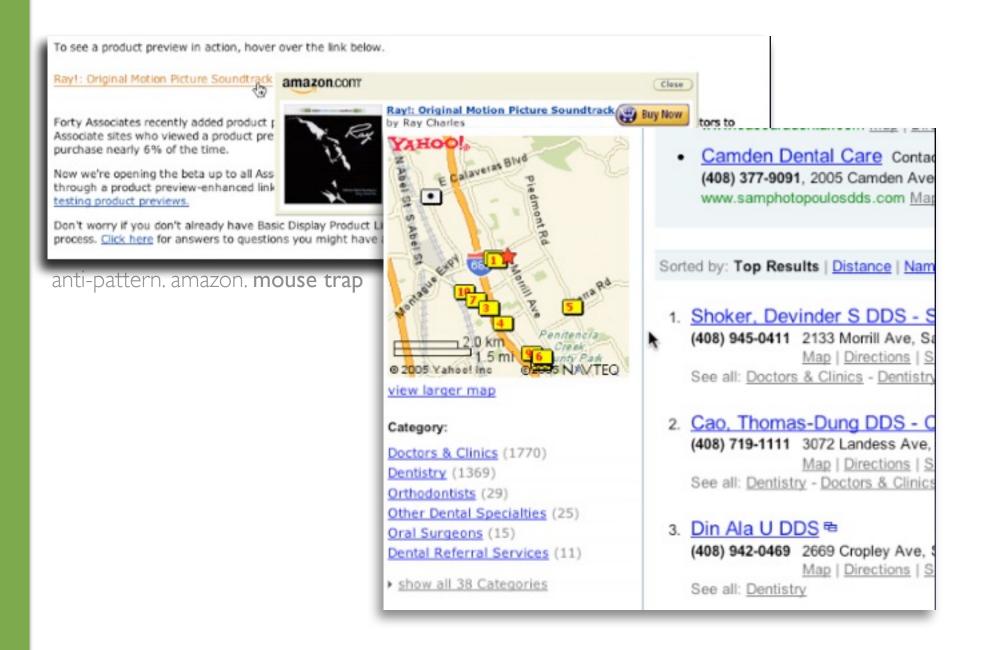
hyperlinks as actions reveal with hovers drop down clues

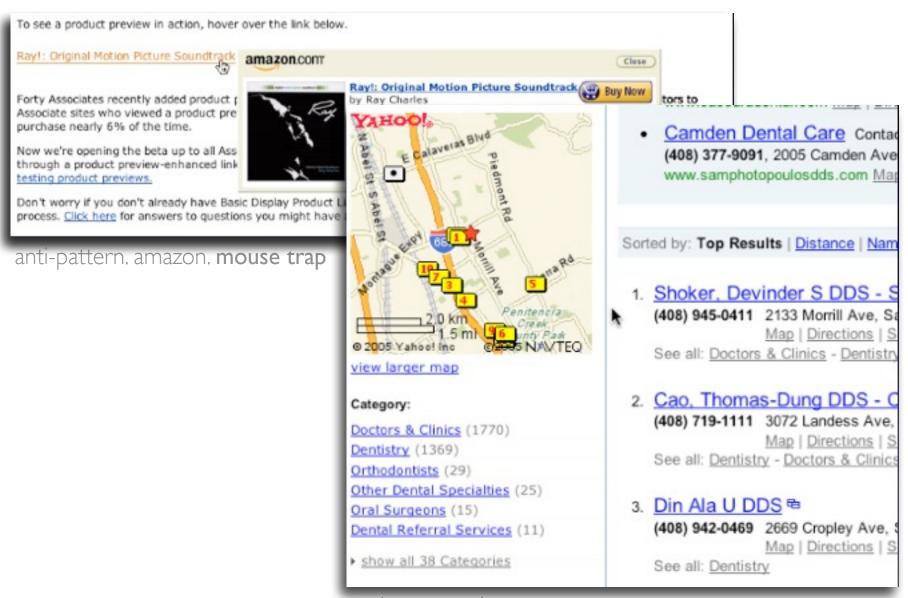


backpackit. revealed hyperlinks/icons



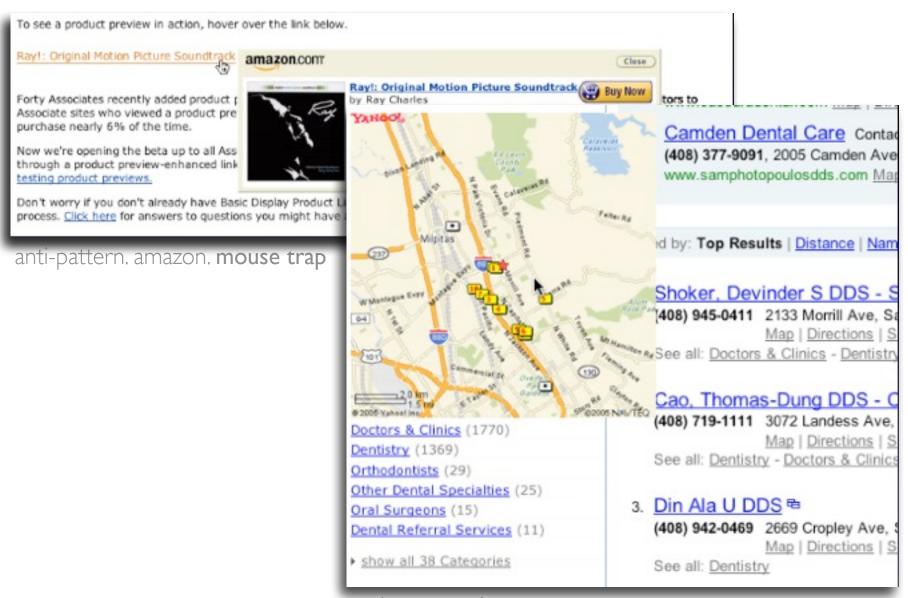
flickr. drop down affordance





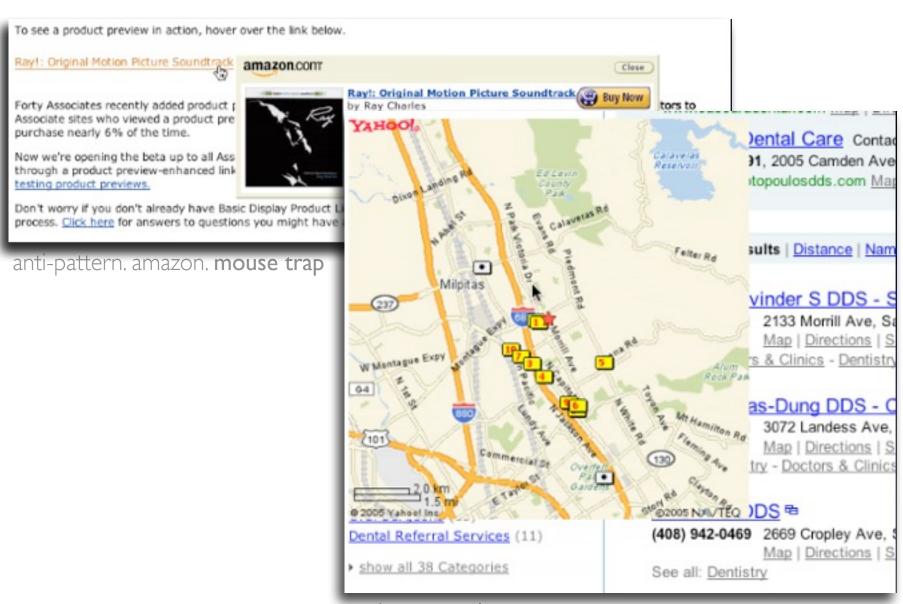
anti-pattern. y! maps. mouse trap

Anti-Pattern. Mouse Trap.



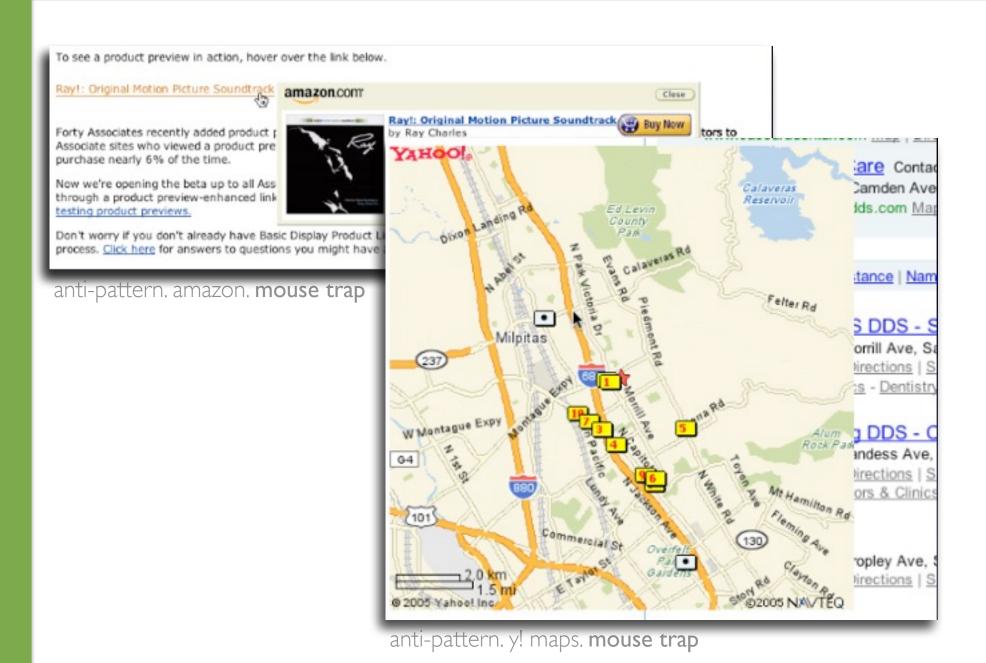
anti-pattern. y! maps. mouse trap

Anti-Pattern. Mouse Trap.



anti-pattern. y! maps. mouse trap

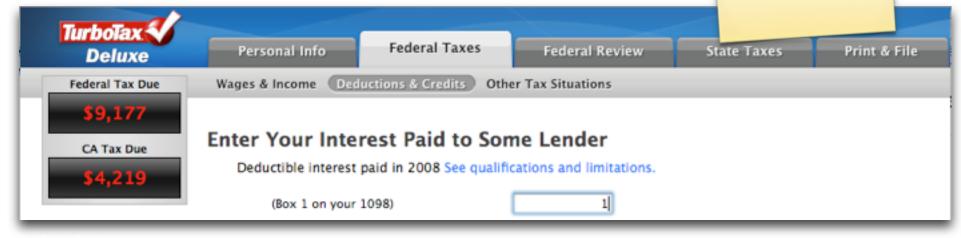
Anti-Pattern. Mouse Trap.





