

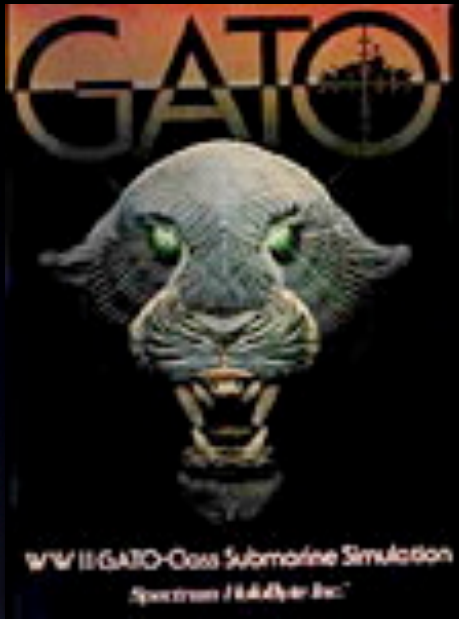
When Designers Get Too Clever

Anti-Patterns: Avoiding the Traps of Bad Design

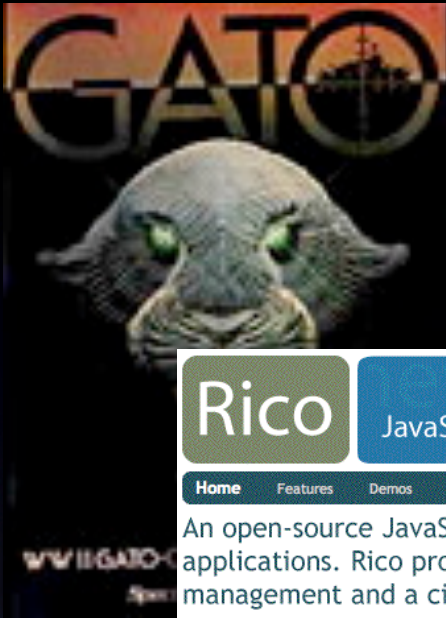
Bill Scott
Director, UI Engineering
netflix.com
b.scott@yahoo.com

The Netflix logo, consisting of the word "NETFLIX" in white, bold, sans-serif capital letters, set against a red rectangular background.

background



background



Rico

JavaScript for Rich Internet Applications

[Home](#) [Features](#) [Demos](#) [Documentation](#) [Downloads](#) [About](#)

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

BACKGROUND

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

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

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

OPEN SOURCE

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

BROWSER SUPPORT

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

AJAX SUPPORT

Ajax is the term that describes a set of web development techniques for creating interactive web applications. One of the key ingredients is the JavaScript object XMLHttpRequest. Rico provides a very simple interface for registering Ajax request handlers as well as HTML elements or JavaScript objects as Ajax response objects. Multiple elements and/or objects may be updated as the result of one Ajax request.

Want to get started learning? Check out our [demos](#) and then read our two Ajax tutorials on the [Documentation page](#).

DRAG AND DROP

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

CINEMATIC EFFECTS

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

BEHAVIORS

Take some raw HTML and sprinkle in some behaviors and what do you get? Well in Rico you can get an [Accordion](#) component like those found in Macromedia Flex and Lasso. Just nest some DIVs and with one line of JavaScript turn your div panels into an accordion. And the latest behavior is the LiveGrid. LiveGrid allows you to connect an HTML table up to a stream of Ajax responses. Ajax requests are automatically called during table scrolling. The result is now HTML tables can hold an unlimited amount of data scrolled into view on the fly as needed! More behaviors are planned!

NEW! LiveGrid Behavior!

Check out the Alternative to Paging!

The screenshot shows a web page with a search bar and a list of search results. The results are displayed in a grid format, with each row containing a small image and text. The text includes 'Features in HTML', 'Search for...', 'Features in...', 'Research in...', and 'The Star Wars...'. The page has a blue header and a white body.

Current Conditions

Dallas, TX (75201)

77°F

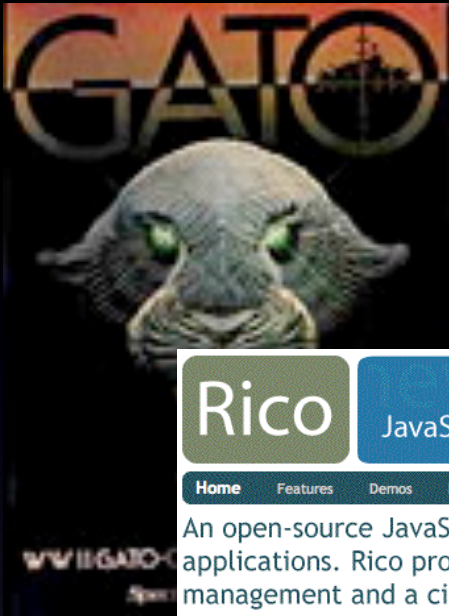
Partly Cloudy

Humidity: 65%
Wind: 10 mph
Dewpoint: 62°F
Heat Index: 82°F

See Rico in Action!

The image shows a weather widget for Dallas, TX. It features a large temperature display of 77°F, a small weather icon, and a list of weather-related statistics including humidity, wind, dewpoint, and heat index.

background



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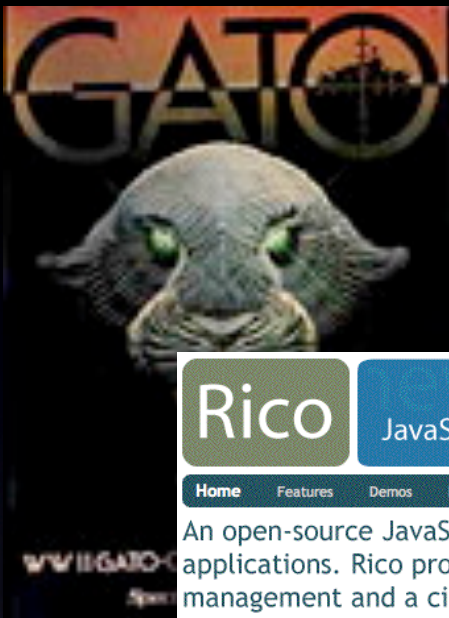
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The screenshot shows the Yahoo! Developer Network Design Pattern Library website. The page has a yellow header with the site name and a search bar. A left sidebar contains a navigation menu with categories like 'NAVIGATE', 'EXPLORE DATA', 'ORGANIZE DATA', 'GIVE FEEDBACK', 'PERFORM ACTION', 'CUSTOMIZE', and 'APPLICATION NEEDS TO'. The main content area features a 'Welcome' message, a 'What's a Pattern?' section, and a grid of 'Recent Patterns' with various examples like 'Auto-Complete', 'Breadcrumbs', 'Drag and Drop Modules', 'Module Tabs', 'Navigation Tabs', 'Object Pagination', 'Results Page', 'Search Pagination', 'Rating an Object', and 'Writing a Review'. Each pattern includes a brief description and a 'more...' link. At the bottom, there is a 'See Rico in Action!' link.

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Browse
DVDsWatch
InstantlyYour
QueueMovies
You'll ♥

Community

DVD Sale
\$5.99

Movies, actors, directors

Search

Home

Genres ▾

New Releases

Previews

Netflix Top 100

Critics' Picks

Award Winners

Movies For You

You have [1347 Suggestions](#)
from 312 ratings.



Bill, the following movies were chosen based on your interest in:
[The Truman Show](#)
[My Big Fat Greek Wedding](#)
[The Office: Season 3 \(4-Disc Series\)](#)



The Majestic



Set in the 1950s, this romantic drama is reminiscent of Frank Capra's classic films. Screenwriter Peter

Add

Appleton (Jim Carrey) is on the verge of ... [Read More](#)



Under the Tuscan Sun



In this movie loosely based on Frances Mayes's best-selling memoir of the same title, Diane Lane

Add

stars as Frances, a newly divorced American writer ... [Read More](#)

All Discs
Guaranteed!

Close

You loved it...



Now own it for just **\$9.99**

[Shop now](#) for other titles
as low as **\$5.99!**

Buy



FREE shipping • Original artwork • Hardcover case

OTHER MOVIES YOU MIGHT ENJOY

[Surf's Up](#)


Add


 Not Interested

[Black Book](#)


Add


 Not Interested

[Hot Fuzz](#)


Add


 Not Interested

[Planet Earth: The Complete Collection](#)
(5-Disc Series)

[The Hoax](#)
[Blades of Glory](#)

BROWSE

Favorite Genres: [\(Edit\)](#)

- Action & Adventure
- Classics
- Comedy
- Documentary
- Drama
- Sci-Fi & Fantasy
- Thrillers

Other Genres:

- All Genres
- Anime & Animation
- Blu-ray
- Children & Family
- Faith & Spirituality
- Foreign
- Gay & Lesbian
- HD DVD
- Independent
- Music & Musicals
- Romance
- Special Interest
- Sports & Fitness
- Television

Guides:

- Member Favorites
- Easter Eggs
- By Decade

Browse
DVDs

Watch
Instantly

Your
Queue

Movies
You'll ♥

Community

DVD Sale
\$5.99

Movies, actors, directors

Search

7,500,000

Netflix subscribers

7,000

Instant Watching titles

55,000,000

DVDs in inventory

2 billion+
user ratings

90,000

DVD titles

2 million

movies rated daily by users

1.8 million

shipped on average daily

100+

shipping points

95%

of inventory shipped each
quarter

The Office

The Hoax

Planet Earth: The
Complete Collection
(9-Disc Series)

Blades of Glory

BROWSE

Favorite Genres: [Edit](#)

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- Television

Guides:

- Member Favorites
- Easter Eggs
- D. Reese

The traps of bad design: anti-patterns

what are anti-patterns?

“Anti-patterns, also called pitfalls, are classes of commonly-reinvented bad solutions to problems. They are studied as a category so they can be avoided in the future, and so instances of them may be recognized when investigating non-working systems. The term originates in computer science, apparently inspired by the Gang of Four's book Design Patterns, which displayed examples of high-quality programming methods.” - Wikipedia, Anti-Pattern.

interaction design anti-patterns

Like the software anti-pattern counterparts, the following anti-patterns are common pitfalls to avoid.

pitfalls with a pithy name

anti-patterns

big ball of mud. **meandering way.**

borg idiom. tiny targets. mystery meat.

buried treasure. **hover and cover.**

pogo stick navigation. novel notions.

against the flow. metaphor mismatch. jabberwocky.

double duty. **linkitus.** blind type.

windows aplenty. animation gone wild.

misguided misdirections. unmarked hazards. **missed**

moments. missing scene.

one at a time. non-symmetrical actions.

*Note: anti-patterns denoted in **bold** are discussed in this talk.*

anti-pattern. **meandering way**

summary

Normal flow through the page takes the user on a meandering journey with the mouse.

alternate names

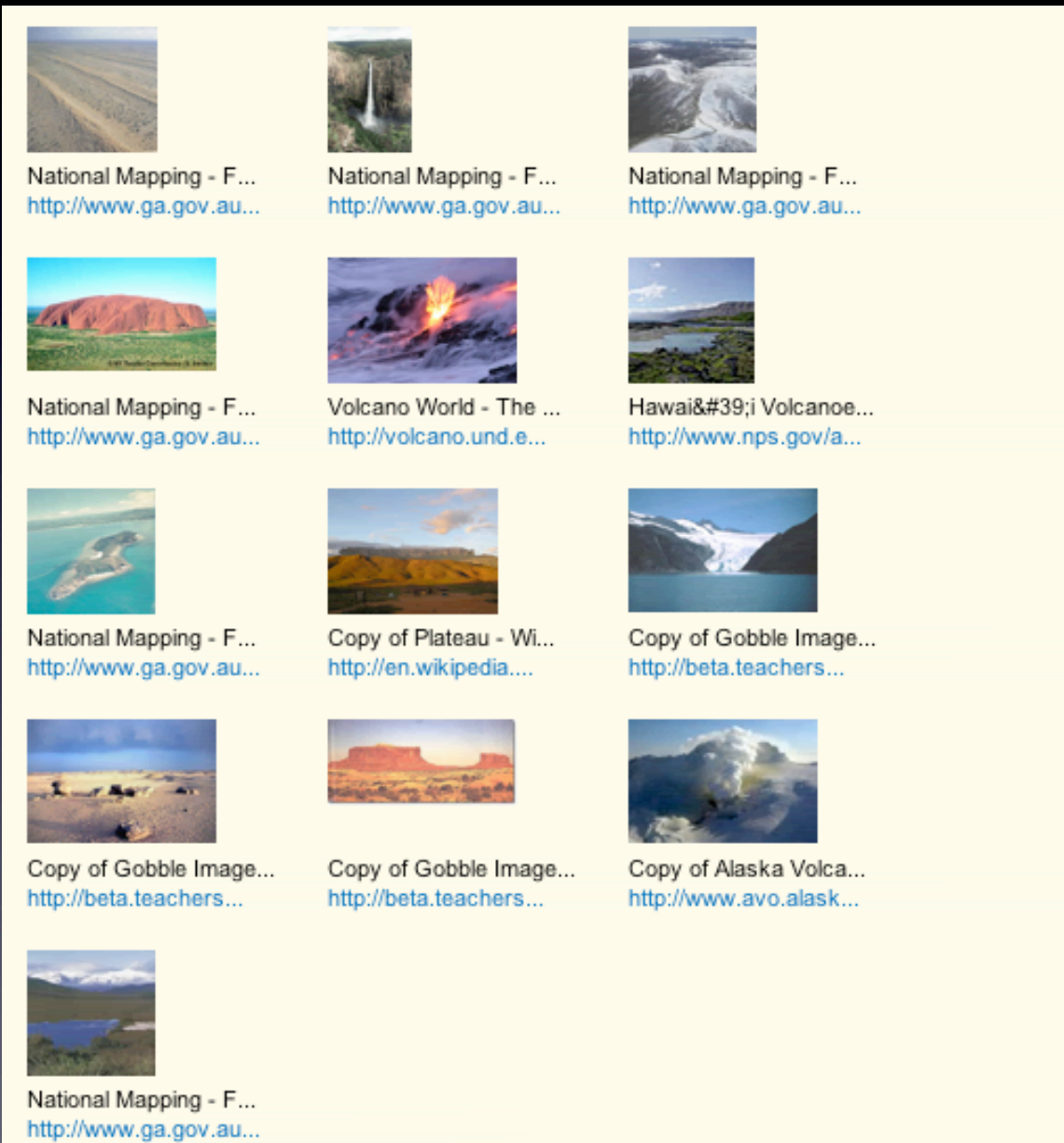
zig-zag interaction, scenic route

example

Actions hidden under hover (in context tools) that require the user to hover an area, then move the mouse to an area that would normally be outside the object's space (back and forth operation)

anti-pattern. meandering way

Y! Teachers (first version)



The image shows a grid of 13 thumbnail images, each with a caption and a URL. The thumbnails are arranged in a non-linear, meandering pattern across the grid. The captions and URLs are as follows:

- Thumbnail 1: National Mapping - F... <http://www.ga.gov.au...>
- Thumbnail 2: National Mapping - F... <http://www.ga.gov.au...>
- Thumbnail 3: National Mapping - F... <http://www.ga.gov.au...>
- Thumbnail 4: National Mapping - F... <http://www.ga.gov.au...>
- Thumbnail 5: Volcano World - The ... <http://volcano.und.e...>
- Thumbnail 6: Hawai'i Volcanoe... <http://www.nps.gov/a...>
- Thumbnail 7: National Mapping - F... <http://www.ga.gov.au...>
- Thumbnail 8: Copy of Plateau - Wi... <http://en.wikipedia....>
- Thumbnail 9: Copy of Gobble Image... <http://beta.teachers...>
- Thumbnail 10: Copy of Gobble Image... <http://beta.teachers...>
- Thumbnail 11: Copy of Gobble Image... <http://beta.teachers...>
- Thumbnail 12: Copy of Alaska Volca... <http://www.avo.alask...>
- Thumbnail 13: National Mapping - F... <http://www.ga.gov.au...>

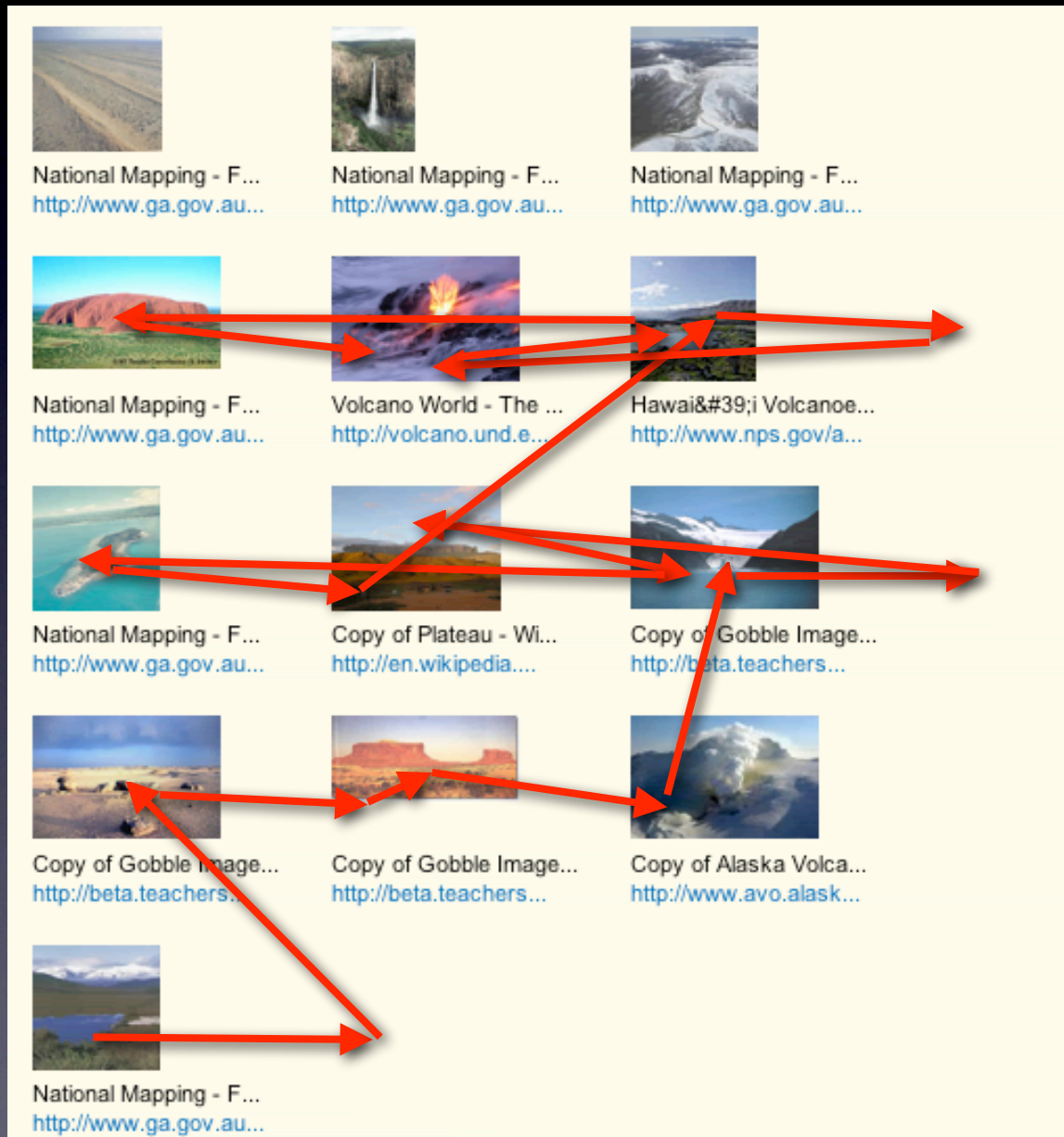
Hover revealed extra tools

Required lots of mouse zig zag to delete an item

And overshooting as you move across (eye zig zag)

anti-pattern. meandering way

Y! Teachers (first version)



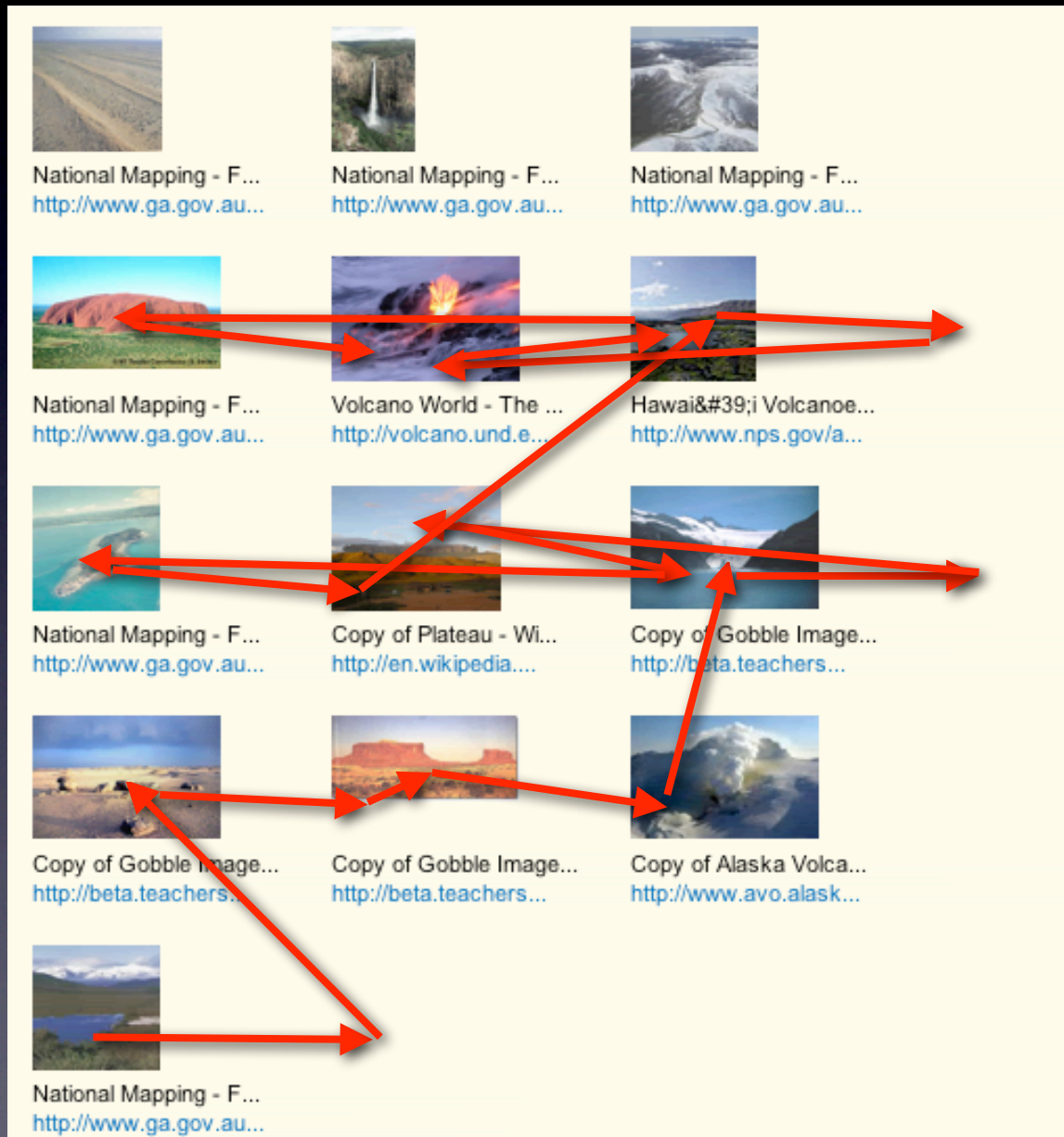
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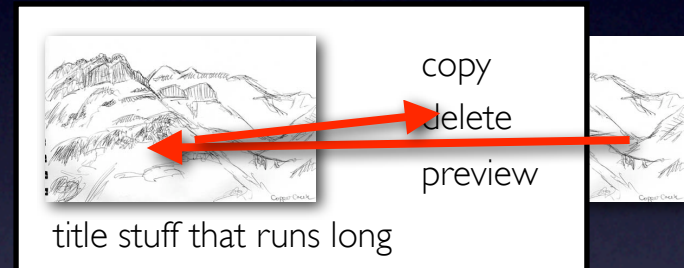
anti-pattern. meandering way

Y! Teachers (first version)



Hover revealed extra tools

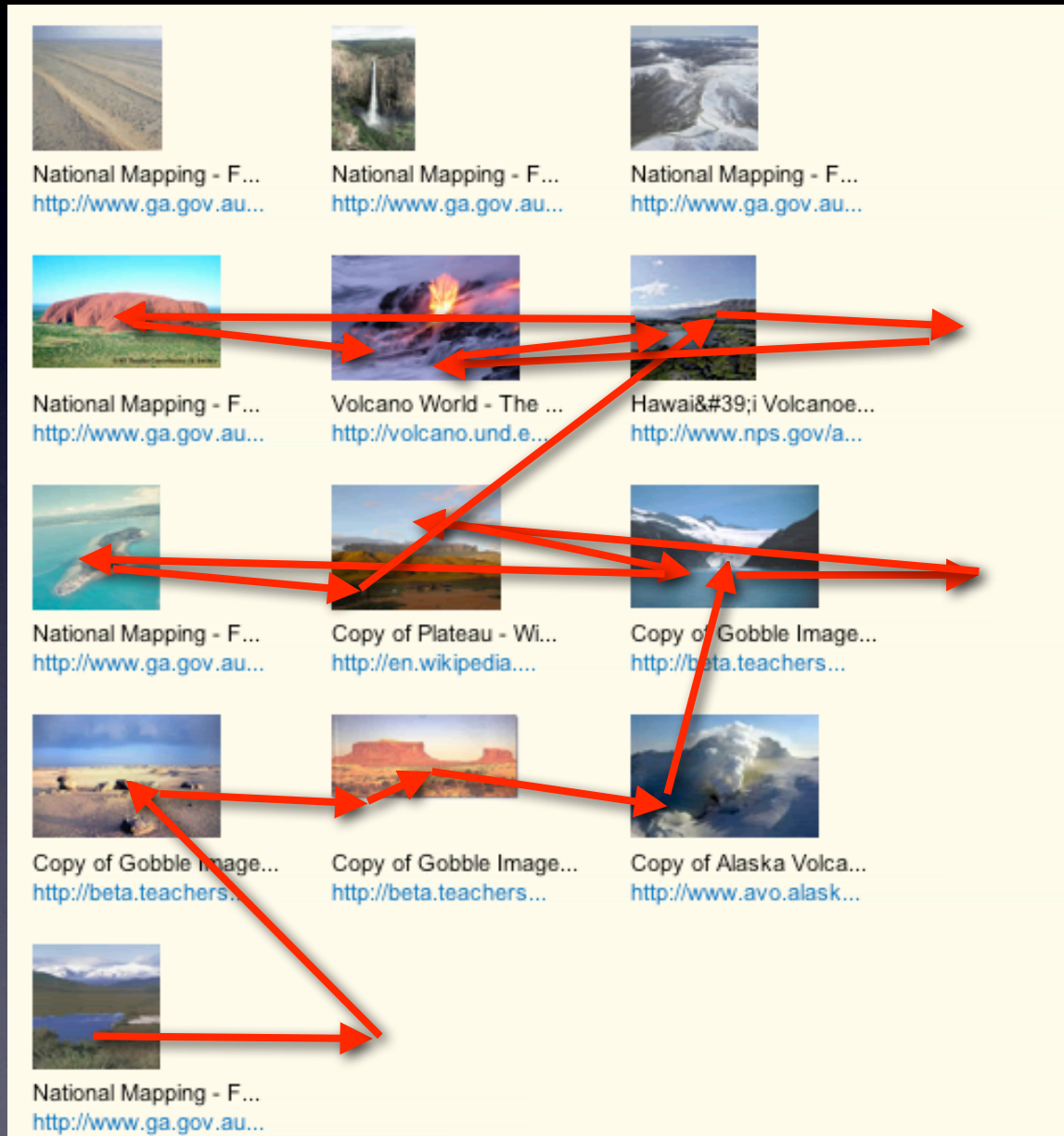
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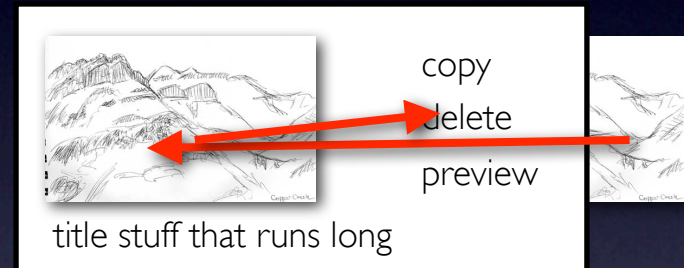
anti-pattern. meandering way

Y! Teachers (first version)

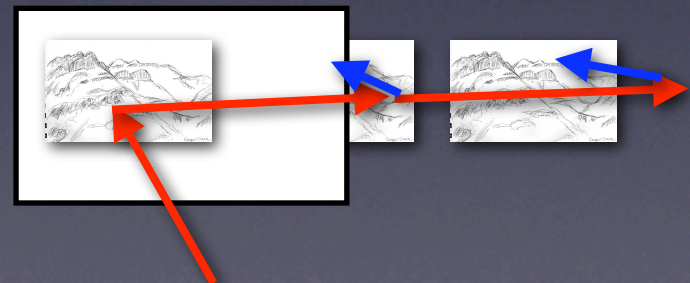


Hover revealed extra tools

Required lots of mouse zig zag to delete an item



And overshooting as you move across (eye zig zag)



anti-pattern. meandering way

Y! Teacher's Redesign

The screenshot shows a search results page with a grid of thumbnails and links. The first row contains three thumbnails: a blue-tinted image of a volcano, a yellow-tinted image of a volcano, and a blue-tinted image of a volcano. The second row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The third row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The fourth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The fifth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The sixth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The seventh row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The eighth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The ninth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The tenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The eleventh row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twelfth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The thirteenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The fourteenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The fifteenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The sixteenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The seventeenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The eighteenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The nineteenth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twentieth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-first row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-second row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-third row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-fourth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-fifth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-sixth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-seventh row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-eighth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The twenty-ninth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The thirtieth row contains three thumbnails: a diagram of a volcano, a diagram of a volcano, and a diagram of a volcano. The thirtieth row is titled "Web sites (21)".

Three-dimensional Ca...
<http://volcano.und.n...>

Three-dimensional Ca...
<http://volcano.und.n...>

Howstuffworks "...
<http://www.howstuffw...>

Internet Geography -...
<http://www.geography...>

Dictionary image: vo...
<http://education.yah...>

Operation Montserrat...
<http://emissionhq.co...>

Copy Delete

Web sites (21)

How Volcanoes Work
<http://www.geology.s...>

Operation Montserrat...
<http://emissionhq.co...>

Howstuffworks "...
<http://www.howstuffw...>

SPACE.com --
<http://www.space.com...>

Volcanoes: Principa...
<http://www.britannica.com...>

Vic Camp - Volcano T...
<http://www.viccamp.com...>

Solution

Reveal hidden tools on hover
Play on spatial memory

Avoid popup
Avoid page jitter

anti-pattern. meandering way

Y! Teacher's Redesign

The screenshot shows a search results page for 'Volcano' on Yahoo!. The results are arranged in a grid. A red arrow points from the 'Delete' button on the 'Operation Montserrat' result to the 'Internet Geography' result, illustrating a meandering path through the results. The results include:

- Three-dimensional Ca... <http://volcano.und.n...>
- Three-dimensional Ca... <http://volcano.und.n...>
- Howstuffworks "... <http://www.howstuffw...>
- Internet Geography -... <http://www.geography...>
- Dictionary image: vo... <http://education.yah...>
- Operation Montserrat... <http://emissionhq.co...>

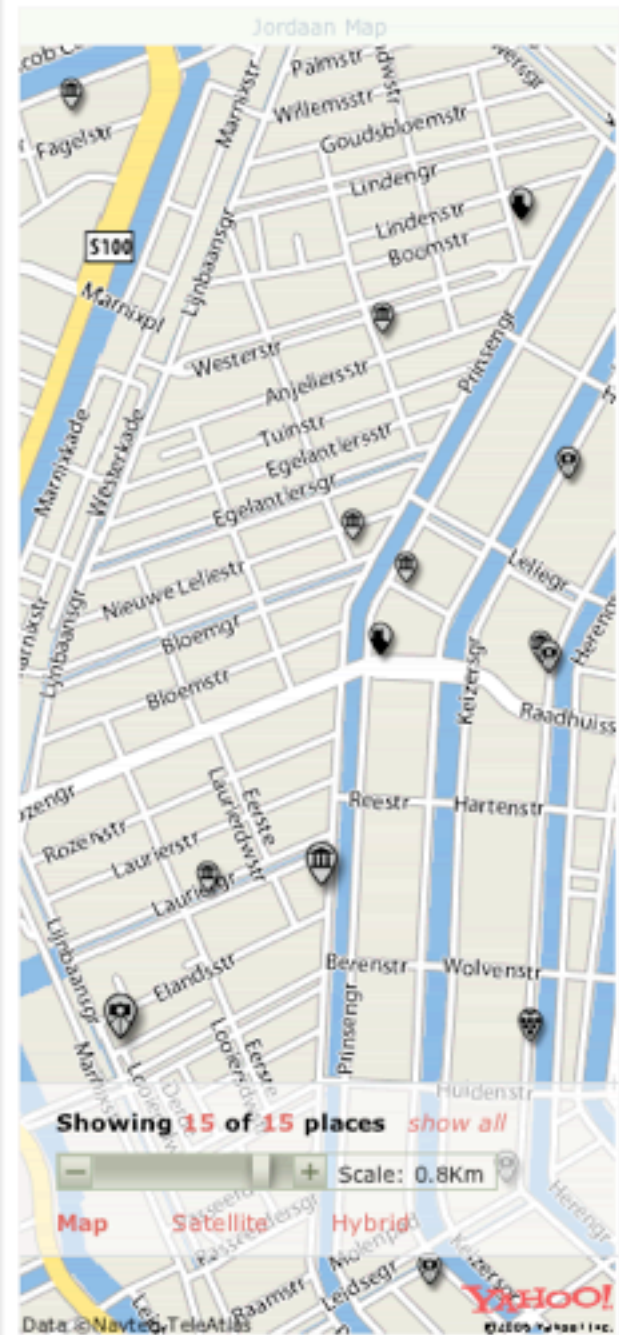
Below the search results, there is a section titled 'Web sites (21)' with a grid of website thumbnails and titles:

- How Volcanoes Work <http://www.geology.s...>
- Operation Montserrat... <http://emissionhq.co...>
- Howstuffworks "... <http://www.howstuffw...>
- SPACE.com --
- Volcanoes: Principa...
- Vic Camp - Volcano T...