Why?



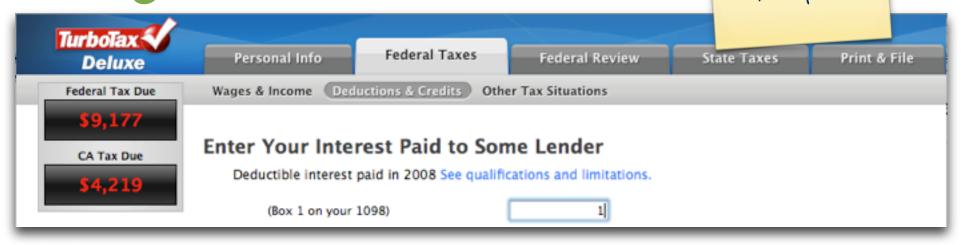


Why?





Why?







nbc.com

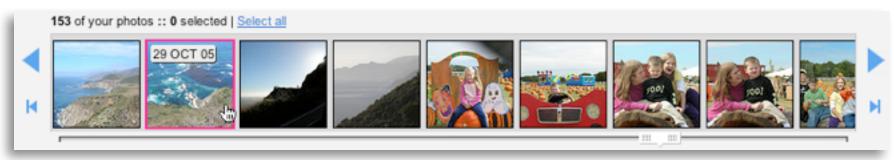
Use Transitions.

Lists
☐ Remove this item
☐ And this one too
⊞ Edit
Add item or I'm done adding items

pattern. fade transition + self-healing transition.

	Lists
	Remove this item
	☐ And this one too
चे <u>Edit</u>	adding a new item
	Add item or I'm done adding items

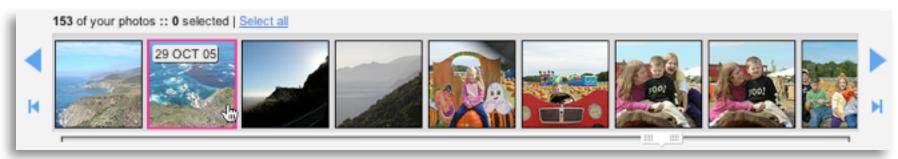
pattern. fade transition + self-healing transition.



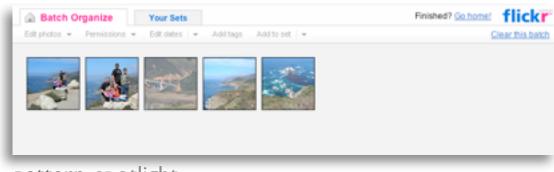
pattern. slide + animate.

	Lists
	Remove this item
	And this one too
tir <u>Edi</u>	adding a new item
	Add item or Fm done adding items

pattern. fade transition + self-healing transition.



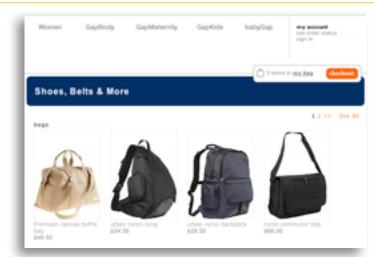
pattern. slide + animate.



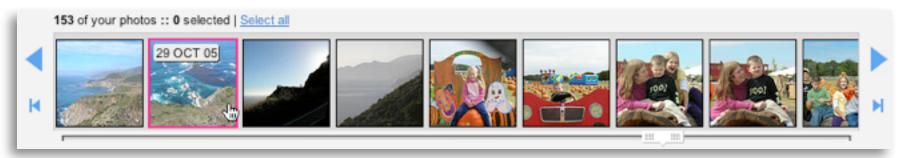
pattern. spotlight.

	Lists
	☐ Remove this item
	☐ And this one too
tir <u>Edit</u>	adding a new item
	Add item or I'm done adding items

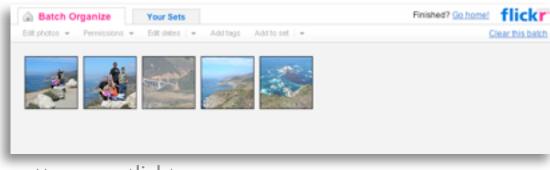
pattern. fade transition + self-healing transition.



pattern. zoom box.



pattern. slide + animate.

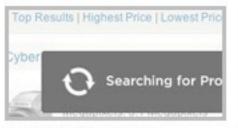


pattern. spotlight.



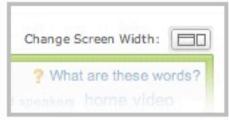
Animate Transition

Designer needs to communicate that an object is changing its spatial relationship within the page.



Brighten Transition

Designer wants to make a previously dimmed object a point of focus by making the object bright again.



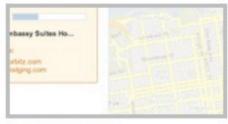
Collapse Transition

The designer needs to communicate that an object is no longer of primary importance, yet wants to keep it available in a smaller form.



Cross Fade Transition

Designer wants to communicate that a new view of an object is replacing the previous view of the object.



Dim Transition

Designer needs to communicate that an object is of secondary importance.



Expand Transition

Designer needs to show the detail of an object in its context or reveal a previously collapsed object.



Fade In Transition



Fade Out Transition



Self Healing Transition

is changing its spatial relationship within the page.

point of focus by making the object bright again.

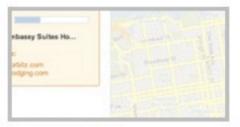
is no longer of primary importance, yet wants to keep it available in a smaller form.

Use Transitions.



Cross Fade Transition

Designer wants to communicate that a new view of an object is replacing the previous view of the object.



Dim Transition

Designer needs to communicate that an object is of secondary importance.



Expand Transition

Designer needs to show the detail of an object in its context or reveal a previously collapsed object.



Fade In Transition

Designer needs to communicate that an object is being added to the page or application.



Fade Out Transition

Designer needs to communicate that an object is going away.



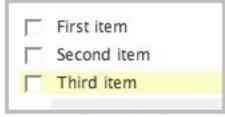
Self Healing Transition

Designer wants to show that an object has been removed from a list of objects.



Slide Transition

The designer wants to bring



Spotlight Transition

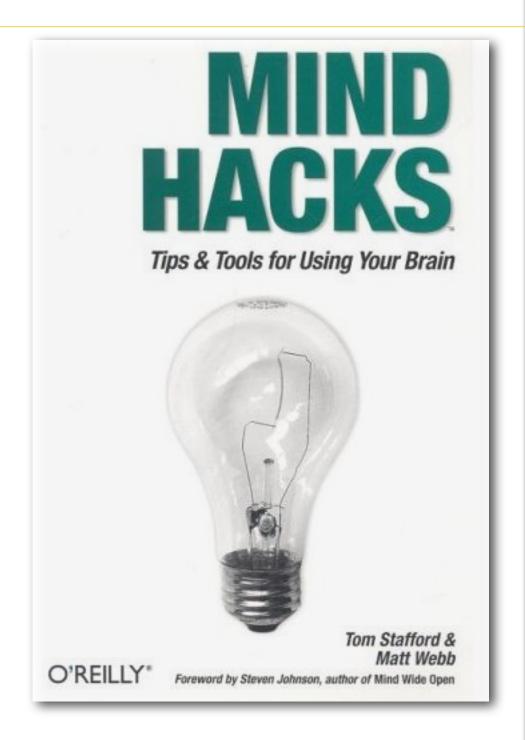
Designer needs to call

Speak to the brain

Understanding attention processing

Speak to the brain

Understanding attention processing

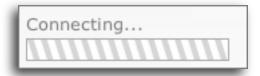


you can...

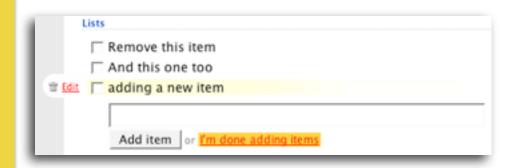
you can...

Connecting	

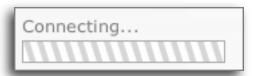
you can...



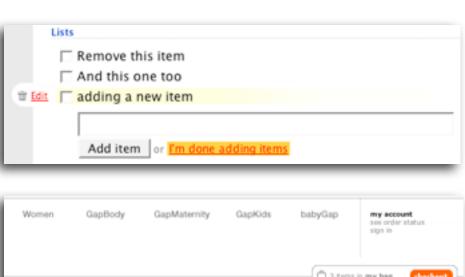




you can...





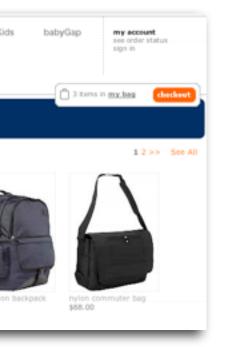


Shoes, Belts & More

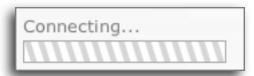
\$34,50

bags

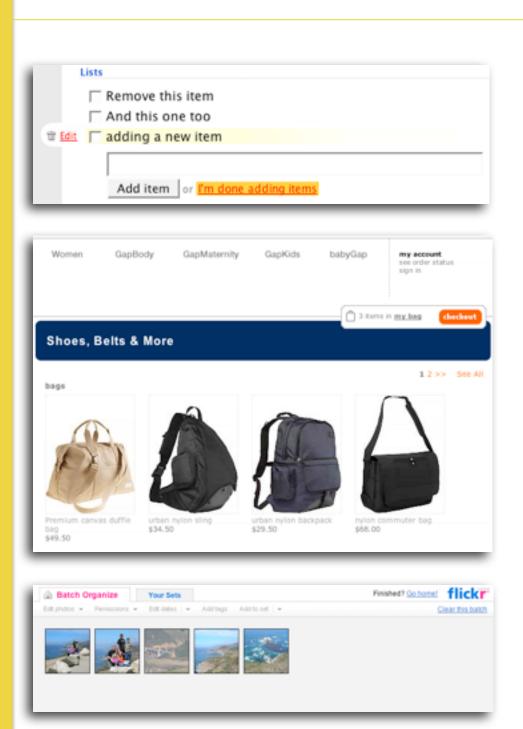
549.50



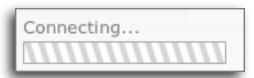
you can...







you can...