Solution

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Play on spatial memory

Avoid popup
Avoid page jitter









- | Places | Photos |
|---|--------|
| <p>Admiraal Cheers!
print - zoom in</p> | |
| <p> Anne Frank House
Anne Frank's Hideaway
print - zoom in</p> | |
| <p> Brouwersgracht
Canal at the city centre
print - zoom in</p> | |
| <p> Dutch Theatre Institute
Theater, museum and library
print - zoom in</p> | |
| <p>Het Huis met de Hoofden
House of heads
print - zoom in</p> | |
| <p> Houseboat Museum
Living on Water
print - zoom in</p> | |
| <p>Marcel Wanders
Wander & Wonder!
print - zoom in</p> | |
| <p>Pianola Museum
History of the pianola
print - zoom in</p> | |
| <p>Spiegelkwartier
Picturesque neighbourhood
print - zoom in</p> | |
| <p> The North Church
In the Jordaan
print - zoom in</p> | |
| <p> The West Church
Amsterdam's Most Famous Church</p> | |



Photo: Phil Hollman

Brouwersgracht
Lijnbaansgracht and Singel
Amsterdam, 1016
Tel: +31 (0)20 551 2525 (Tourist Information)

Amsterdam is known for its canals and why not—it boasts of around 165 of them! Brouwersgracht is no different from the others. Come here to take in the city's charm. The streets, lined with bicycles, give you a sense of nostalgia. You can shop at the numerous stores, and follow it with feasting at one of the cafés.

Review © 2007, [Wcities](#)

Places Photos

Admiraal Cheers! print zoom in

Anne Frank House Anne Frank's Hideaway print zoom in

Brouwersgracht Canal at the city centre print zoom in

Dutch Theatre Institute Theater, museum and library print zoom in

Het Huis met de Hoofden House of heads print zoom in

Houseboat Museum Living on Water print zoom in

Marcel Wanders Wander & Wonder! print zoom in

Pianola Museum History of the pianola print zoom in

Spiegelkwartier Picturesque neighbourhood print zoom in

The North Church In the Jordaan print zoom in

The West Church Amsterdam's Most Famous Church

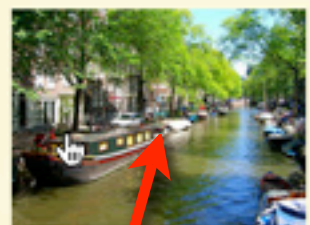
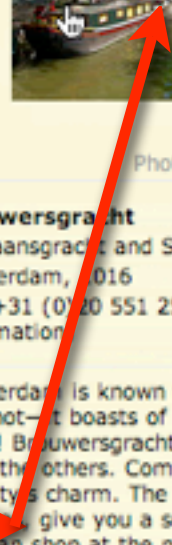
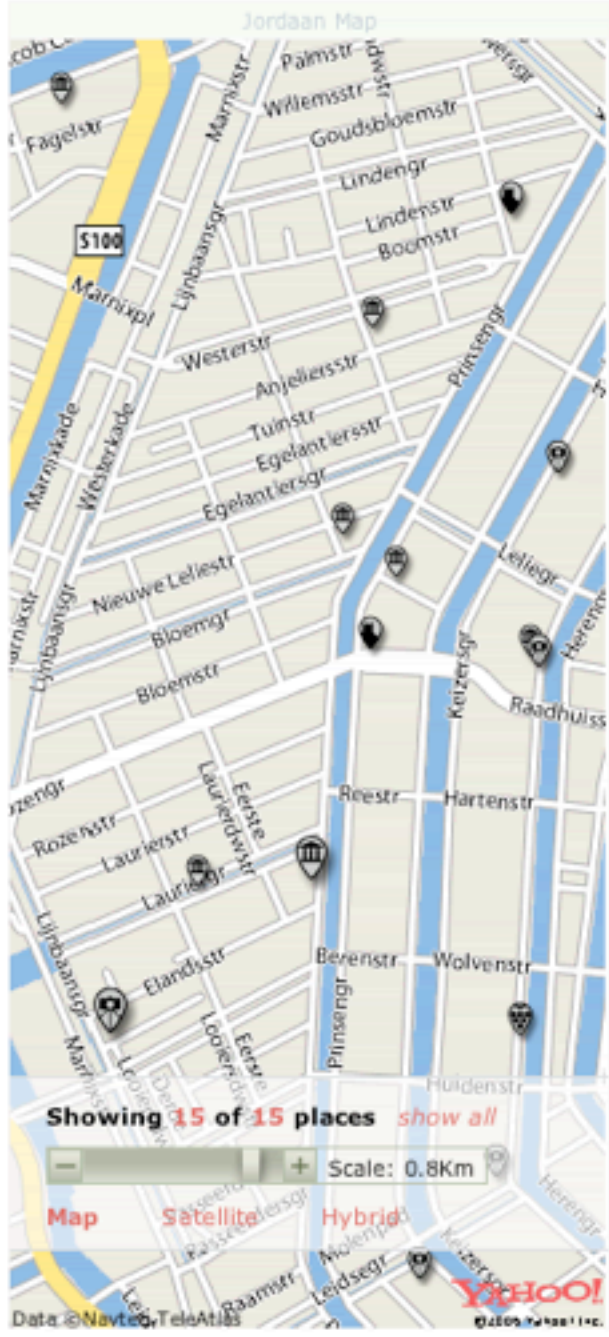


Photo: Phil Hollman

Brouwersgracht Lijnbaansgracht and Singel Amsterdam, 1016 Tel: +31 (0)20 551 2525 (Tourist Information)

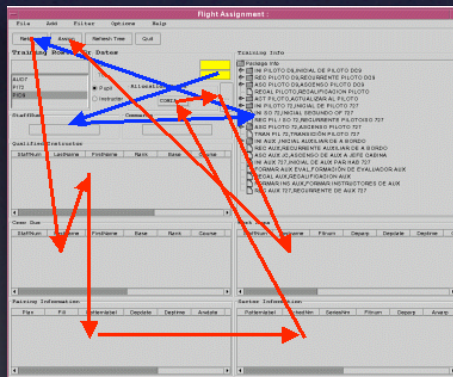
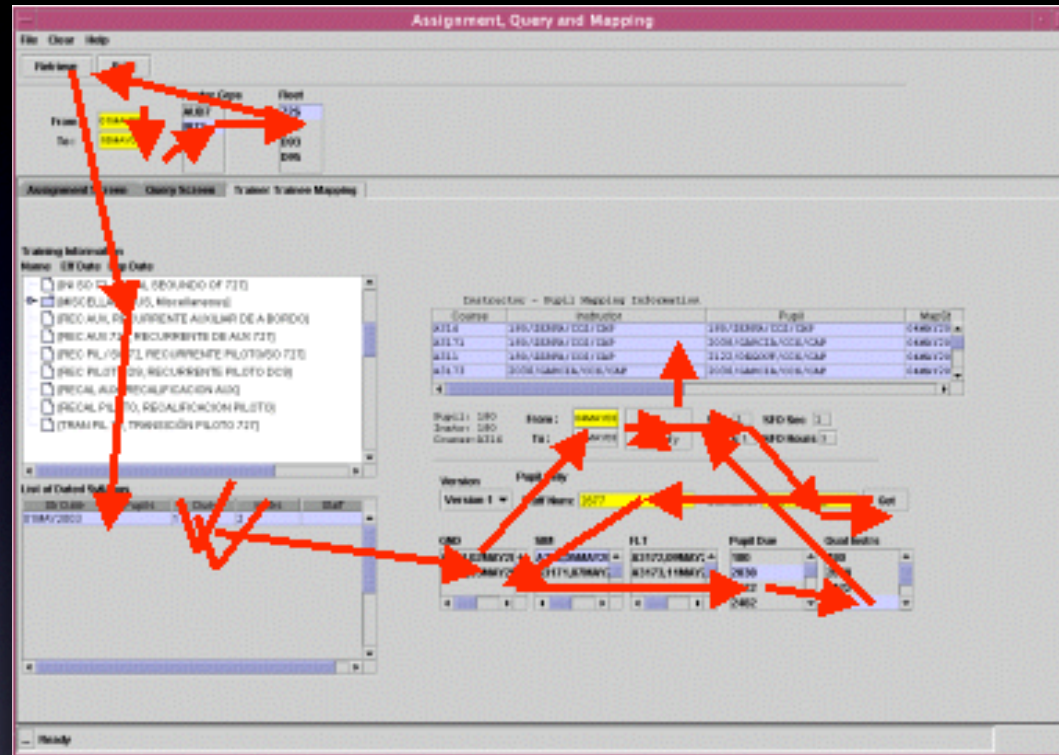
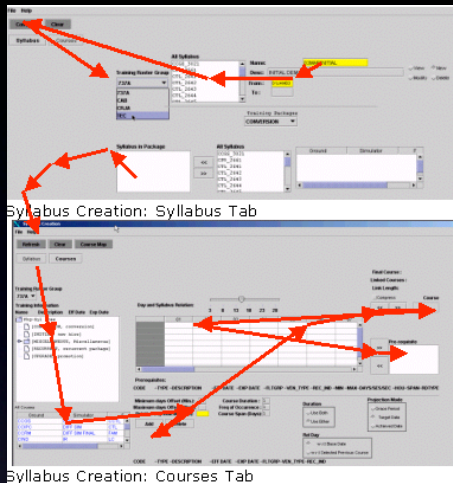
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Review © 2007, Wcities



anti-pattern. meandering way

Nightmare of endless meandering



Drawing flow arrows is a great way to visualize a flow Refactoring can follow

refactoring. meandering way

Annotate the current flow.

Think of flow arrows as a way to debug an interaction

Draw the ideal flow.

Display only elements needed for each interaction

Will clarify important interactions

Watch out for hovers.

In-context tools should require minimal mouse effort

Avoid flyouts

Avoid page jitter

Follow spatial consistency.

Play off of user's spatial memory.

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

anti-pattern. pogo stick navigation

Netflix. Older version of add to queue



anti-pattern. pogo stick navigation Netflix. Newer version of add to queue

The image displays two screenshots of the Netflix website interface, illustrating a navigation pattern. The top banner is red with a white arrow pointing left and the text "Back to: Confessions of a Superhero", and a "Close" button with an 'X' icon on the right.

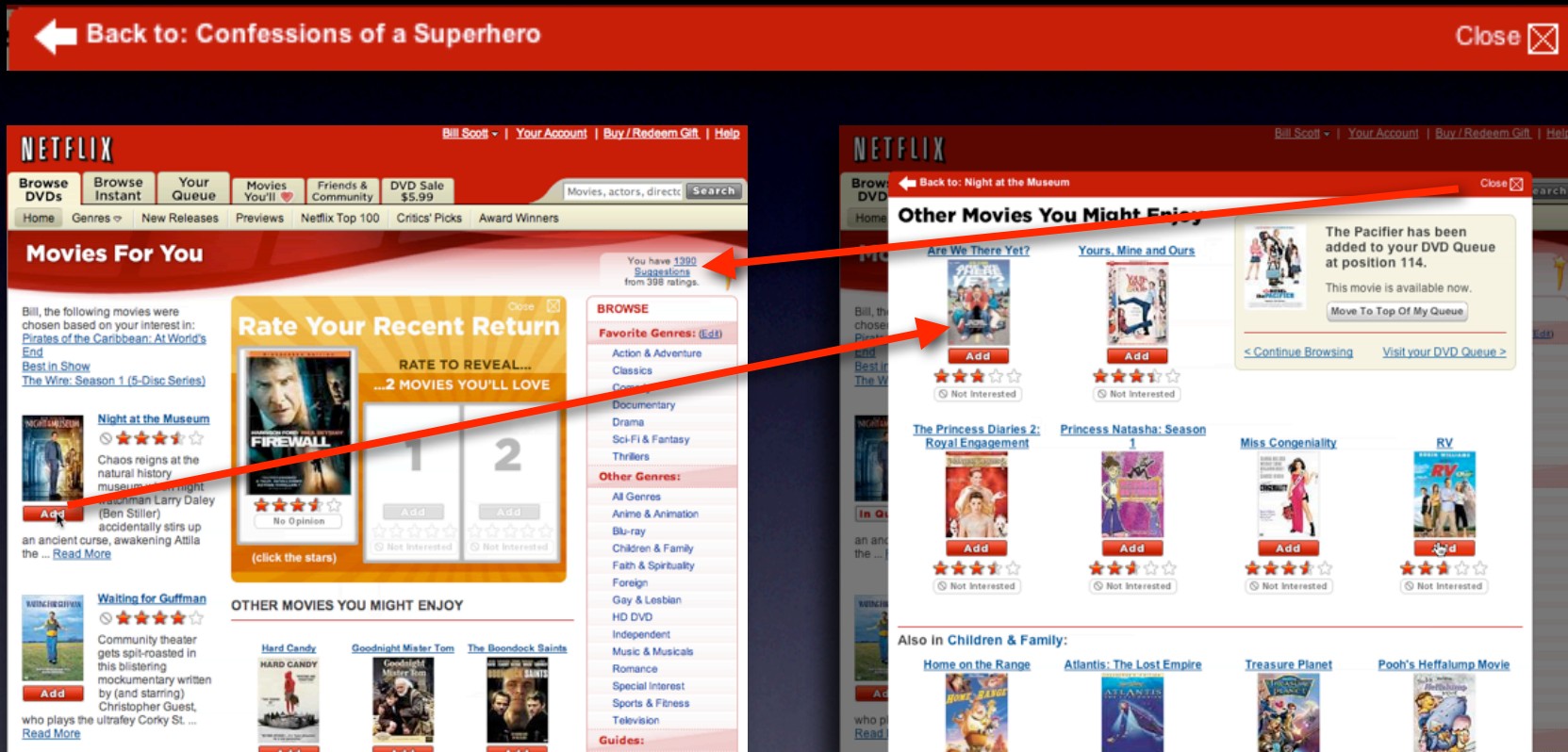
The left screenshot shows the main Netflix interface. The navigation bar includes "Browse DVDs", "Browse Instant", "Your Queue", "Movies You'll Love", "Friends & Community", "DVD Sale \$5.99", and a search box. The main content area is titled "Movies For You" and features a "Rate Your Recent Return" overlay. This overlay has a yellow background and contains a "RATE TO REVEAL..." section with two columns of movie ratings (1 and 2) and "Add" buttons. Below this is a "BROWSE" section with "Favorite Genres" and "Other Genres" lists. A red arrow points from the "Rate Your Recent Return" overlay to the right screenshot.

The right screenshot shows the "Other Movies You Might Enjoy" section. It features a grid of movie thumbnails, each with an "Add" button and a "Not Interested" button. A red arrow points from the "Add" button of the "Night at the Museum" movie to the "Rate Your Recent Return" overlay in the left screenshot. Another red arrow points from the "Rate Your Recent Return" overlay to the "Add" button of the "Night at the Museum" movie. The "Night at the Museum" overlay also includes a "Move To Top Of My Queue" button and "Other Available Formats" and "Bonus materials available" sections.

Solution

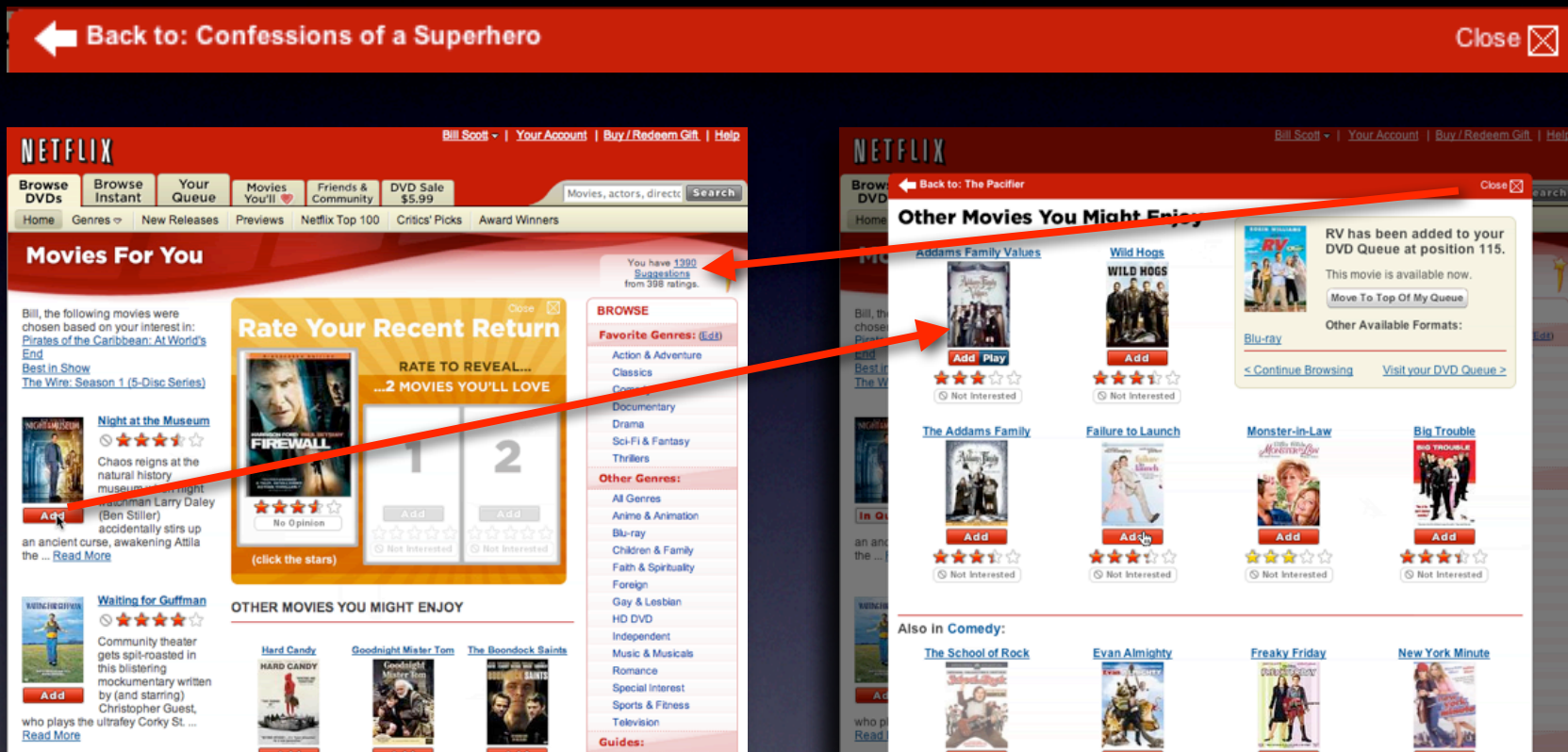
Encapsulate alternate click stream in an overlay

anti-pattern. pogo stick navigation Netflix. Newer version of add to queue



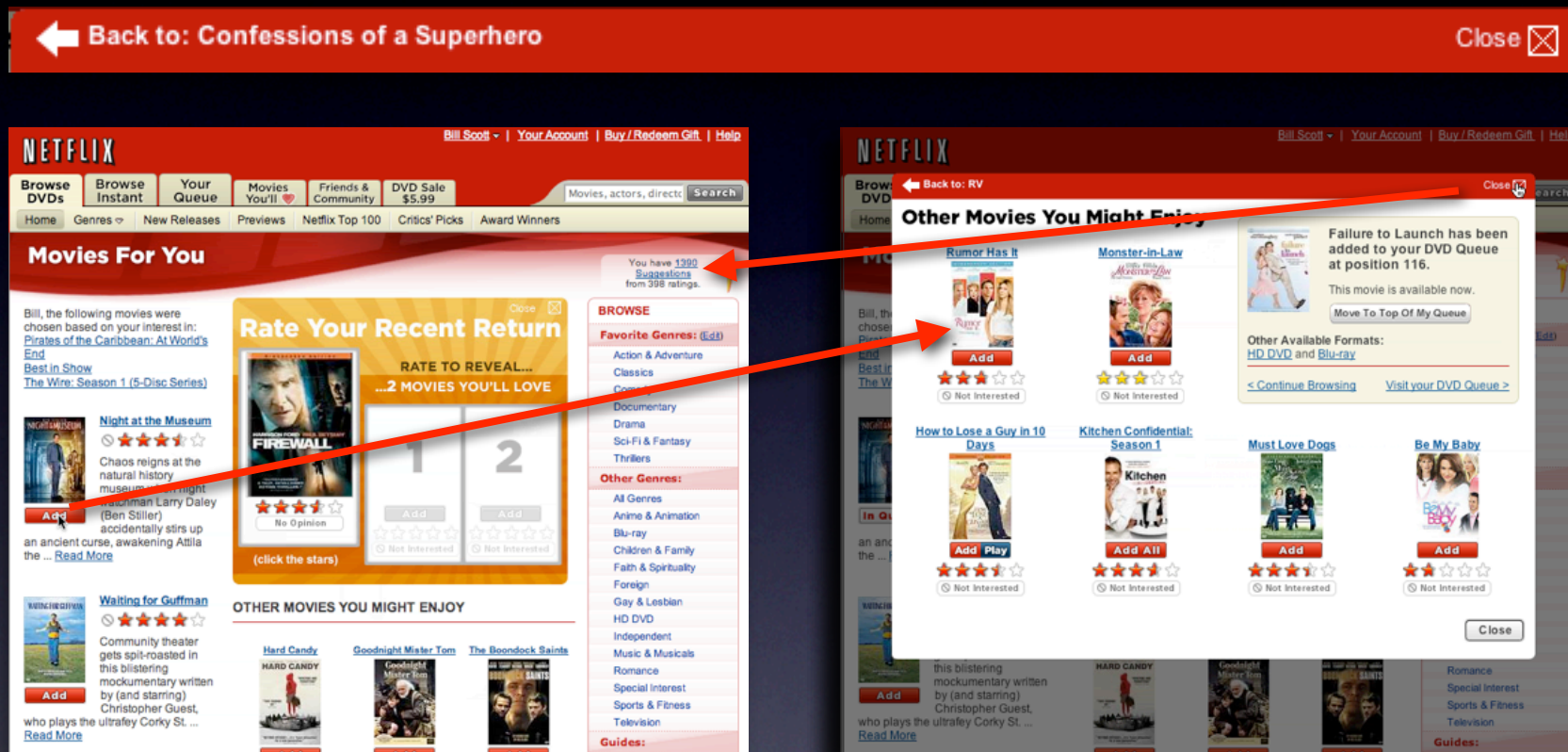
Solution
Encapsulate alternate click stream in an overlay

anti-pattern. pogo stick navigation Netflix. Newer version of add to queue



Solution
Encapsulate alternate click stream in an overlay

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Solution
Encapsulate alternate click stream in an overlay

anti-pattern. pogo stick navigation

Y! Teachers

The screenshot shows the Yahoo! For Teachers interface. At the top, there are links for 'Yahoo!', 'My Yahoo!', and 'Mail'. On the right, it says 'Signed in as billwaynescott' with 'Sign Out' and 'Help' links. The main header features the 'YAHOO! FOR TEACHERS' logo and a search bar containing 'egypt'. Below the search bar are navigation buttons: 'Home', 'Explore', 'Connect', and 'How to'. The search results are displayed in a grid format under the heading 'Project Finder'. The results are categorized into three columns: '1 Top rated project', '2 Most recent project', and '3 Most copied project'. Each project entry includes a title, a star rating, a thumbnail image, and a brief description. For example, the top-rated project is 'Ancient Civiliz...' with 27 stars, updated on Mar 12, 2007, and described as 'Egypt, mummies, pyramids, Hebrews an...'. The most recent project is 'Geography: Lan...' with 0 stars, updated 11 minutes ago, and described as 'Introduces students to a variety of...'. The most copied project is 'Ancient Civiliz...' with 27 stars, updated on Mar 12, 2007, and described as 'Egypt, mummies, pyramids, Hebrews an...'. Below the grid, there are links for 'Derek (Yah...)' and 'Bill Scott' with their respective counts (113 and 21). At the bottom, there is a 'Projects' section with 697 matches and a pagination control showing '1 2 3 4 5 >>'. The 'Projects' section includes thumbnails for 'Ancient', 'Electricity', 'Ecosystem:', 'Math: Sailing', and 'Science:'.



No obvious close for overlay

Back Button goes to wrong place

refactoring. pogo stick

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

anti-pattern. **tiny targets**

summary

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

Fitt's law

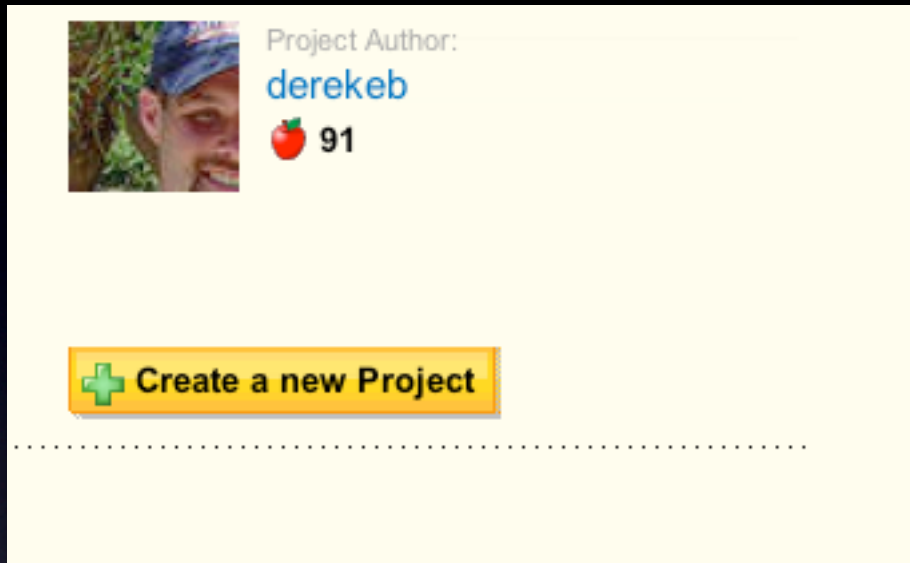
The time to acquire a target is a function of the distance to and size of the target.

examples

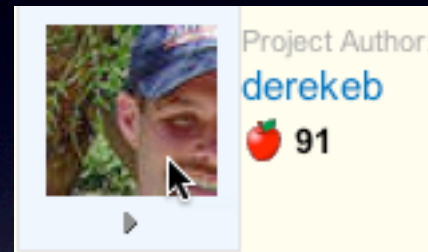
divots for expand/collapse

anti-pattern. **tiny targets**

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



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

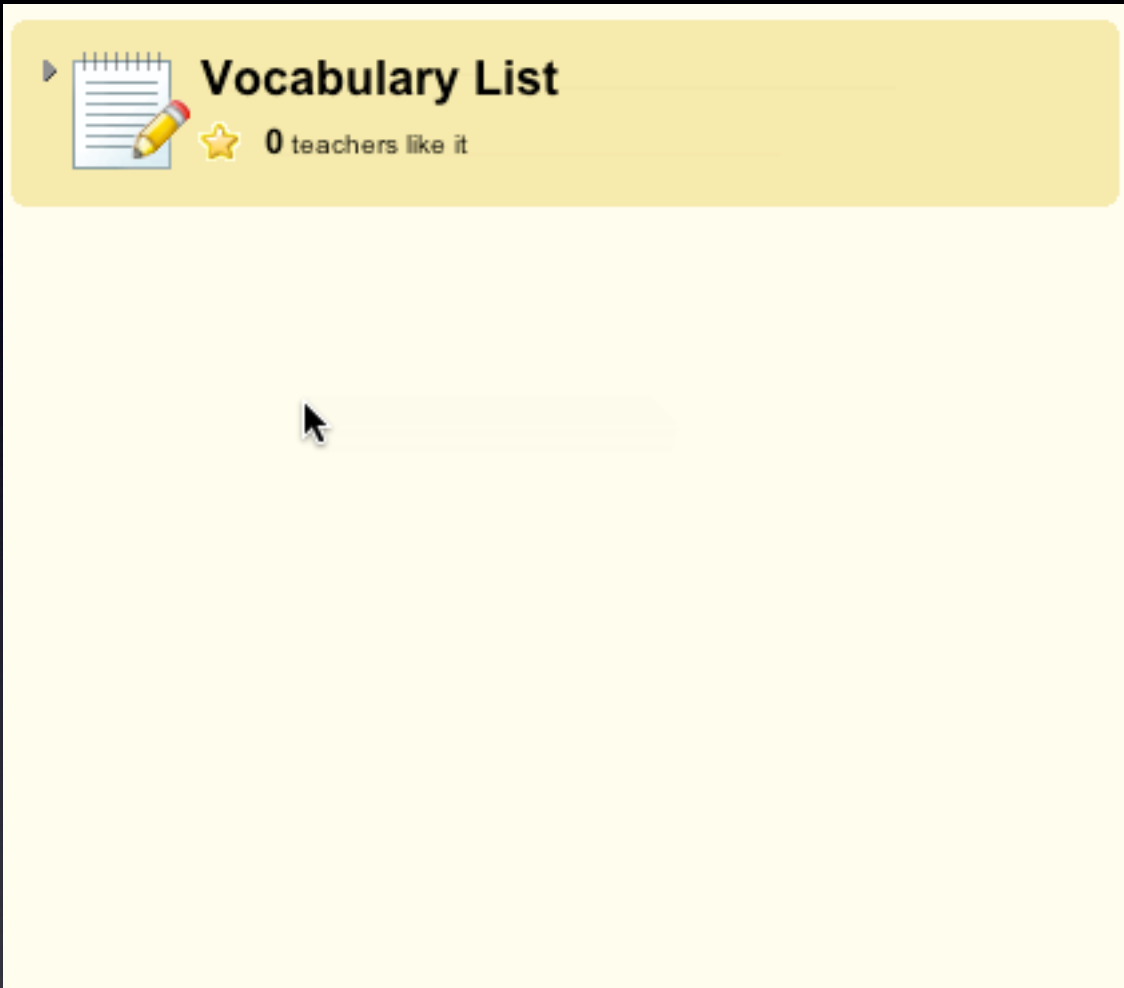


Divot is small (8x8)

anti-pattern. **tiny targets**

Ambiguity in targeting

Is it just the divot? Or anywhere in the title?



Solutions

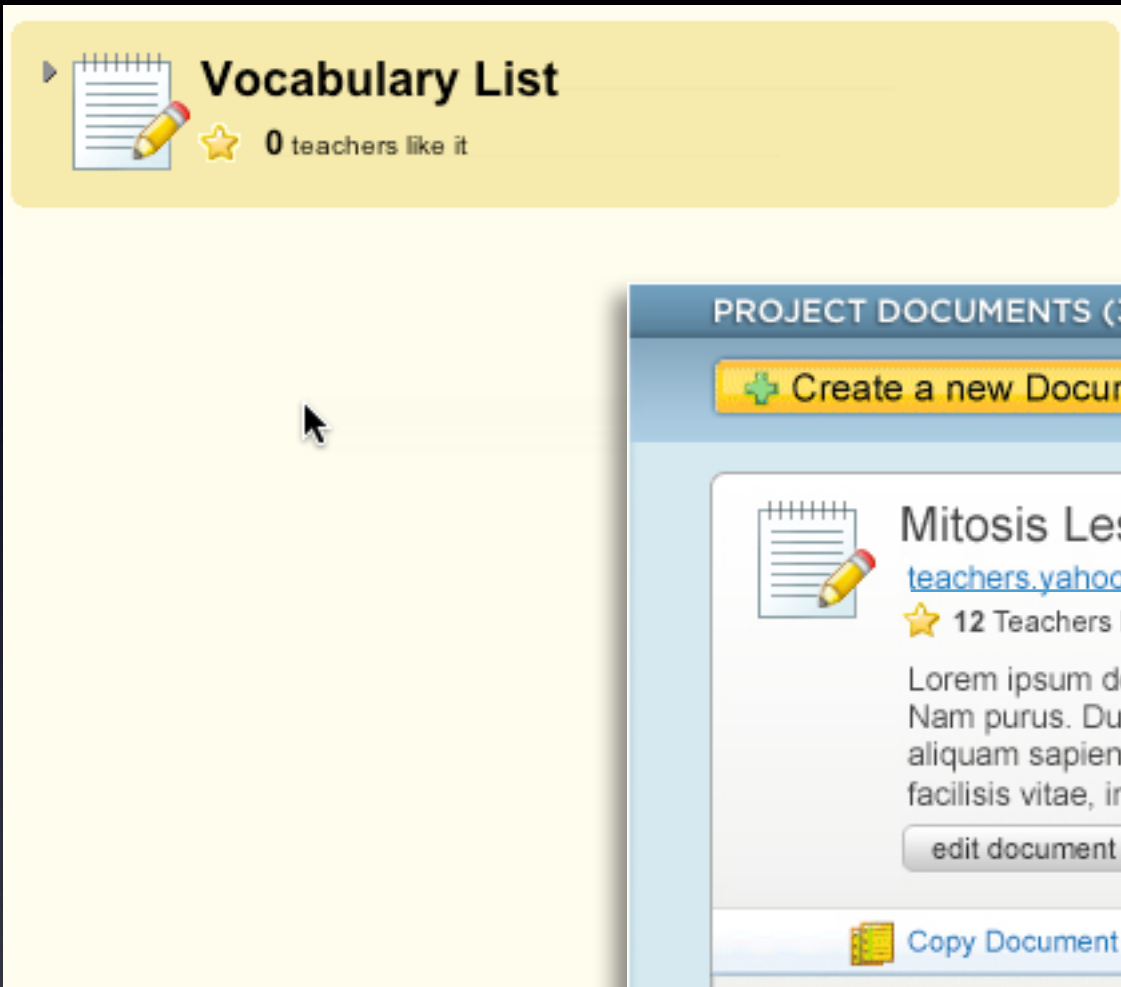
Larger target, to the upper right

Or spell it out

anti-pattern. tiny targets

Ambiguity in targeting

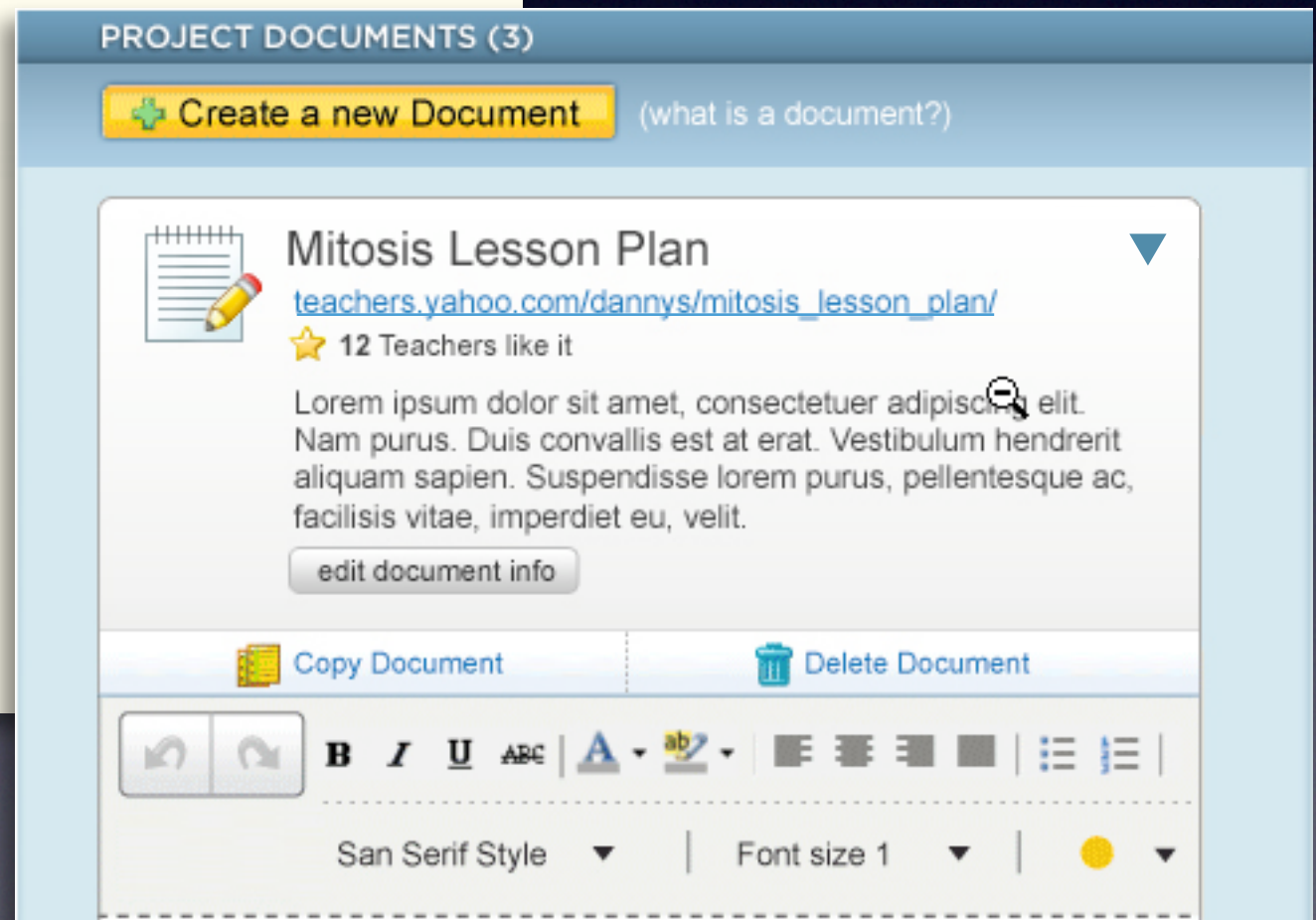
Is it just the divot? Or anywhere in the title?