Keep it sane

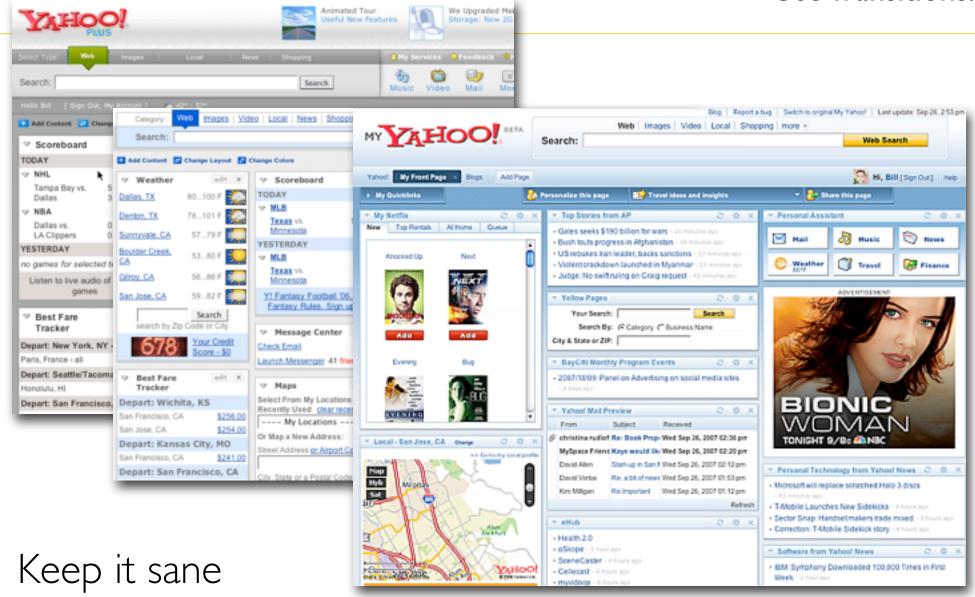
"Cut it in-half" rule of thumb Use "contrast knob" approach

Use Transitions.



Keep it sane

"Cut it in-half" rule of thumb Use "contrast knob" approach



"Cut it in-half" rule of thumb Use "contrast knob" approach

summary

Animation effects that become the central focus instead of being part of reinforcing a message.

patterns

animation gone wild stalker needless fanfare

Why the extra little slide in?



Water thoroughly so the soil is moist to a depth of 6 to 8 inches.

Step Twelve

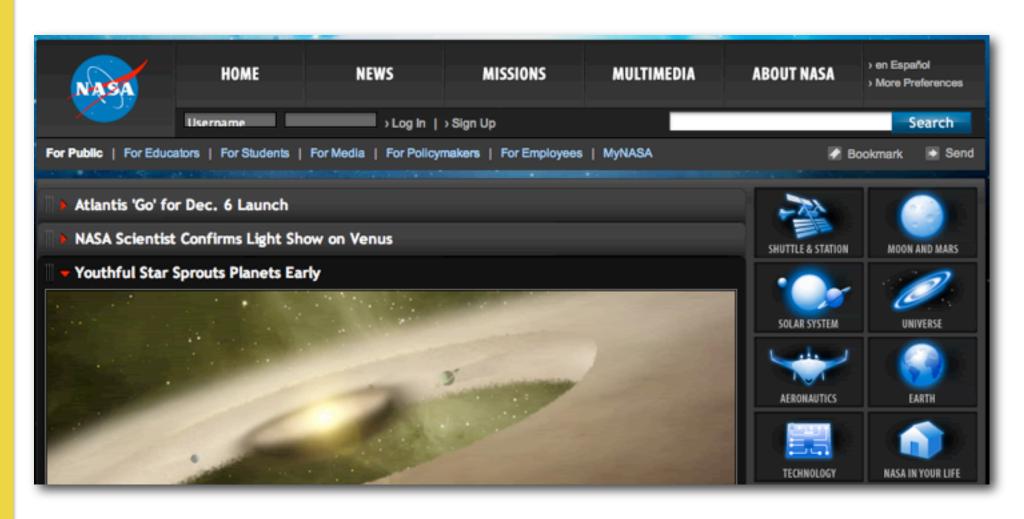
Keep the seed bed moist (but not soggy) until sod roots knit with soil below. In hot weather, you may have to water more than once a day.

Tips & Warnings



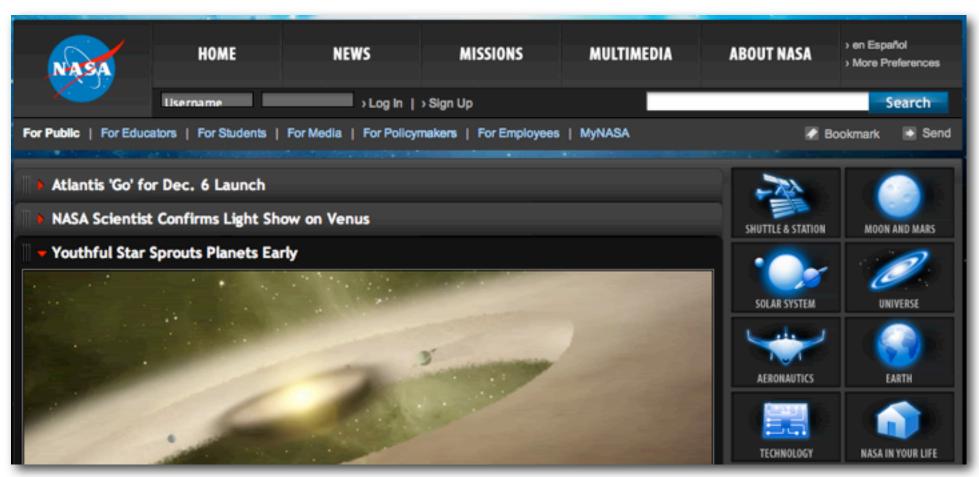
- Lay the sod on dry soil to avoid a muddy mess.
- When laying sod, kneel on a piece of plywood so you don't disturb soil or damage sod, and use kneepads to keep your knees from getting sore.
- Laying sod is hard work. Enlist the help of friends, and use a wheelbarrow to cart pieces around.
- Keep <u>pets</u> and kids off your new lawn by enclosing it with stakes and string.
- Avoid letting sod dry out, whether it's stacked in a pile or already laid. Occasionally sprinkle with water from a handheld hose to keep it moist,

animated menus... so 90's

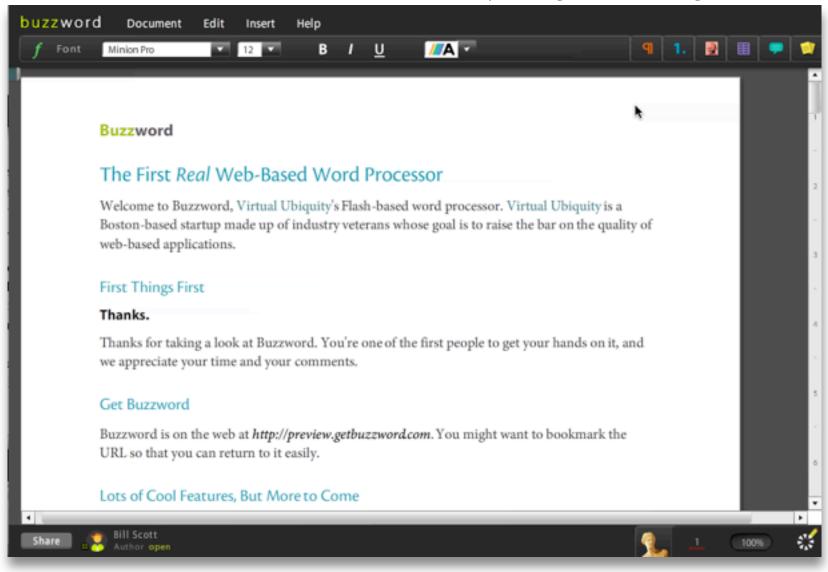


animated menus... so 90's

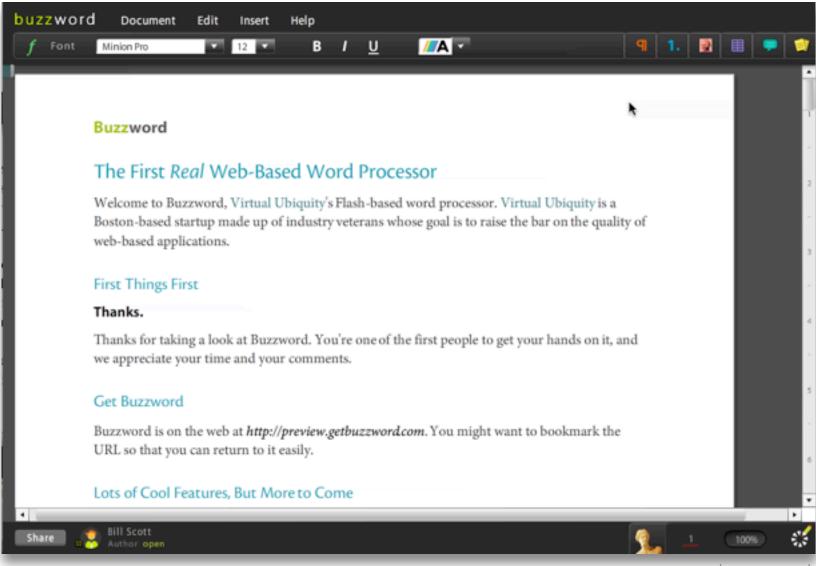
nasa.gov



too many things animating on hover



too many things animating on hover



buzzword

Anti-Pattern. Needless Fanfare.

anti-pattern. amazon. animation gone wild



anti-pattern. amazon. animation gone wild

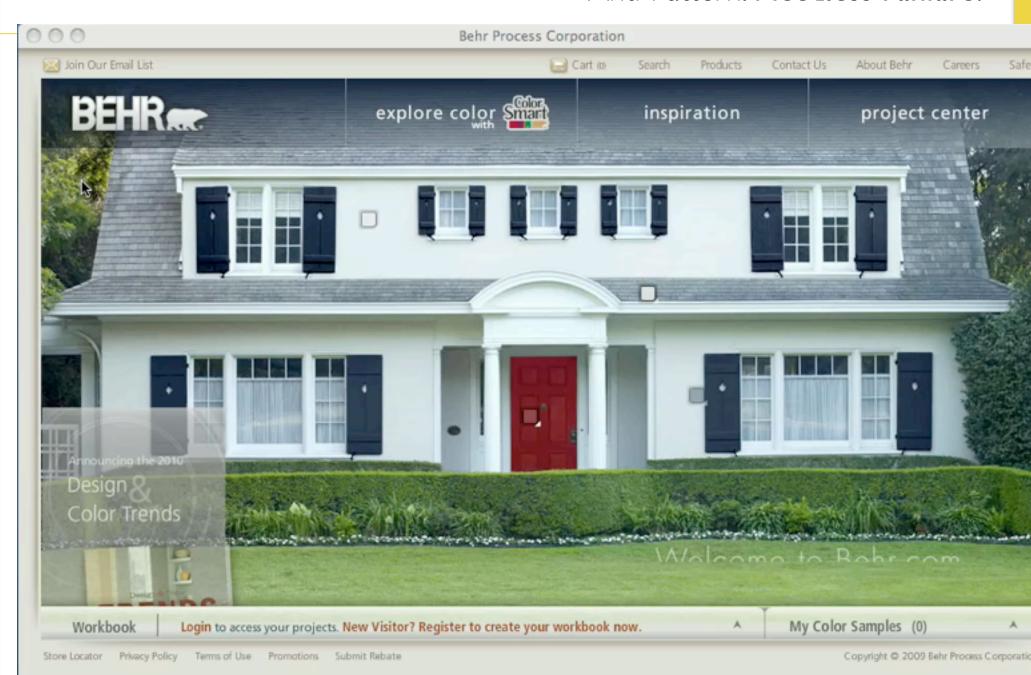


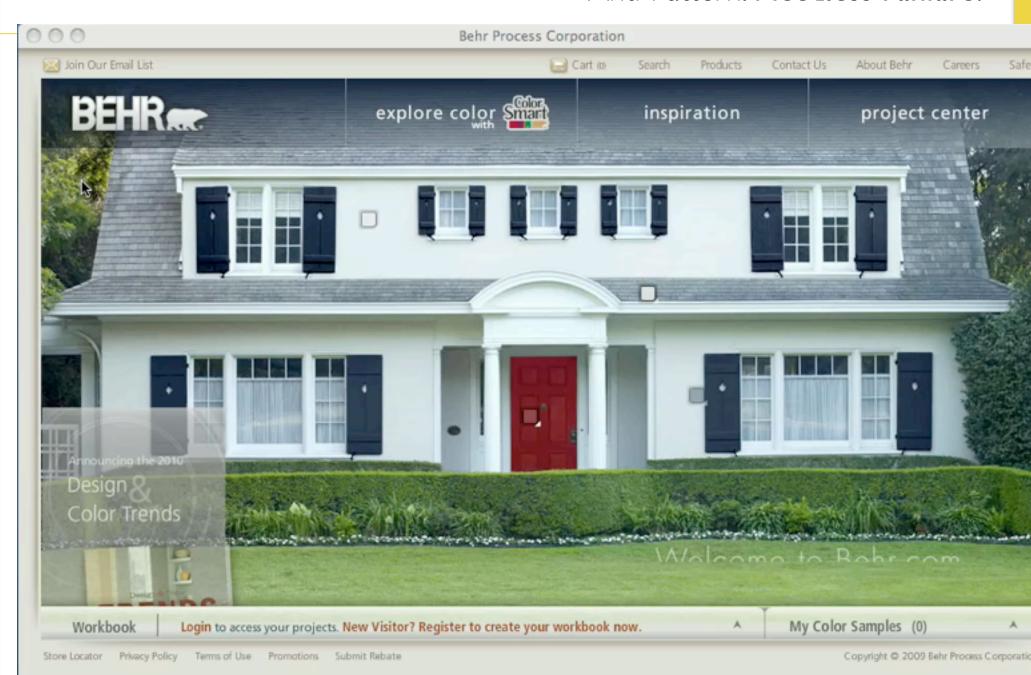
anti-pattern. afi. animation gone wild

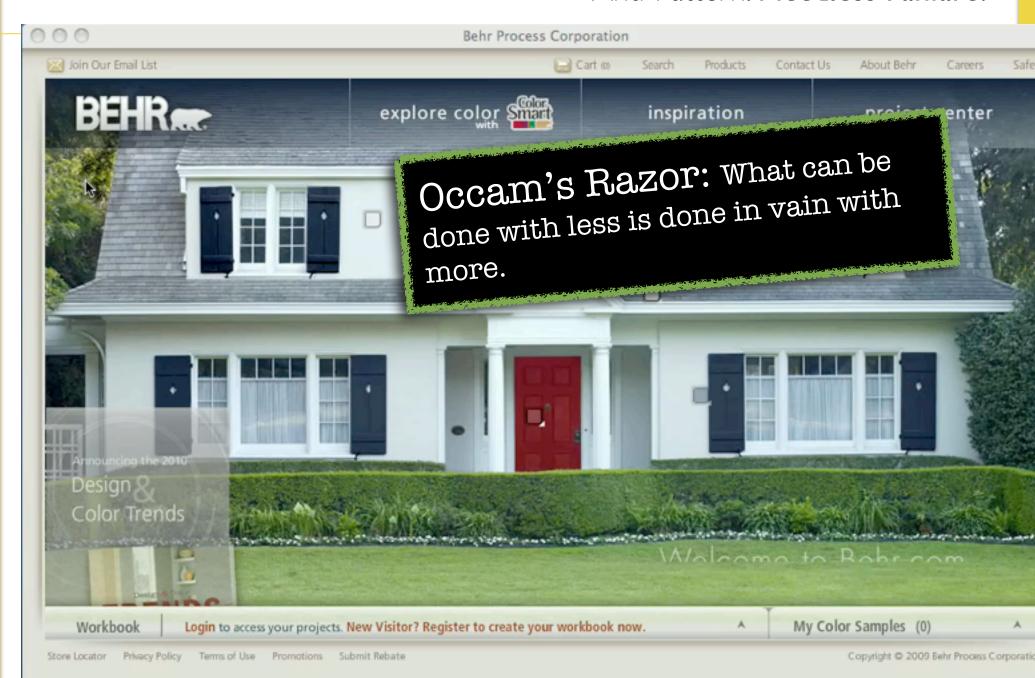
Anti-Pattern. Needless Fanfare .