Solutions

Larger target, to the upper right

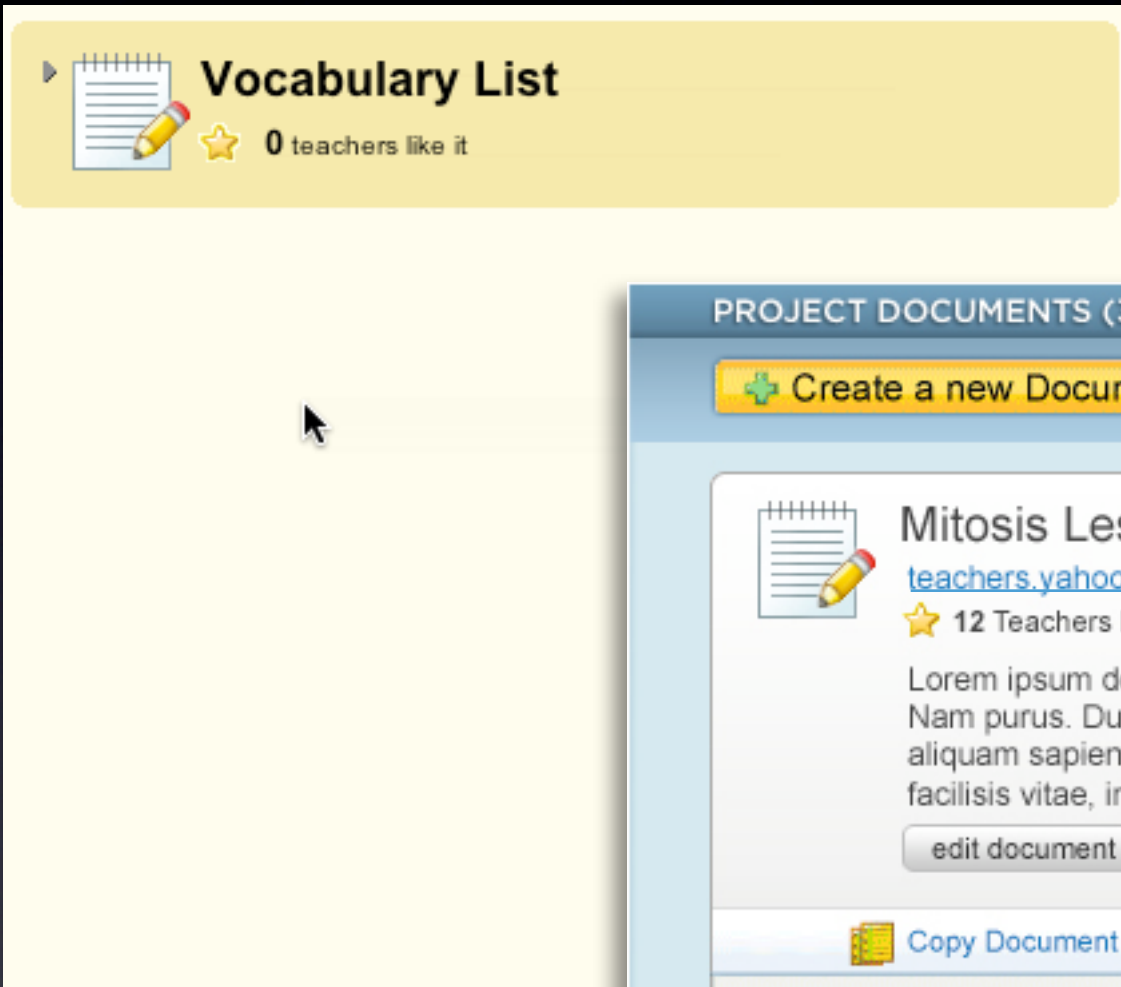
Or spell it out



anti-pattern. tiny targets

Ambiguity in targeting

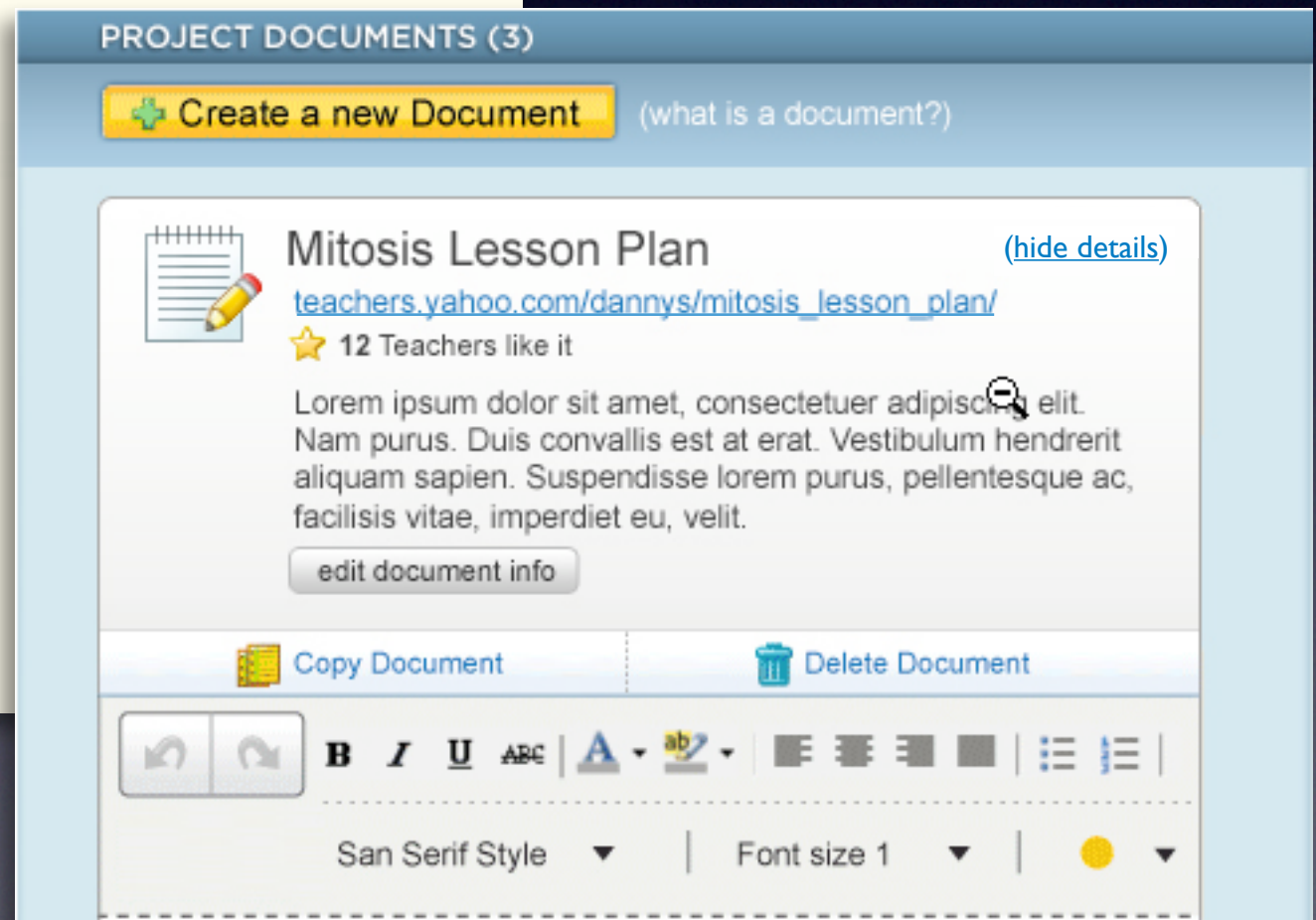
Is it just the divot? Or anywhere in the title?



Solutions

Larger target, to the upper right

Or spell it out



anti-pattern. tiny targets

The Yahoo! Gobbler has done well in tests due to the larger nature of the project drop targets.

Issue: small text drag target

Step 1. Selecting a Volcano

Topographic maps are available for all the volcanoes in the United States. Topographic maps and outdoor recreation stores also sell topographic maps. The model made by the National Geographic Society in 1250 about Mount St. Helens. [Click here](#) for a simple model of a major dome building episodes. Your model could

Step 2. Creating a Pattern.



YAHOO! GOBBLER™

Scratchpad

[Click here](#)
http://volcano.und.nodak.edu/vwdocs

+ Add Website

Projects(7)

“
r sites you will need to install
a simple Gobbler Browser
Button. Browse...”

[Landforms: Volcano...](#)

+ Add Website

Google

1.2345678901234567...

+ Add Website

“
Lions 3D: Roar of the

anti-pattern. tiny targets

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Step 1. Selecting a Volcano

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[TEXT ONLY]



science for a changing world

Hawaiian Volcano Observatory

Volcanic Hazards

- Kilauea
- Mauna Loa
- Earthquakes
- Other Volcanoes
- Volcanic Hazards
 - Types
 - Lava Zones
- About HVO

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

YAHOO! GOBBLER™

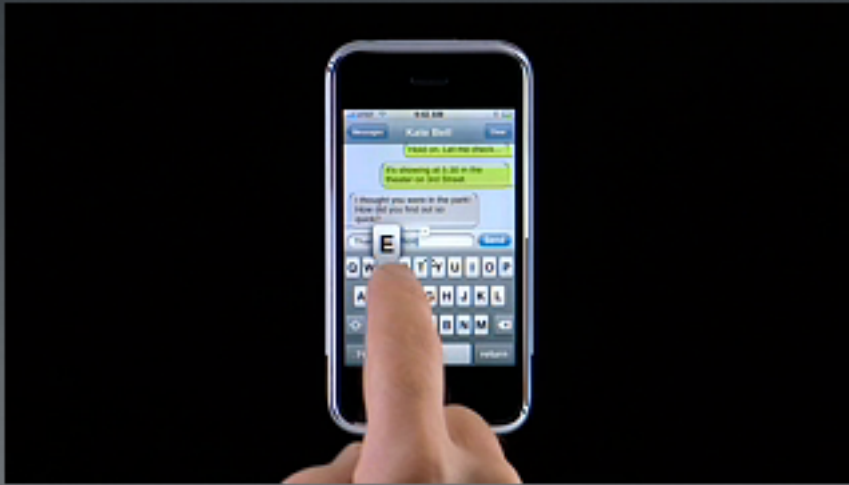
Projects (8)

- Geography: Land...
- Birds' Nests
- Scratchpad

Return to Y! Teachers

anti-pattern. **tiny targets**

Apple iphone keyboard



anti-pattern. tiny targets

Apple iphone keyboard

iPhone has revolutionary
dynamic target sizing



anti-pattern. tiny targets

Apple iPhone keyboard



iPhone has revolutionary dynamic target sizing

apple web site has the play controls as an 8 x 8 pixel target!

Watch it: [Small](#) | [Medium](#) | [Large](#)

strategies. **tiny targets**

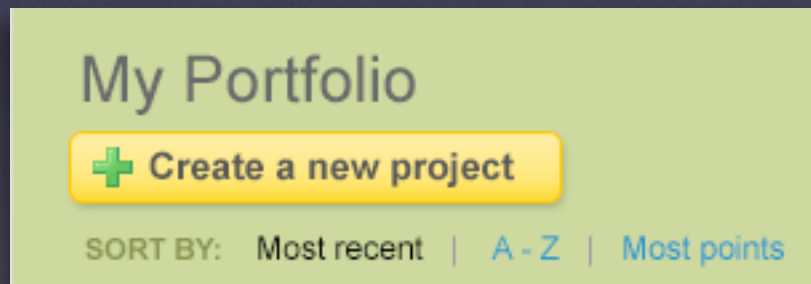
Activation targets and important commands need to be **large enough**, **visually distinct** and in **proximity** to operation.

Use in-context 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



anti-pattern. **hover & cover**

summary

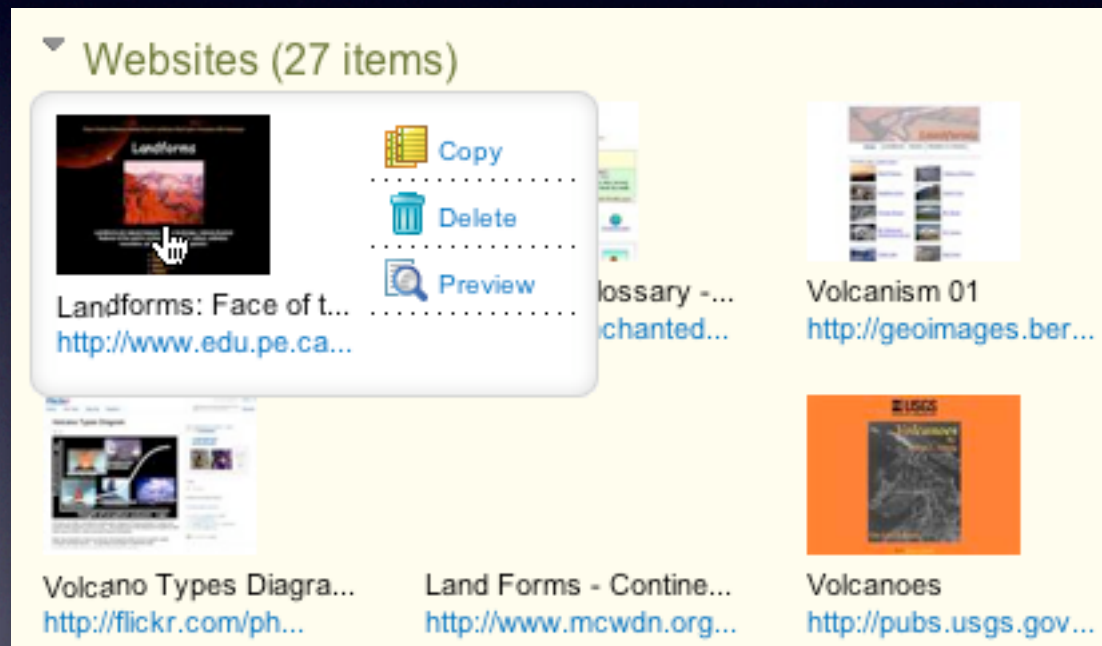
Hover reveal of information and actions has become more and more popular. Hover & Cover is when the hover actually hides important contextual information around the object or gets in the way of other actions.

anti-pattern. hover & cover

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

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)

The screenshot displays a web interface for a project titled "Geography: Landforms Copy". At the top left is a landscape image. The title "Geography: Landforms Copy" is prominently displayed, with a star icon and "0 teachers like it" below it. A navigation bar contains three buttons: "Edit Standards" (with a pencil icon), "Copy Project" (with a document icon), and "Delete Project" (with a trash icon). To the right is a "Create a" button with a plus sign and a user profile picture.