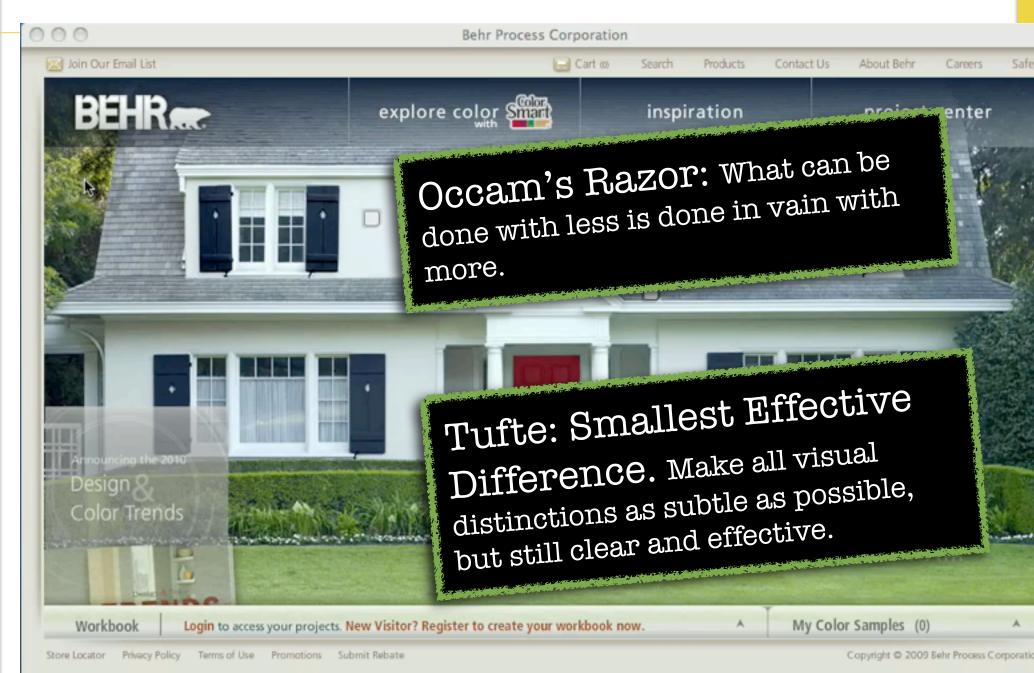


borders

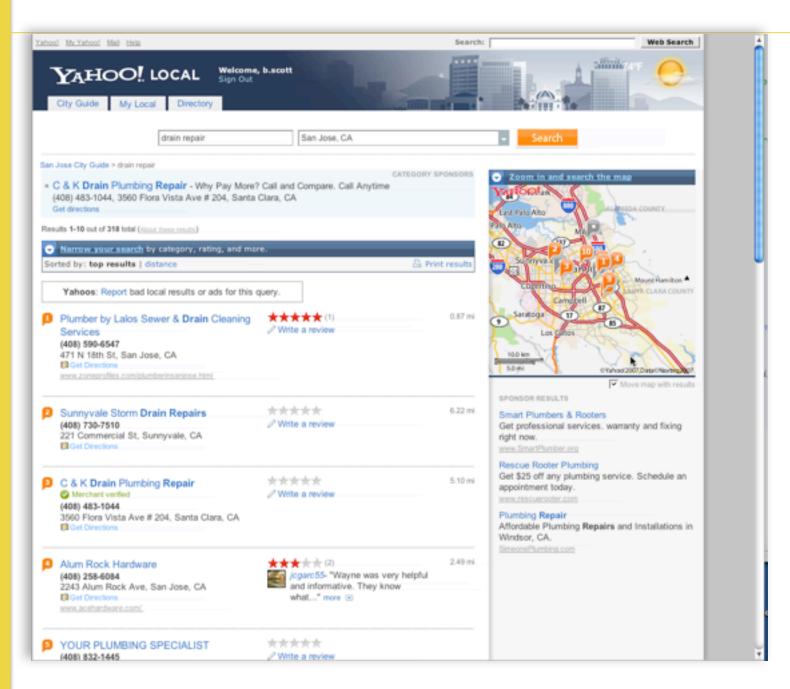




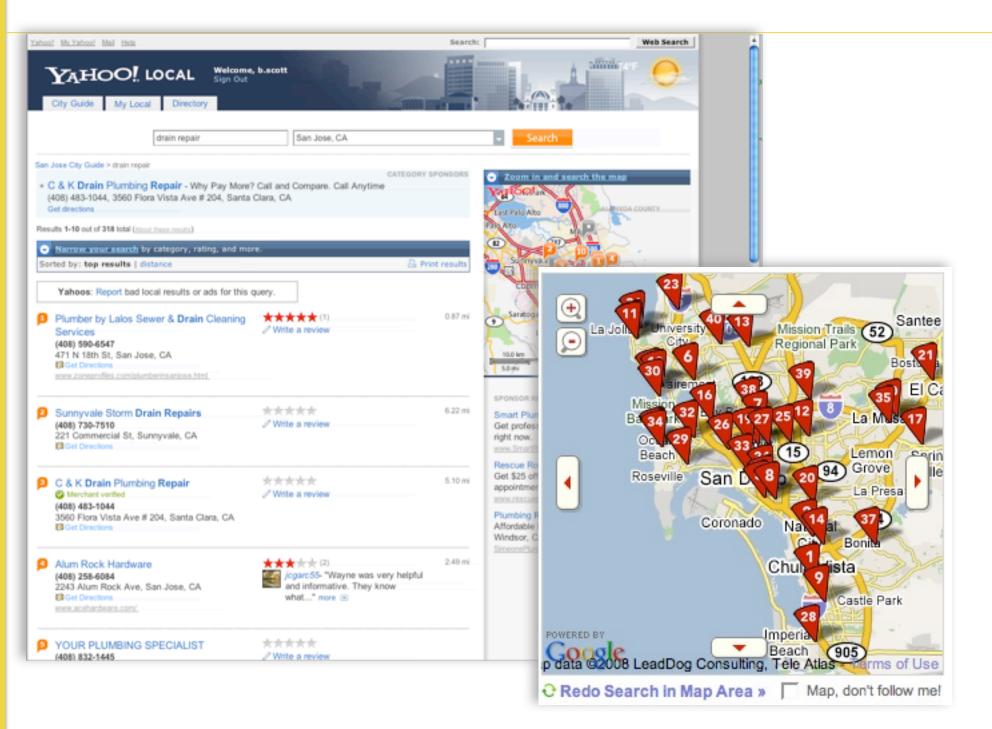




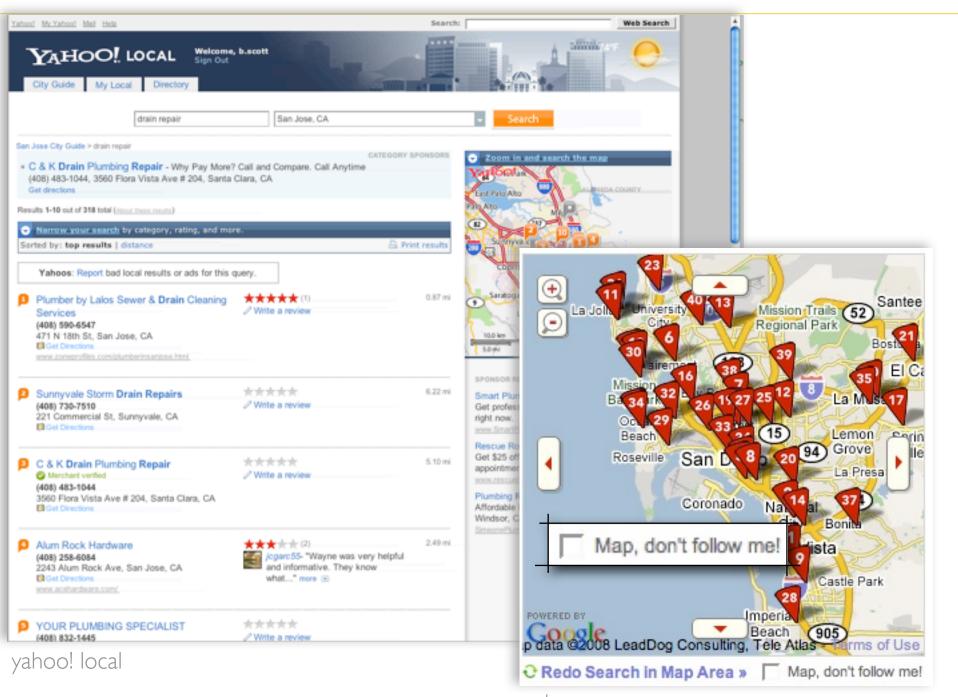
Anti-Pattern. Stalker.



Anti-Pattern Stalker.



Anti-Pattern Stalker.



yelp



y! teachers gobbler. instantly there

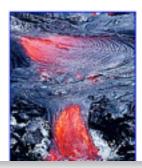
Typical growth of a lava delta at Kilauea Volcano

1. Pahoehoe lava first enters ocean quietly

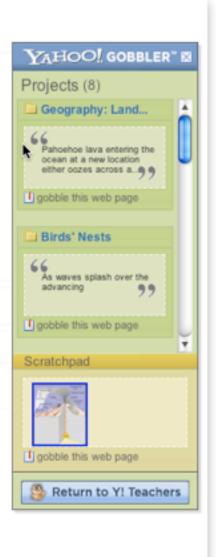




Pahoehoe lava entering the ocean at a new location either oozes across a cobble or black sand beach or spills over a sea cliff, typically 1 to 5 m tall. As waves splash over the advancing lava, the surface of the molten stream cools quickly and shatters into small, glassy fragments. Because the seawater does not become trapped or confined within the lava, explosions rarely occur. For this reason, the first few hours of a new ocean entry are the safest time to view up close lava entering the sea.







y! teachers gobbler. instantly there

Transitions should mean something. They communicate.

Understand the hierarchy of transition communication

Rapid movement

Rapid color change

Slow movement

Slow color change

If you are refactoring a wild interface, simply **turn off all animations** and start by communicating fully without it, then **add it back in one at a time**.