Below the navigation bar, the interface is divided into two main sections: "Project Assets:" and "Documents:". The "Project Assets:" section is expanded to show "Websites (27 items)". It features a grid of six website thumbnails, each with a title and a URL:

- Landforms: Face of t... <http://www.edu.pe.ca...>
- Landforms Glossary -... <http://www.enchanted...>
- Volcanism 01 <http://geoimages.ber...>
- Volcano Types Diagra... <http://flickr.com/ph...>
- Land Forms - Contine... <http://www.mcwdn.org...>
- Volcanoes <http://pubs.usgs.gov...>

The "Documents:" section shows a "Vocabulary List" document with a notepad icon, a star icon, and "0 teachers like it". Below the document title is another navigation bar with "Edit Standards" and "Copy Doc" buttons. A rich text editor toolbar is visible, including icons for undo, redo, bold, italic, underline, text color, and background color, along with dropdown menus for font family and font size. The document content includes the text "Landforms Vocabula" and "Volcano" above a landscape image.


anti-pattern. hover & cover

Example from plum.com

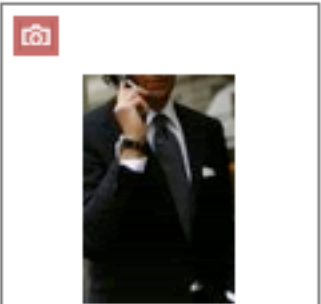
Drop down menu shows on hover and gets in the way. Too easy to accidentally turn it on.

▼ 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...](#)

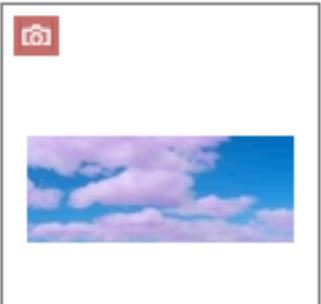
1 through 20 of 33,883 results 



[football](#)



[mm](#)



[CoolBlueClouds](#)

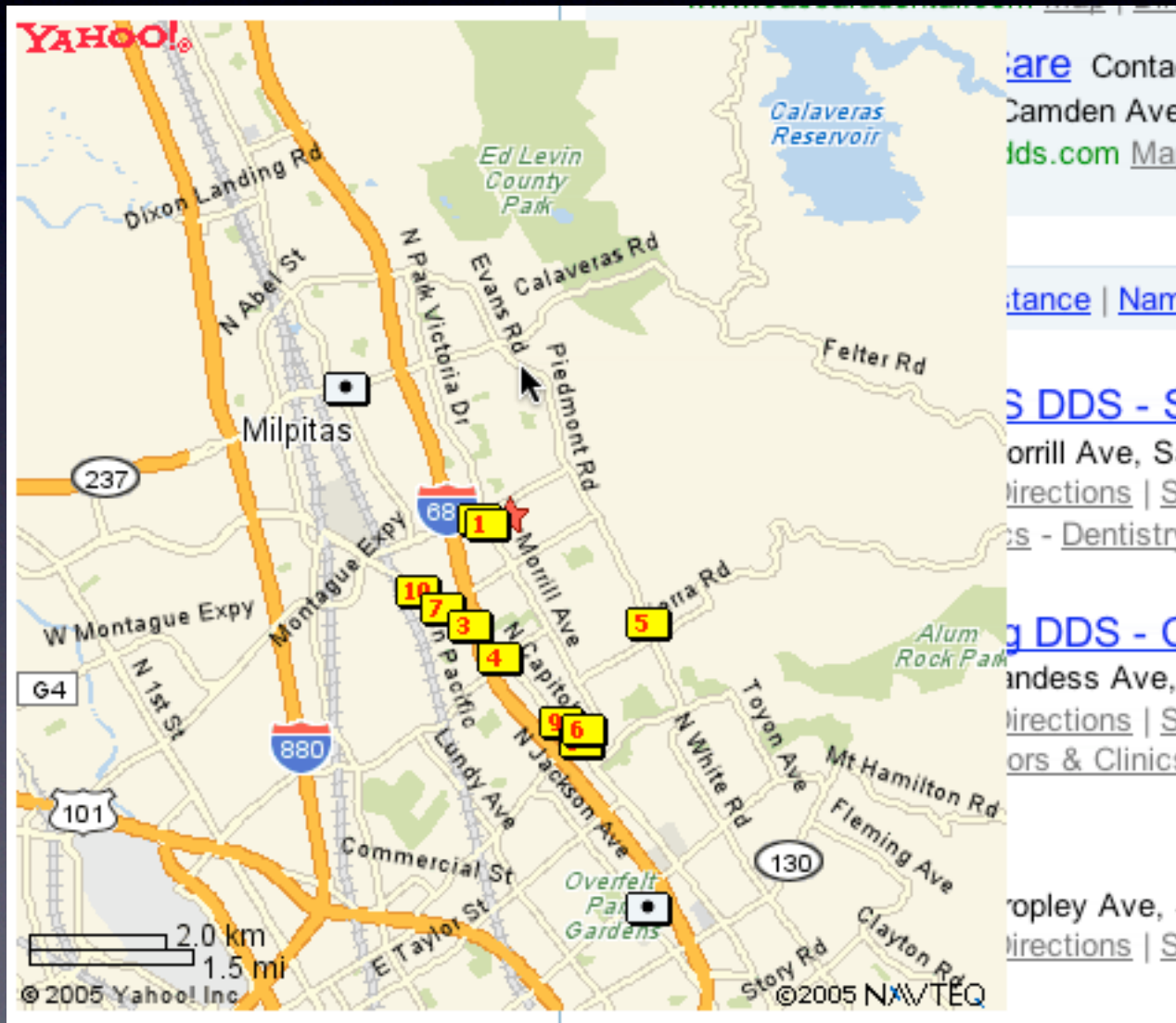


[i aint bowved](#)

anti-pattern. hover & cover

Yahoo! Local originally had this hover beast.

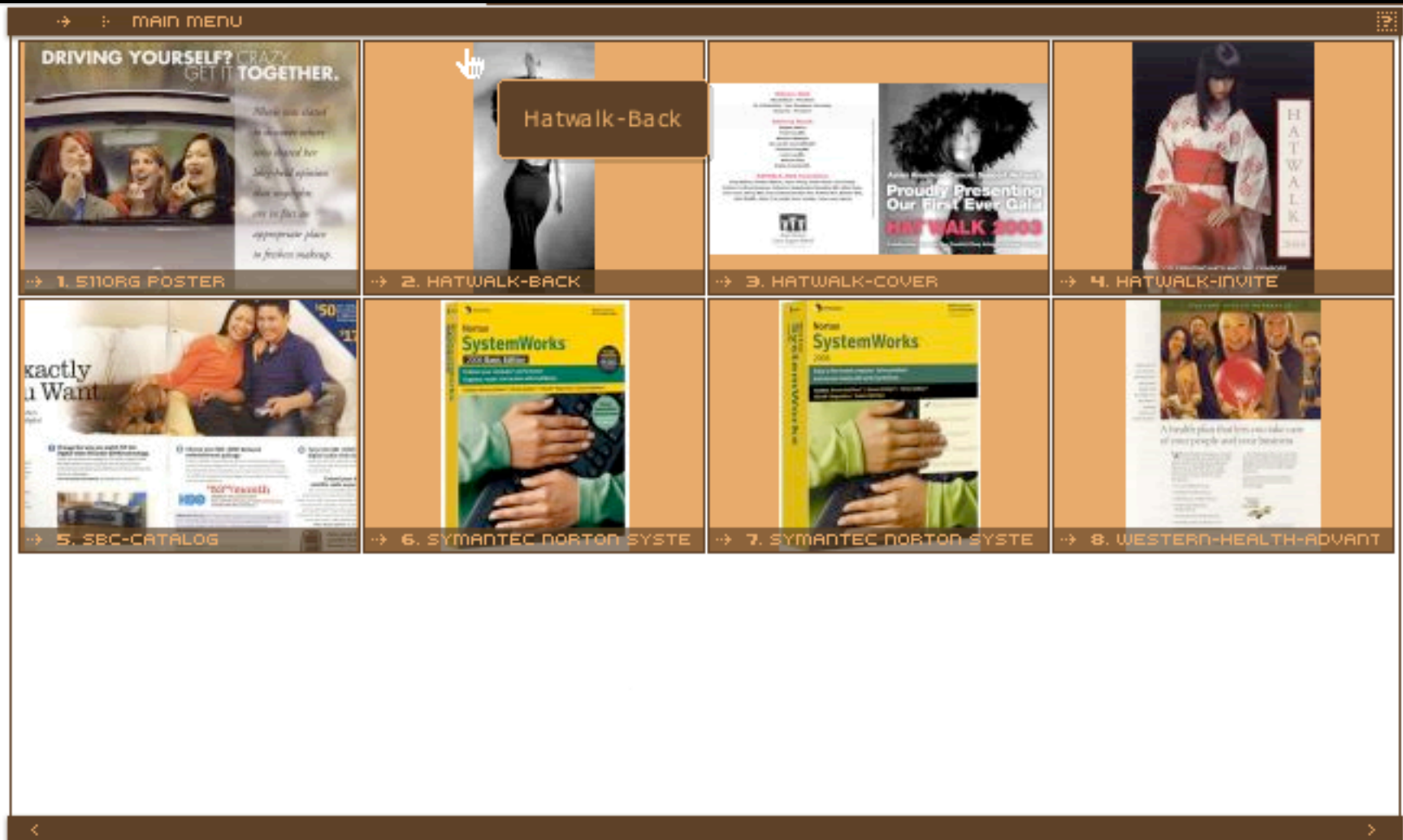
Thankfully it no longer functions this way :-)



anti-pattern. hover & cover

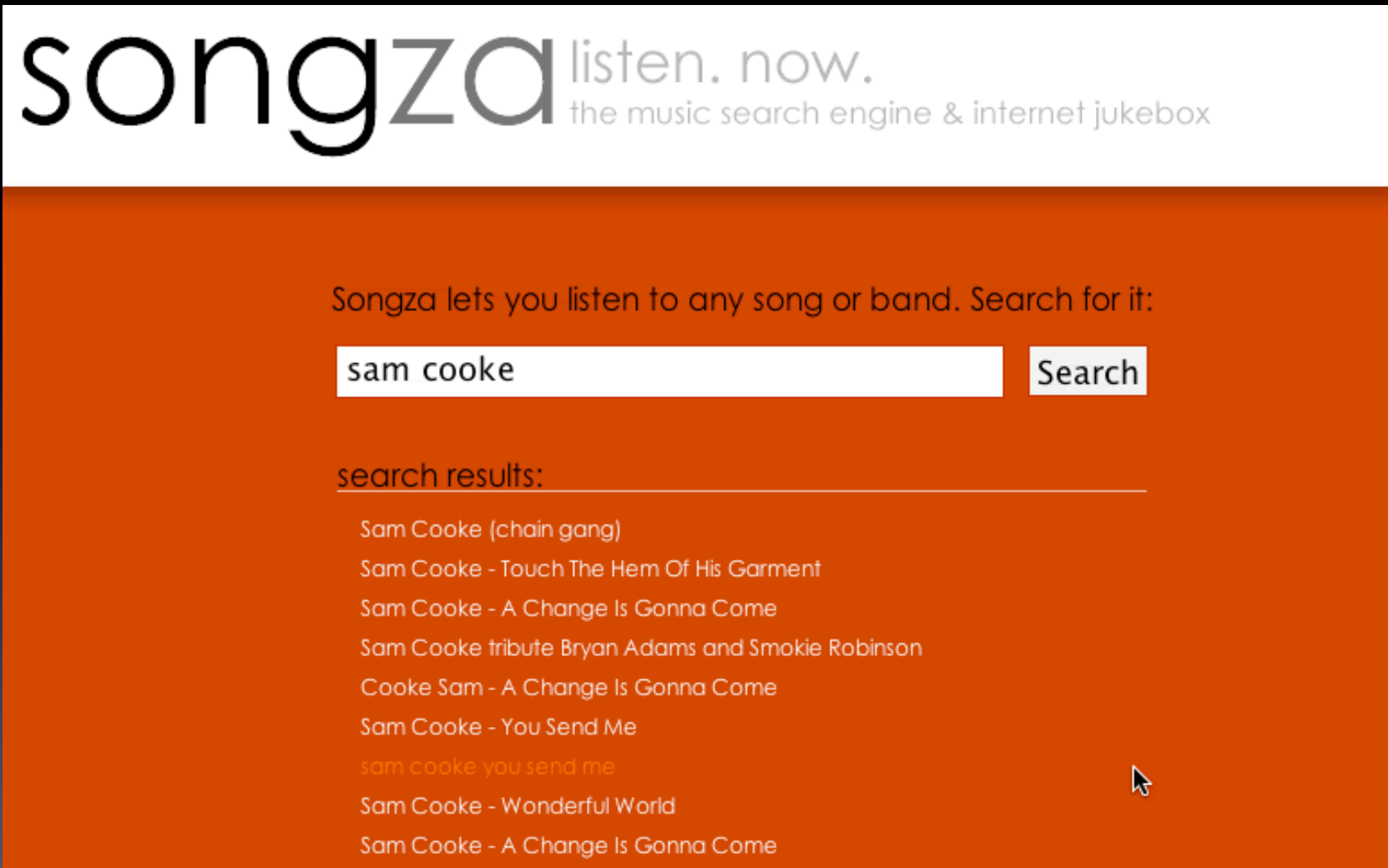
This one almosts leads to a new anti-pattern-- hover madness

Seriously what were they thinking?



refactoring. **hover** & **cover**

Use click for tools that will cover context



songza listen. now.
the music search engine & internet jukebox

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

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

refactoring. **hover & cover**

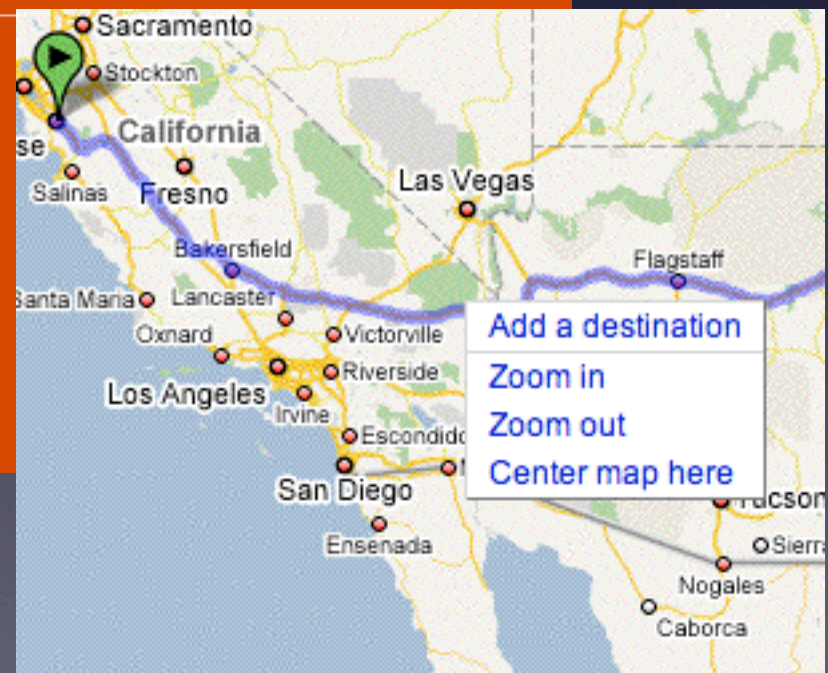
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- Sam Cooke - A Change Is Gonna Come



refactoring. hover & cover

Reserve same space for both hovered and non-hovered state

For hover details,

**allow a slight delay
before activation**

For hover details

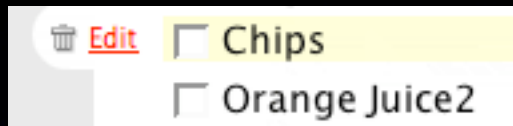
**don't cover important
context.**

For in-context tools,

show immediately and
hide immediately

refactoring. hover & cover

Reserve same space for both hovered and non-hovered state



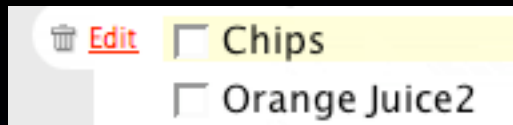
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refactoring. hover & cover

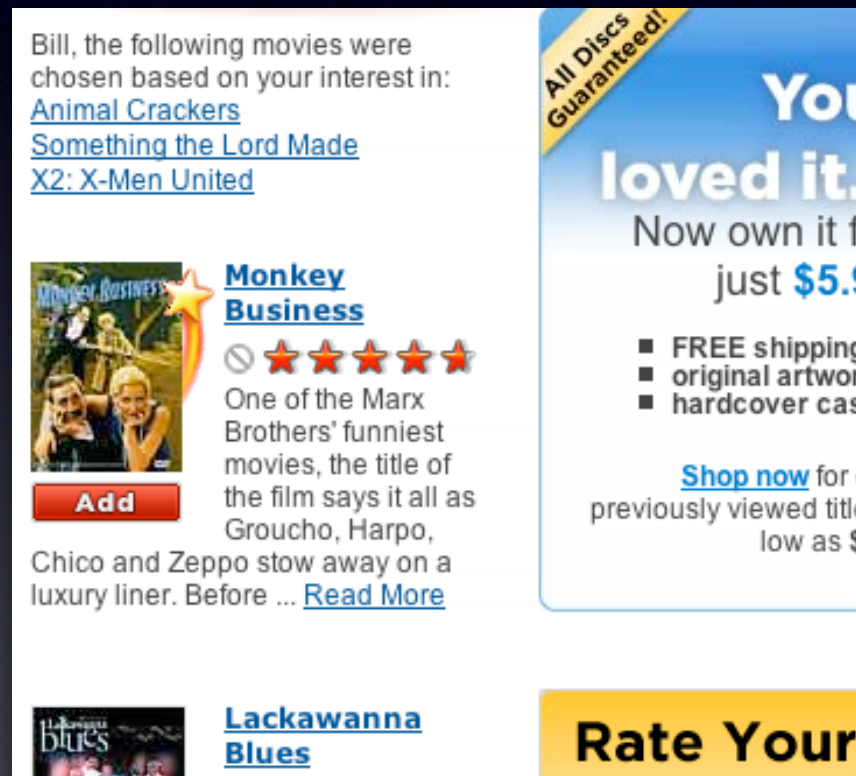
Reserve same space for both hovered and non-hovered state