React Immediately



Late Night Comedies

Based on your interest in

National Lampoon's Pledge This! The Stoned Age Team America: World Police

Set this genre

Late Night Comedies









Humboldt County







Revenge of the Nerds: Panty Raid Edition







The Onion Movie





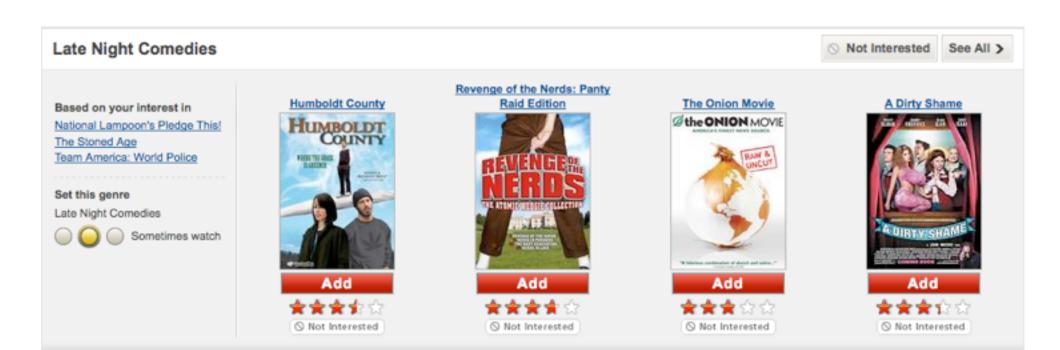


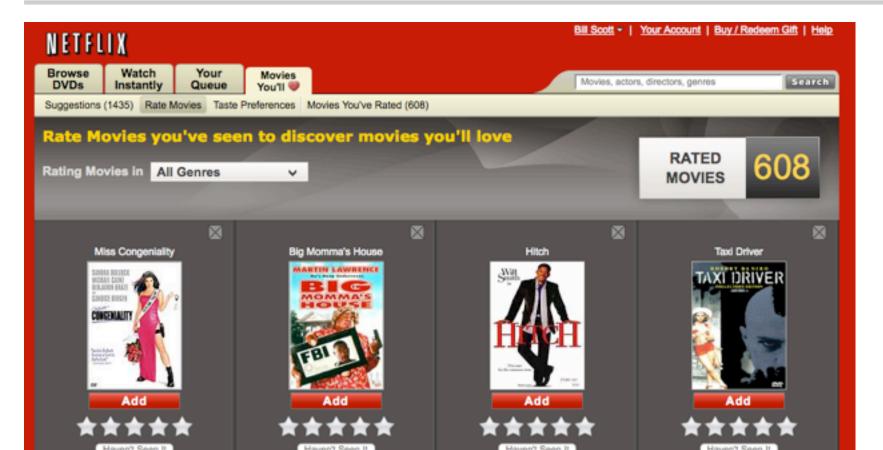
A Dirty Shame



Add

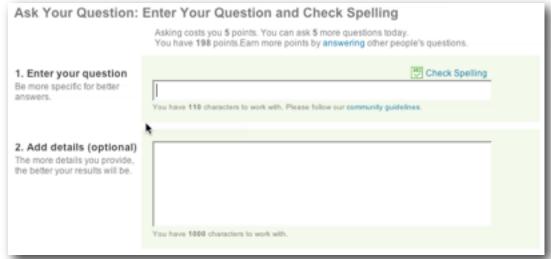






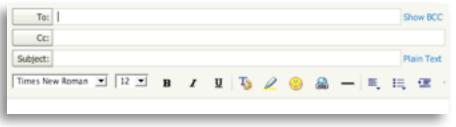


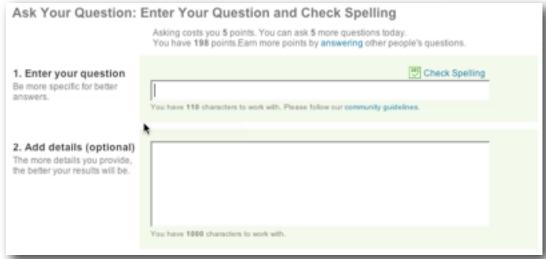




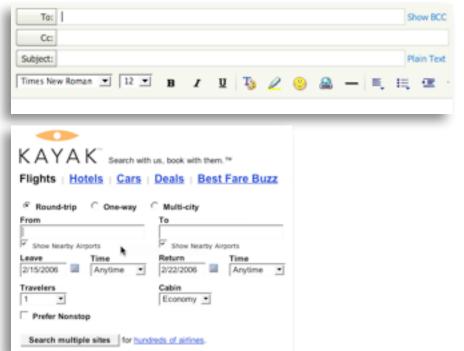


y! mail, kayak. auto complete

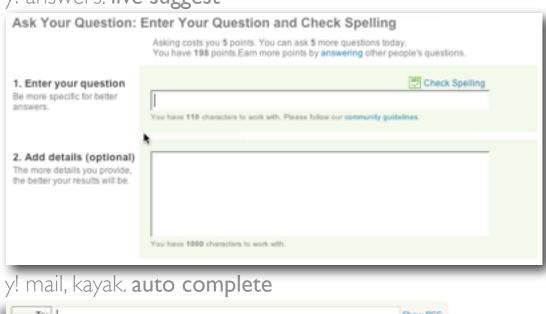




y! mail, kayak. auto complete

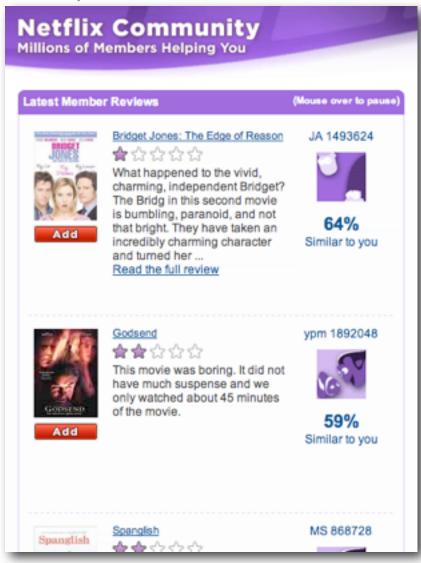


Search multiple sites for hundreds of airlines.



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To:		Show BCC
Cc:		
Subject:		Plain Text
Times New Roman 💌 12 _	В 1 Ц 🤚 🖉	3 A − E E E :
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KAYAK Search wi		
	Deals Best Fare Buzz	
© Round-trip ○ One-way	C Multi-city	
From	То	
	g	
Show Nearby Airports	Show Nearby Airports	
2/15/2006 Anytime		
Travelers	Cabin Economy *	
Prefer Nonstop	Economy [2]	
- remainstay		

netflix. periodic refresh



y! answers. live suggest Ask Your Question: Enter Your Question and Check Spelling Asking costs you 5 points. You can ask 5 more questions today. You have 198 points. Earn more points by answering other people's questions. Check Spelling Enter your question Be more specific for better answers. You have 110 characters to work with. Please follow our community guidelines. 2. Add details (optional) The more details you provide, the better your results will be. You have 1000 characters to work with. y! mail, kayak. auto complete To: Show BCC Cc: Plain Text Subject: Times New Roman ▼ 12 ▼ y!mail. busy indicator KAYAK Search with us, book with them, to Check Mail Compose Flights | Hotels | Cars | Deals | Best Fare Buzz Round-trip Cone-way Multi-city Q- from: darren Stop From Show Nearby Airports Show Nearby Airports

2/22/2006

Cabin Economy *

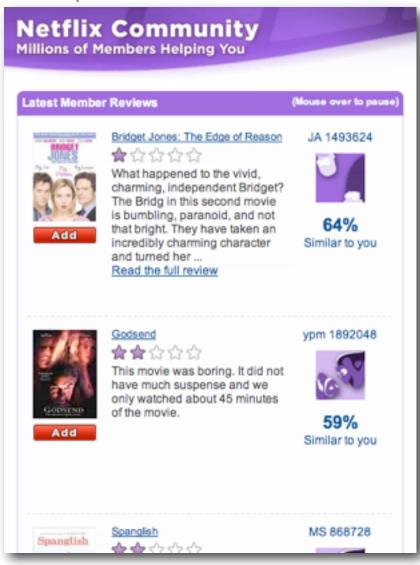
Leave

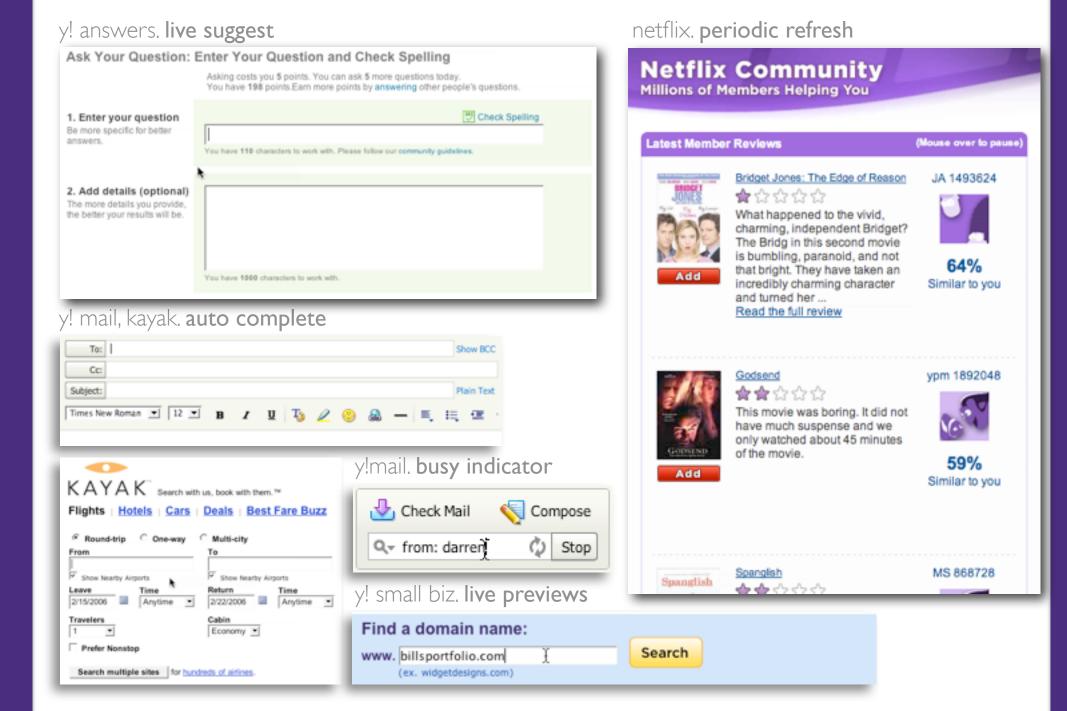
2/15/2006 Travelers

Prefer Nonstop

Search multiple sites for hundreds of airlines.

netflix. periodic refresh





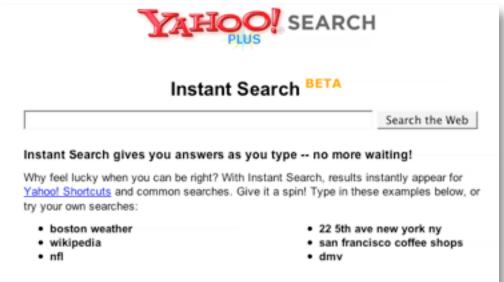
Design for relevancy Is it narrowing or distracting

Design for relevancy Is it narrowing or distracting



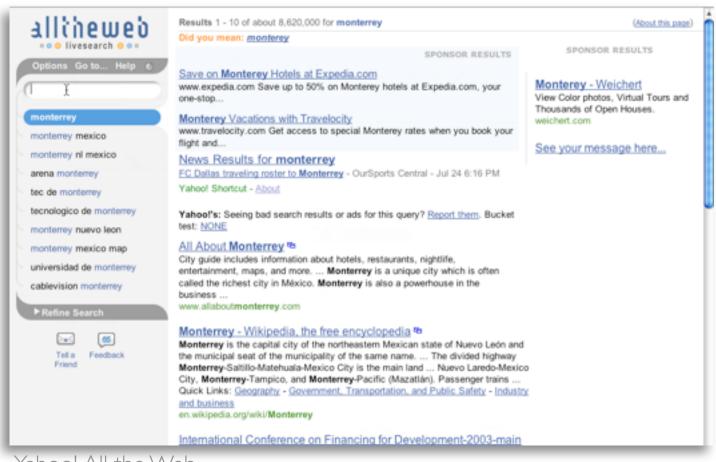
Design for relevancy Is it narrowing or distracting





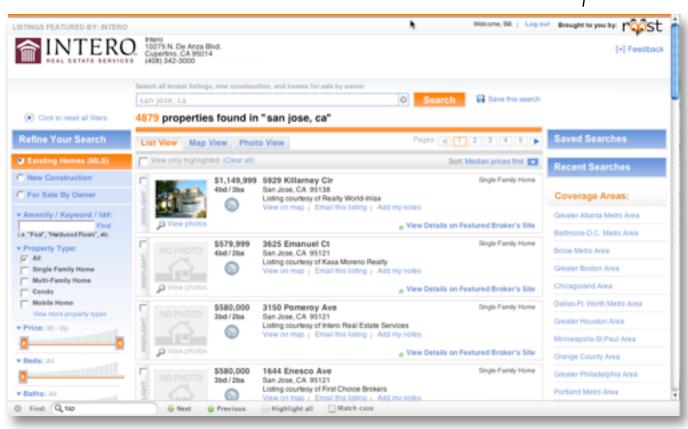
Design for relevancy Is it narrowing or distracting? Use feedback to boost confidence Let the user iterate where possible

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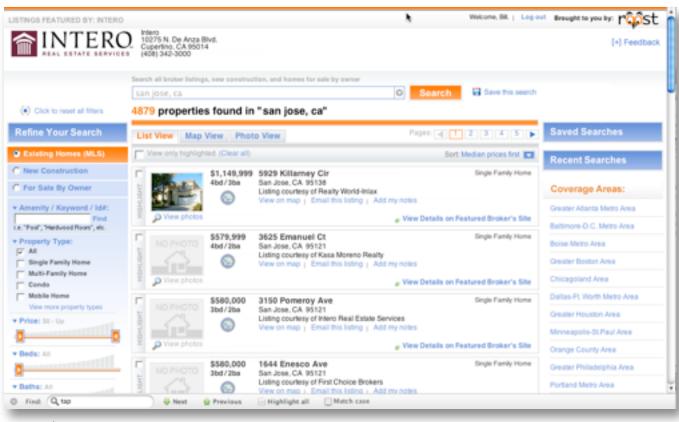


Yahoo! All the Web

Design for relevancy
Is it narrowing or distracting?
Use feedback to boost confidence
Let the user iterate where possible



Design for relevancy Is it narrowing or distracting? Use feedback to boost confidence Let the user iterate where possible



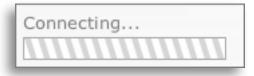
Shape user perception

Make time pass faster Make application feel more responsive

Shape user perception

Make time pass faster

Make application feel more responsive



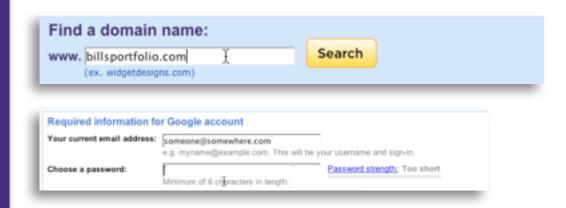
Shape user perception

Make time pass faster

Make application feel more responsive

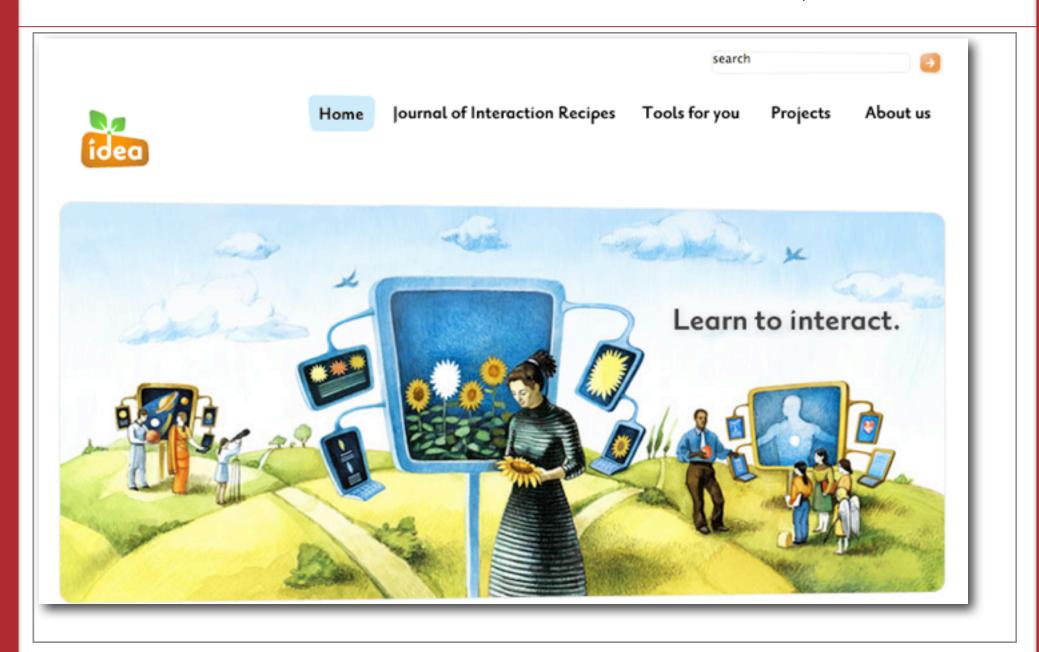


Required information for	r Google account	
Your current email address:	someone@somewhere.com' e.g. myname@example.com. This will be y	our usemame and sign-in.
Choose a password:	Minimum of 6 ch gracters in length.	Password strength: Too short



0.0 http://levdr.mvm.com - Dressing Room Landsend.com MY VIRTUAL MODEL E-MAIL MY MODEL | HELP What you're wearing: GREAT GO TOGETHERS MY FAVORITES FIND AN ITEM Sweaters | • Sweaters Men's Cashmere Turtleneck Sweaters | * Sweater What's my size? Choose a color: Buy this item Great go togethers Men's Cashmere Men's Full Zip V-neck Sweater Cardigan Cable Crew Items that go great with what Crew Sweater V-neck Sweater Turtieneck @ My Virtual Model Inc., 2004. Privacy policy Terms of service Find a domain name: Search www. billsportfolio.com (ex. widgetdesigns.com) Required information for Google account Your current email address: |someone@somewhere.com e.g. myname@example.com. This will be your username and sign-in. Choose a password: Password strength: Too short Minimum of 6 characters in length

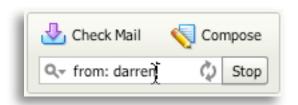
React Immediately. You are Here.



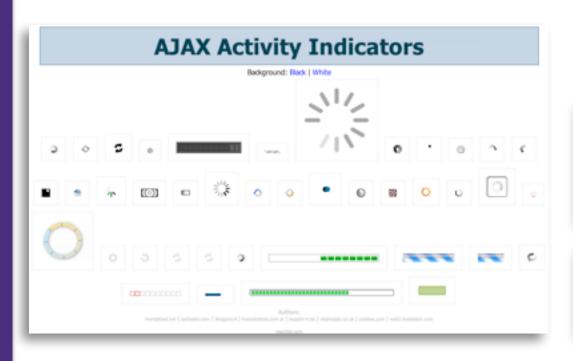
idea.org. You are Here.

React Immediately. Focused Feedback.

Keep feedback focused









React Immediately. Nuanced.

Keep feedback focused

Use nuance



Use nuance



Use nuance

Think "deeper interaction"

Multi-variate data

focus + context

Think "deeper interaction"

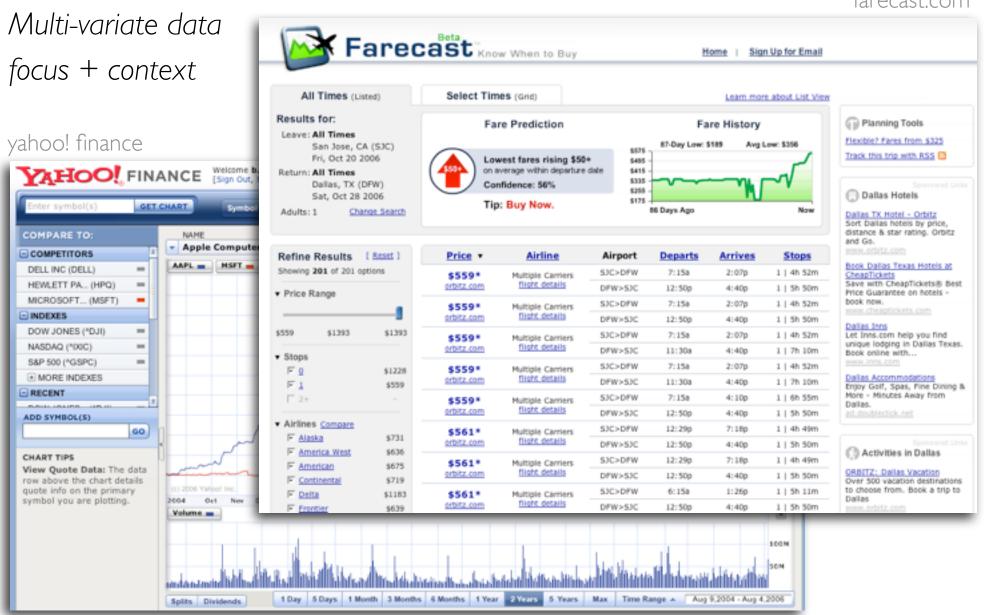
Multi-variate data

focus + context



Think "deeper interaction"

farecast.com



Example

Whitestone Cheese

make it direct drag and drop, direct selection

keep it lightweight contextual tools

stay on the page dialog inlay, remembered collections, single page workflow

provide an invitiation hover invitation, affordances

use transitions faceplate, animation, slide, fade

react immediately refining search, live search

ONLINE SHOP

PRODUCT RANGE

THE STORY

NEWS

FACTORY & CAFE

CHEESE FAQ

CONTACT



BROWSE PRODUCTS



VIEW CART

ALL PRODUCTS

SOFT WHITE CHEESE

SHEEPS MILK CHEESE

PRESSED CHEESE

FRESH CHEESE

COWS FETA

BLUE CHEESE

GIFT PACKS

MERCHANDISE

GOATS MILK CHEESE



















DUNTROON







FUCHSIA CREEK FETA



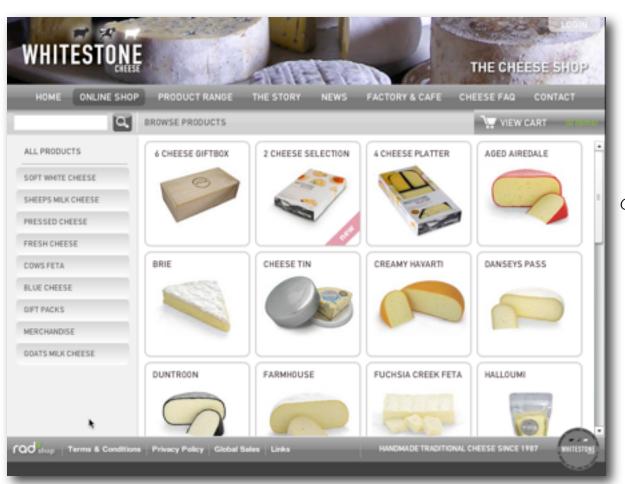
HALLOUMI

rac shop Terms & Conditions Privacy Policy Global Sales Links

HANDMADE TRADITIONAL CHEESE SINCE 1987

WHITESTON

Whitestone Cheese



make it direct drag and drop, direct selection

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provide an invitiation hover invitation, affordances

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Exercise 2

Button Mahem

Background

Netflix originally DVD-only service

Actions fairly simple on main page (1 primary action)

Add to DVD queue OR Save for later to DVD queue



New service added: Instant Watch

Now two queues (DVD queue, instant queue/playlist)

Actions increase (3 primary actions)

Add to DVD AND Add to Instant AND Play Now

First attempt

Anti-patterns anyone?