For hover details,
allow a slight delay
before activation

For hover details
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hide immediately



anti-pattern. **borg idiom**

summary

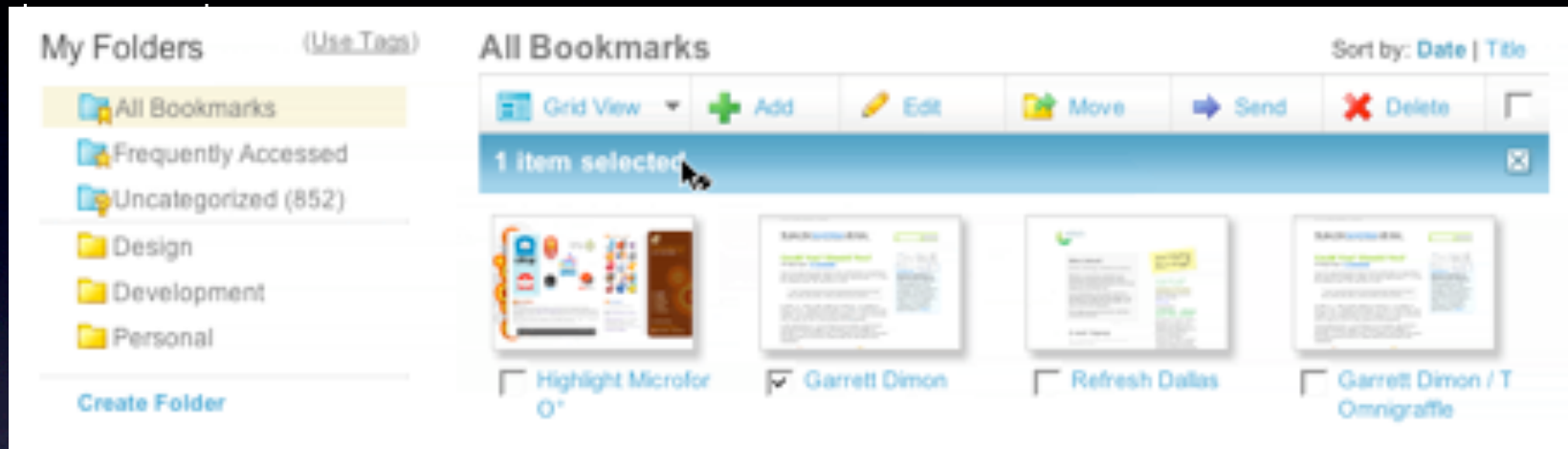
Not all idioms play well together. Some idioms are more powerful than others. For example, tree controls, drag and drop, selection mechanisms all set up an “interaction theme”.

Just like visual styles need to be consistent, interaction styles also need to be consistent throughout the entirety of the interface

Borg Idiom is the phenomenon of an idiom (once adopted) assimilating the rest of the interface. Sometimes the assimilation is just the fact that one idiom dominates due to the way the interface clues the user to their presence.

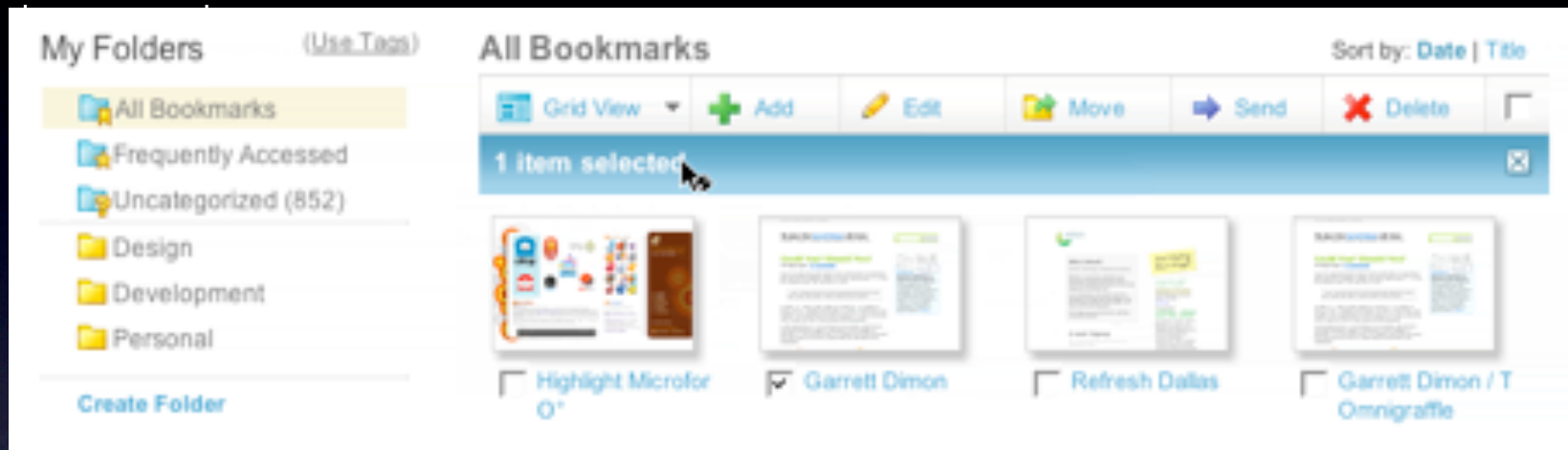
anti-pattern. borg idiom

Here was an early attempt on Yahoo! Bookmarks to blend drag and drop with item selection (checkbox idiom). It has odd side effects during the

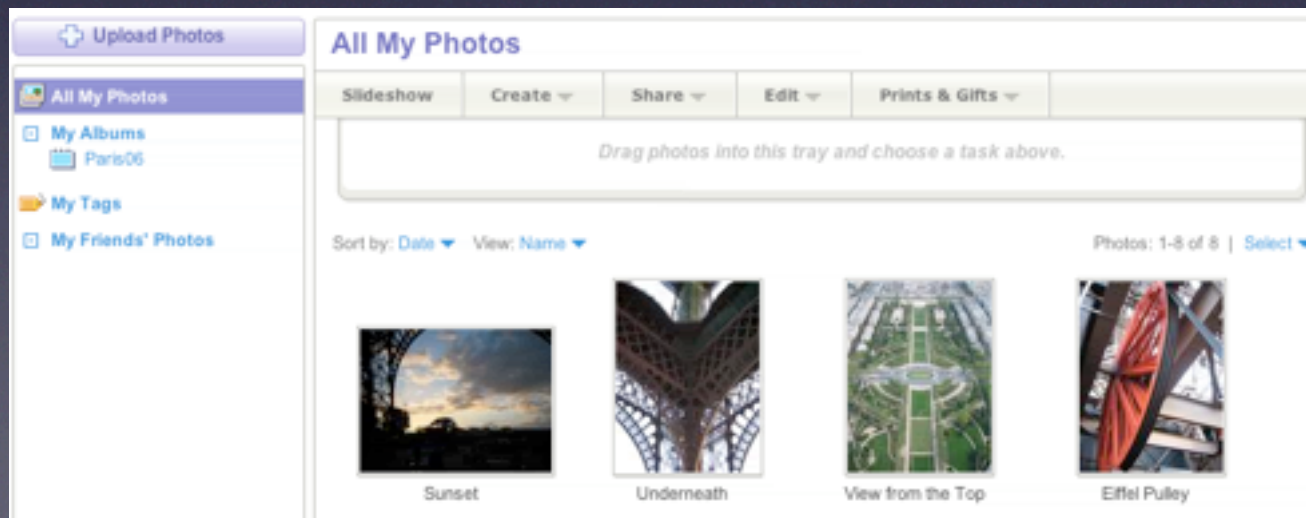


anti-pattern. borg idiom

Here was an early attempt on Yahoo! Bookmarks to blend drag and drop with item selection (checkbox idiom). It has odd side effects during the



In Yahoo! Photos (no longer available) drag selection was implemented well. One issue was the page metaphor + drag selection + a tray idiom.



anti-pattern. borg idiom

Three idioms living in parallel with each other. The old style overwhelms the other two.

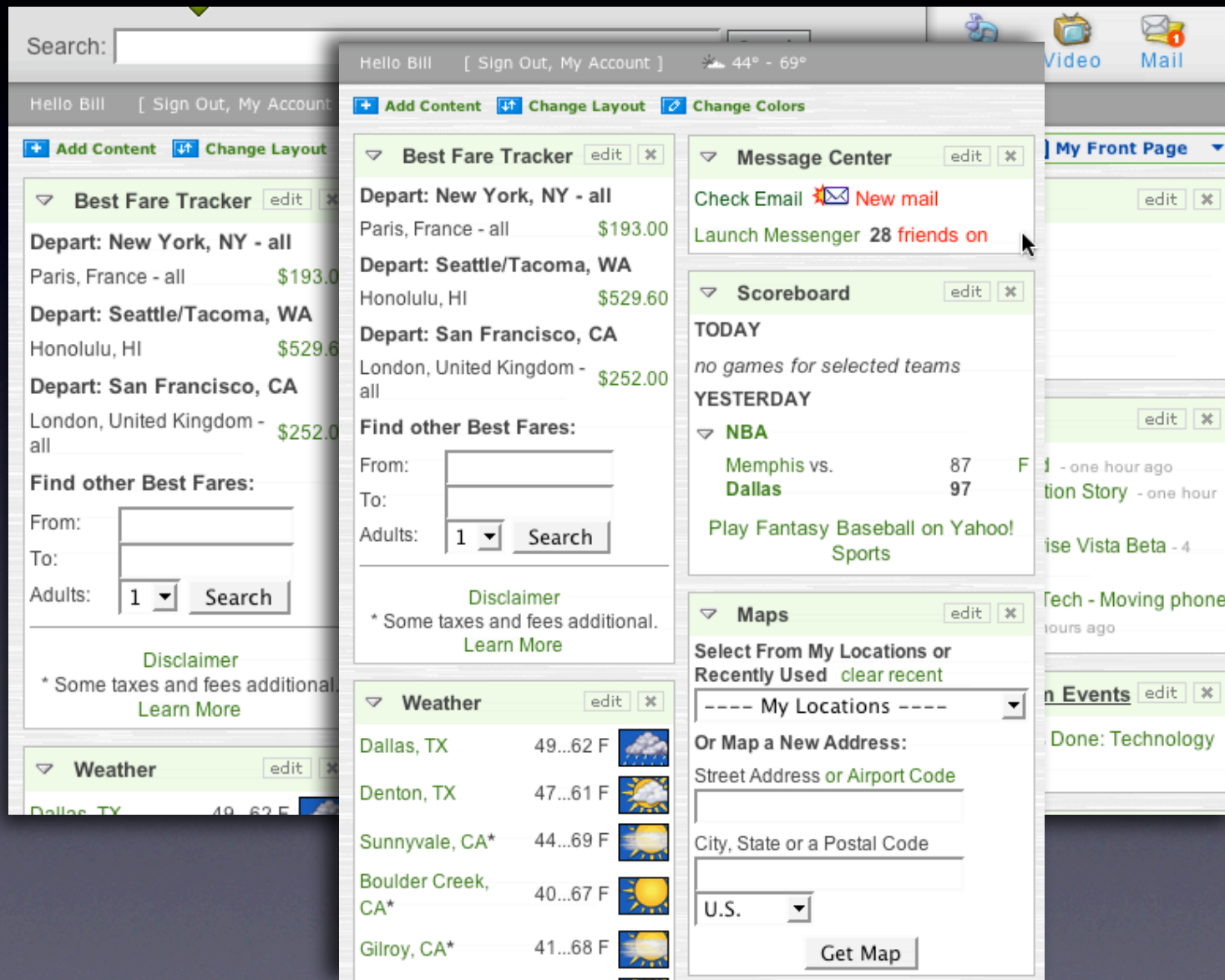
The screenshot displays a Yahoo! homepage with a grid of widgets. At the top, there is a search bar, a 'Search' button, and icons for Music, Video, and Mail. Below the search bar, the user is greeted with 'Hello Bill' and options to 'Sign Out' or 'My Account'. The weather is shown as 44° - 69°. The main content area is divided into several sections:

- Best Fare Tracker:** Lists flight options from New York, NY to Paris, France (\$193.00), Seattle/Tacoma, WA to Honolulu, HI (\$529.60), and San Francisco, CA to London, United Kingdom (\$252.00). It includes a 'Find other Best Fares' section with 'From', 'To', and 'Adults' fields.
- Message Center:** Shows 'Check Email' with a 'New mail' notification and 'Launch Messenger' with '28 friends on'.
- Scoreboard:** Displays 'TODAY' with 'no games for selected teams' and 'YESTERDAY' with an NBA game: Memphis vs. Dallas (87-97). It includes a link to 'Play Fantasy Baseball on Yahoo! Sports'.
- Maps:** Offers to 'Select From My Locations or Recently Used' and 'Or Map a New Address'.
- eHub:** Lists recent updates from Connotea, OnlyWire, LicketyTrip, Mecanbe, and Wufoo.
- Software News:** Lists news items such as 'Correction: Guidant Is Cited', 'Correction: Guidant-Inspection Story', 'Microsoft Releases Enterprise Vista Beta', and 'Edward C. Baig: Personal Tech - Moving phone pics a snap with Vizrea'.
- BayCHI Monthly Program Events:** Lists an event from 2006/03/14: 'Getting Things Done: Technology and Practice'.
- Weather:** Shows weather for Dallas, TX (49, 62, F).

Navigation and utility elements include 'Add Content', 'Change Layout', 'Change Colors', and a 'Select Page' dropdown set to 'My Front Page'.

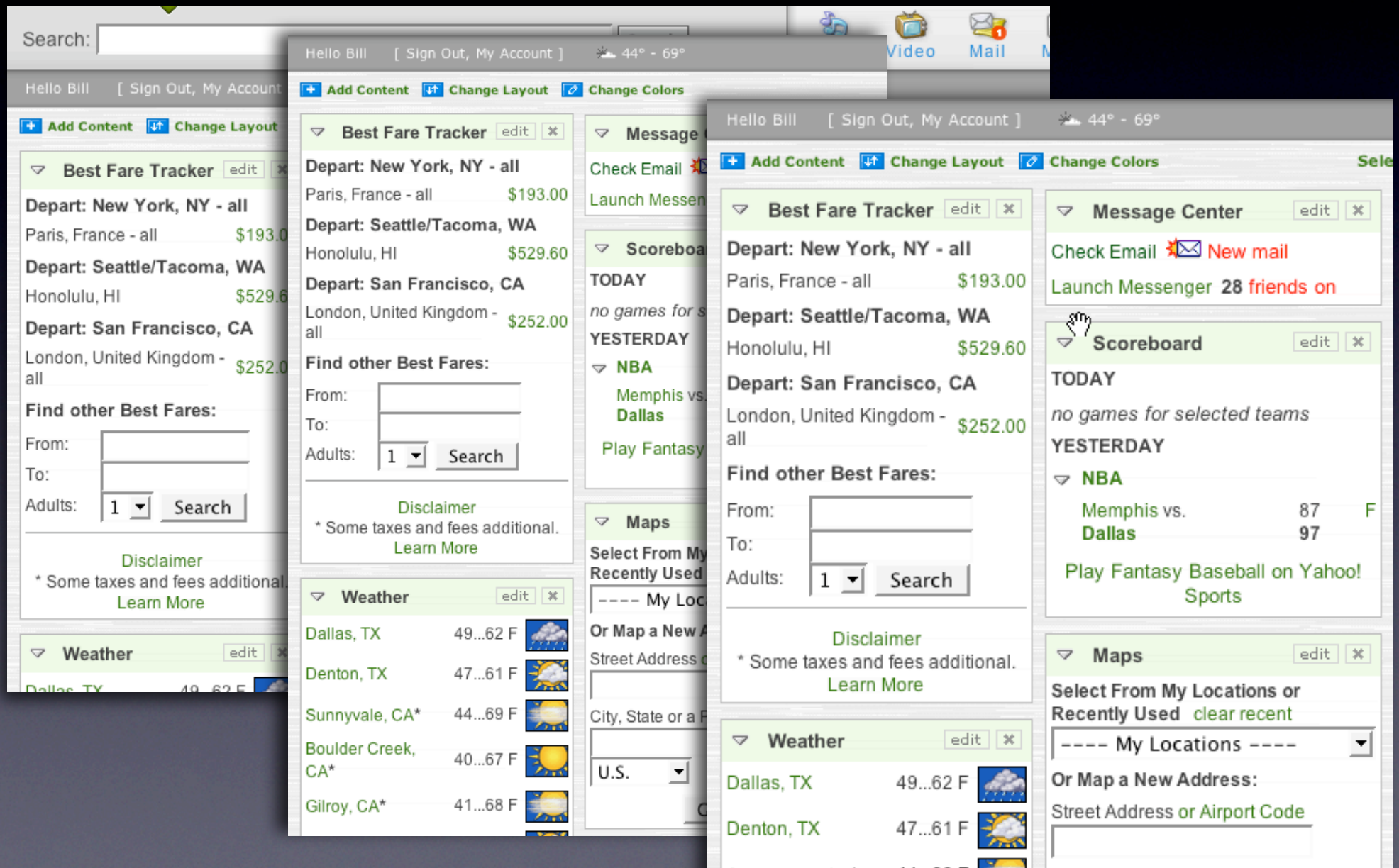
anti-pattern. borg idiom

Three idioms living in parallel with each other. The old style overwhelms the other two.



anti-pattern. borg idiom

Three idioms living in parallel with each other. The old style overwhelms the other two.



anti-pattern. borg idiom

Netflix recently added drag/drop to their movie queue.