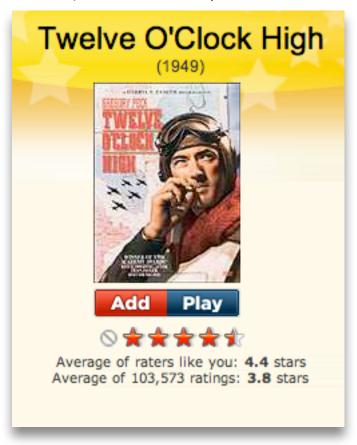
First attempt

Anti-patterns anyone?



First attempt

Anti-patterns anyone?



Second attempt
Slightly better, but still problems



Exercise

- I. Critique current button interactions
- 2. Design a solution for displaying the 3 actions

Considerations

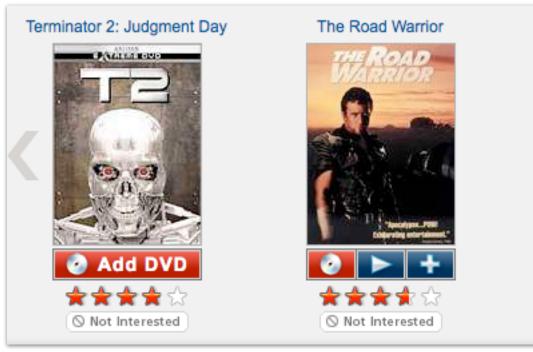
Surface that a title can be watched instantly (promote instant watching)

Avoid negative impact to engagement for adding or playing movies

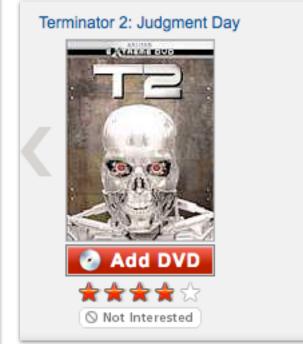
How it interacts with the BOB

Minimize visual noise

Avoid anti-patterns: hover & cover, mouse trap, non-symmetrical interaction, etc.



side-by-side triple buttons, red & blue colors

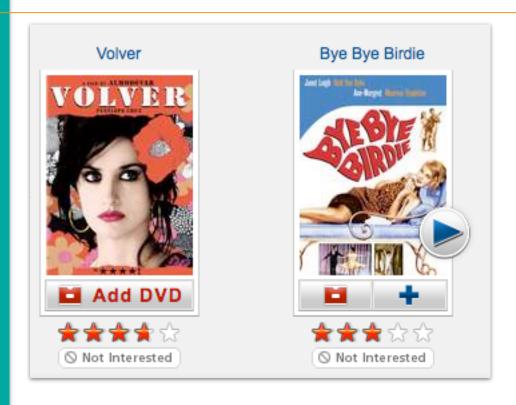


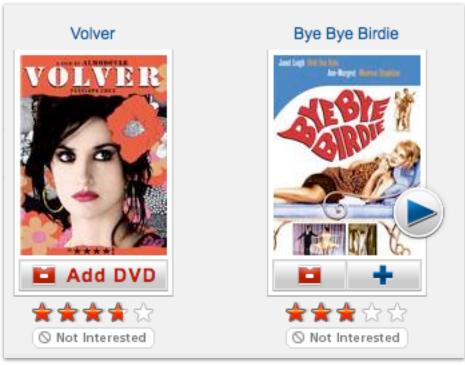


side-by-side triple buttons, red & blue colors



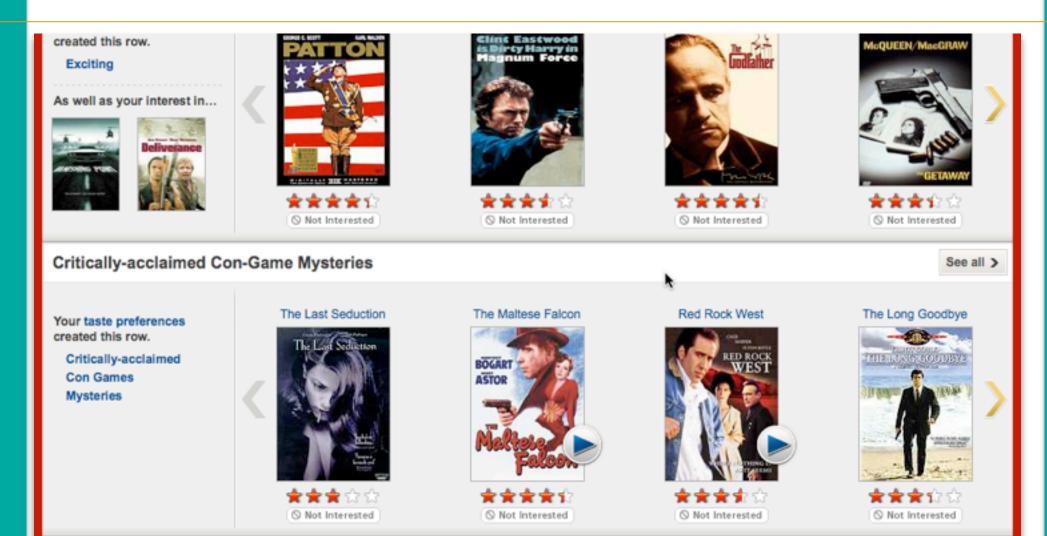
side-by-side triple buttons, gray colors



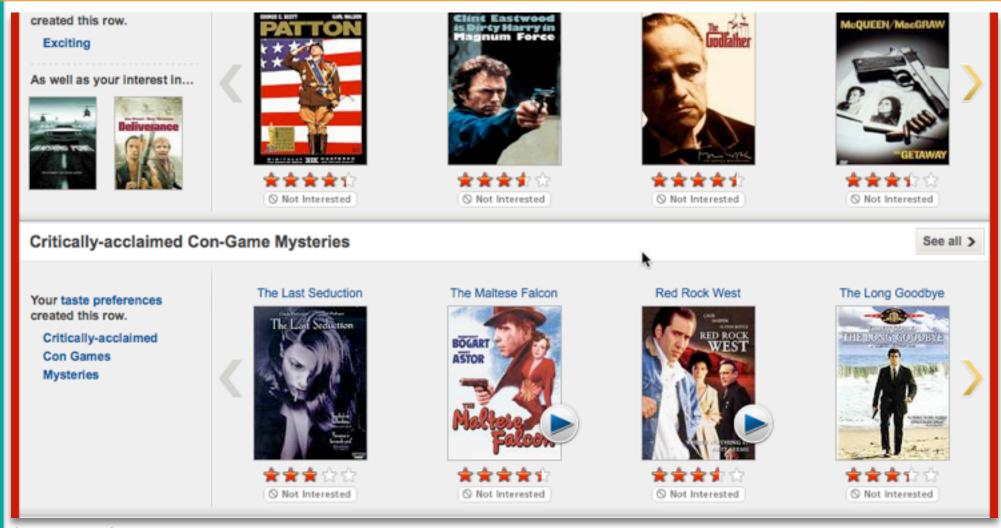


split play + violator

Attempt #3



Attempt #3



buttons in a layer

Contextual Tools

Suspenseful Spy TV Shows

Your taste preferences created this row.

Spy TV Shows Suspenseful



Local Favorites for San Jose, California

Contextual Tools



Q & A Time

Presentation

http://billwscott.com/share/presentations/2009/webvisions/dwi_workshop.pdf

Blogs

http://looksgoodworkswell.com

http://theresaneil.wordpress.com

http://designingwebinterfaces.com

Books

About Face 3:The Essentials of Interaction Design. Cooper. 2007.

Designing Interfaces: Patterns for Effective Interfaces. Tidwell. O'Reilly. 2006.

Don't Make Me Think. Steven Krug. New Riders. 2005.

Web Form Design: Filling in the Blank. Wroblewski. Rosenfeld Media. 2008.

Upcoming: Designing Social Interfaces. Malone & Crumlish. O'Reilly. 2009.

Design of Sites. Duyne, Landay, Hong. Prentice Hall. 2006.

Designing Web Interfaces: Principles & Patterns for Rich Interactions. Scott & Neil. O'Reillly. 2009.

Pattern Libraries & Screenshot Collections

http://designinginterfaces.com

http://www.welie.com/patterns/

Pattern Taxonomy: http://tr.im/ly6E

http://developer.yahoo.com/ypatterns

Yahoo! Internal Pattern Library: http://

tr.im/m0zz

http://

www.designingsocialinterfaces.com/

http://uidesignpatterns.org/

designPatterns

http://quince.infragistics.com

http://designlibrary.blinkinteractive.com/

http://interface.fh-potsdam.de/

infodesignpatterns/patterns.php

Interface Design Patterns: http://tr.im/

Ixdu

Search Patterns: http:// www.findability.org/archives/

000194.php

http://uipatternfactory.com/

http://ui-patterns.com/

http://patterntap.com/collections/

http://konigi.com/

Flickr Factory Joe: http://tr.im/lxfR

Flickr Design Solutions: http://tr.im/lxfZ

Flickr UI/UX Collection: http://tr.im/lxgE

Flickr Xian Collection: http://tr.im/lxgQ

Flickr DWI Book Figures: http://tr.im/lxgV

Flickr DWI Screencasts: http://tr.im/lxh2

http://designingwebinterfaces.com