Notice they were able to mix two idioms without one taking over from the other.






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

anti-pattern. borg idiom

Two approaches. Object selection (highlight idiom). Item selection (checkbox idiom). Is it possible to marry the two?

View: [All Messages](#) ▾ Messages 1-25 of 2624 First | Previous | [Next](#) | [Last](#)

Delete Spam Mark ▾ Move... ▾

<input type="checkbox"/>	Sender	Subject	Date	Size
<input checked="" type="checkbox"/>	THUNDER BALL PROMOTION 2006	congratulation	Wed Dec 20, 2006	2k
<input type="checkbox"/>	SketchUp	SketchUpdate December 20th	Wed Dec 20, 2006	31k
<input checked="" type="checkbox"/>	  Larry Mason	 Can you recommend a position ?	Wed Dec 20, 2006	68k
<input checked="" type="checkbox"/>	  Brent Ashley	Tools and frameworks re YUI	Wed Dec 20, 2006	2k

anti-pattern. borg idiom

Two approaches. Object selection (highlight idiom). Item selection (checkbox idiom). Is it possible to marry the two?

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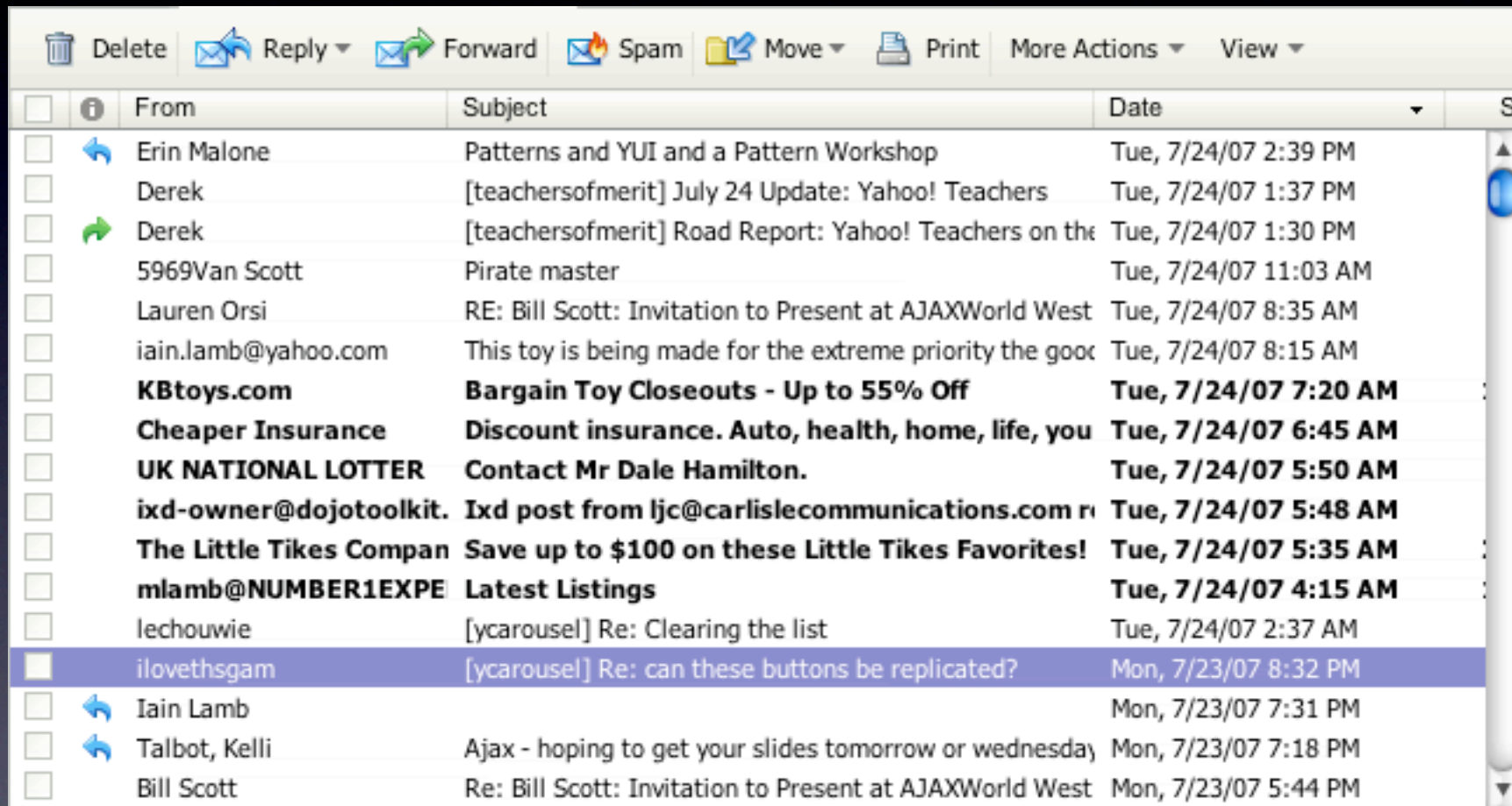
Home **Inbox** 2622 messages

Reply ▾ Forward Print Spam Delete More Actions ▾ View ▾

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

anti-pattern. borg idiom

Current Yahoo! Mail successfully married the two interaction idioms. It did it in a way that you can use either idiom as both have their advantages.



The screenshot shows a Yahoo! Mail inbox interface. At the top, there is a toolbar with icons for Delete, Reply, Forward, Spam, Move, Print, More Actions, and View. Below the toolbar is a table of email entries. Each entry consists of a checkbox, a small icon (like a reply or forward arrow), the sender's name, the subject, and the date. The email from 'ilovethsgam' is highlighted in blue.

<input type="checkbox"/>		From	Subject	Date	S
<input type="checkbox"/>		Erin Malone	Patterns and YUI and a Pattern Workshop	Tue, 7/24/07 2:39 PM	
<input type="checkbox"/>		Derek	[teachersofmerit] July 24 Update: Yahoo! Teachers	Tue, 7/24/07 1:37 PM	
<input type="checkbox"/>		Derek	[teachersofmerit] Road Report: Yahoo! Teachers on the	Tue, 7/24/07 1:30 PM	
<input type="checkbox"/>		5969Van Scott	Pirate master	Tue, 7/24/07 11:03 AM	
<input type="checkbox"/>		Lauren Orsi	RE: Bill Scott: Invitation to Present at AJAXWorld West	Tue, 7/24/07 8:35 AM	
<input type="checkbox"/>		iain.lamb@yahoo.com	This toy is being made for the extreme priority the good	Tue, 7/24/07 8:15 AM	
<input type="checkbox"/>		KBtoys.com	Bargain Toy Closeouts - Up to 55% Off	Tue, 7/24/07 7:20 AM	
<input type="checkbox"/>		Cheaper Insurance	Discount insurance. Auto, health, home, life, you	Tue, 7/24/07 6:45 AM	
<input type="checkbox"/>		UK NATIONAL LOTTER	Contact Mr Dale Hamilton.	Tue, 7/24/07 5:50 AM	
<input type="checkbox"/>		ixd-owner@dojotoolkit.	Ixd post from ljc@carlislecommunications.com r	Tue, 7/24/07 5:48 AM	
<input type="checkbox"/>		The Little Tikes Compan	Save up to \$100 on these Little Tikes Favorites!	Tue, 7/24/07 5:35 AM	
<input type="checkbox"/>		mlamb@NUMBER1EXPE	Latest Listings	Tue, 7/24/07 4:15 AM	
<input type="checkbox"/>		lechouwie	[ycarousel] Re: Clearing the list	Tue, 7/24/07 2:37 AM	
<input checked="" type="checkbox"/>		ilovethsgam	[ycarousel] Re: can these buttons be replicated?	Mon, 7/23/07 8:32 PM	
<input type="checkbox"/>		Iain Lamb		Mon, 7/23/07 7:31 PM	
<input type="checkbox"/>		Talbot, Kelli	Ajax - hoping to get your slides tomorrow or wednesday	Mon, 7/23/07 7:18 PM	
<input type="checkbox"/>		Bill Scott	Re: Bill Scott: Invitation to Present at AJAXWorld West	Mon, 7/23/07 5:44 PM	

refactoring. borg idiom

For content-oriented rich sites, **avoid** becoming **control-heavy**. Stay away from the tree control and other strong desktop style controls.

Make your content interactive, thus making the content the control.

Before adding any interaction style, **make sure it will scale** across all known parts of your interface.

Watch out when mixing drag and drop with checkbox style selection.

Avoid mixing selection styles.

anti-pattern. **novel notion**

summary

Creating a new interface for a common idiom that is more confusing than the original. Sometimes it is just misusing a component for a new purpose.

examples

Using drag and drop for simple attribute setting; using odd navigation schemes for some supposed effect

anti-pattern. novel notion

This is just bizarre. Especially the “Search Jobs” link. And it plays music ;-)



[Home](#)

[About us](#)

[Corporate Assistance](#)

[Candidate Assistance](#)

[Search Jobs](#)

[Contact Us](#)

anti-pattern. novel notion

This is just bizarre. Especially the “Search Jobs” link. And it plays music ;-)



[Home](#)

[About us](#)

[Corporate Assistance](#)

[Candidate Assistance](#)

[Search Jobs](#)

[Contact Us](#)

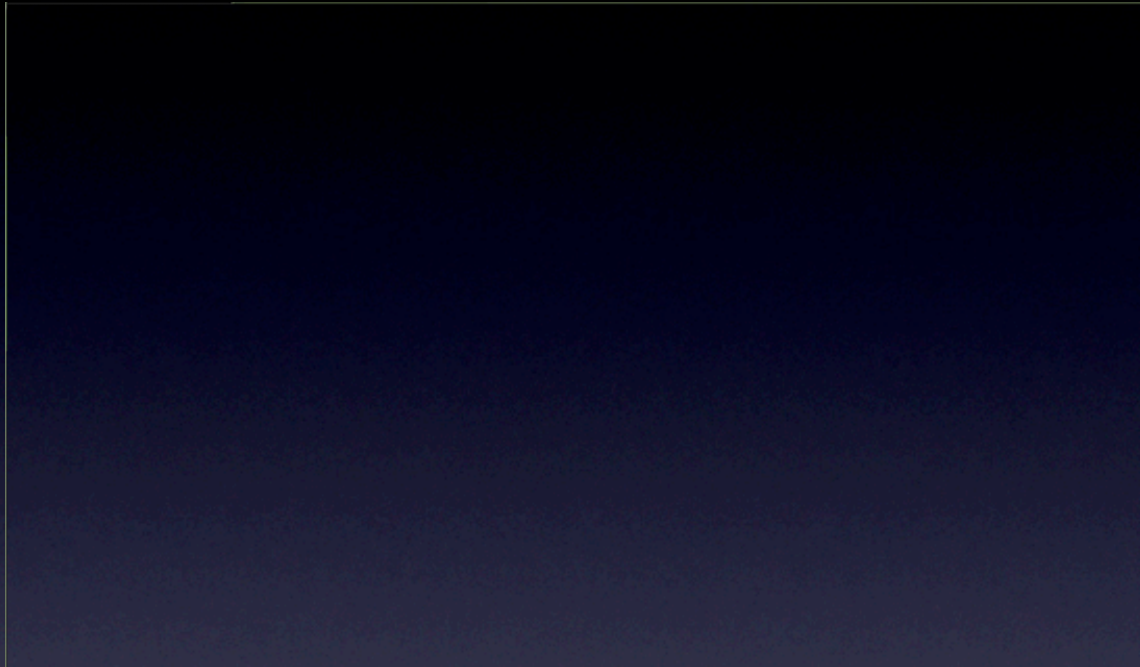
anti-pattern. **novel notion**

This guy won an award! Look it's just marking stuff as 'favorite'.



anti-pattern. novel notion

This guy won an award! Look it's just marking stuff as 'favorite'.



And this is yet another novel approach to favorites

The screenshot shows the WatchThisNext website. The header is green with the logo "WatchThisNext" and the tagline "Drag n' Drop DVD Recommendations". Navigation links for "Start Over" and "Contact Us" are in the top right. Below the header, four DVD recommendations are displayed in a row:

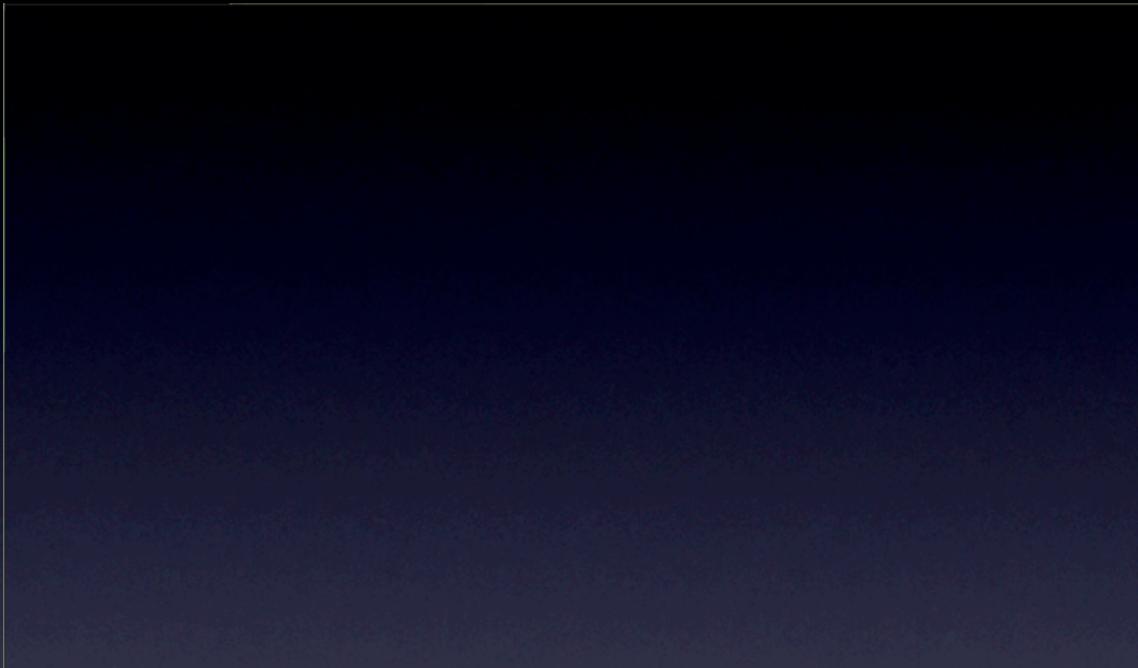
- Mean Creek** with a "Find out more" link.
- Prokofiev - Ivan the Terrible / Mukhamedov, Bessmertnova, Taranda, Zhuraitis, Bolshoi Ballet** with a "Find out more" link.
- City Heat** with a "Find out more" link.
- The Rainmaker** with a "Find out more" link.

Below the recommendations, the instruction "Drag the DVDs into the boxes below" is shown, along with a note: "When we suggest a DVD you like, click the 'find out more' link to see more information or buy the DVD." Three boxes are provided for user feedback:

- Loved It**: Or show me more like this.
- Haven't Seen It**: Or I'm not interested in it.
- Loathed It**: Or don't show me DVDs like this.

anti-pattern. novel notion

This guy won an award! Look it's just marking stuff as 'favorite'.



Already solved.

And this is yet another novel approach to favorites

WatchThisNext
Drag n' Drop DVD Recommendations

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

Mean Creek [Find out more](#)

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

City Heat [Find out more](#)

The Rainmaker [Find out more](#)

Drag the DVDs into the boxes below

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


Loved It
Or show me more like this.

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


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

Classics

Recommendations

 **High Plains Drifter**
★★★★★


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

 **The Great Escape**
★★★★★


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

[More Recommendations >](#)

Featured Subg
CLASSIC CO

 **Duck and Cover**

Jane, two up-ar
yuppies who ex
lifestyle before
name for it. But
his lucrative job
[Read More](#)

 **The Great Escape**

again -- this tim
the life and time
Perhaps the mo

anti-pattern. novel notion

novel approach to putting candy in a box... how about drag and drop?

ROGERS' CHOCOLATES MY ROGERS' WELCOME BILL SCOTT LOGOUT

Shop Online My Rogers' Resources Locations About Us Help Press Room

1 item is in your cart [VIEW CART](#) [CHECKOUT](#)

Flavours

- Standard Assortment
- Blueberry
- Candy Cane
- Caramel
- Cherry
- Chocolate
- Chocolate Nut
- Chocolate Swirl
- Coconut
- Coffee
- Cranberry
- Dk Choc Almond Brittle
- Eggnog
- Empress Square
- Ginger
- Lemon
- Maple
- Maple Nut
- Marzipan
- Mk Choc Almond Brittle
- Orange
- Peach
- Peppermint
- Pumpkin
- Raspberry
- Rum
- Strawberry
- Vanilla

Box Name [DONE](#)

If you are satisfied with the selected assortment, click Done.


To change a flavour in this assortment:

Step 1 - click on a chocolate below to remove it from the box.

Step 2 - click on a flavour from the left to add to the box.

Step 3 - when the box is full, please give it a name above (e.g. "Chocolates for Mom") and click Done. The name you enter here will appear on your confirmation.

Caramel Cream (x2), Chocolate (x1), Coffee (x1), Dk Choc Almond Brittle (x1), Empress Square (x2), Lemon (x1), Vanilla (x1), Pumpkin (x1)

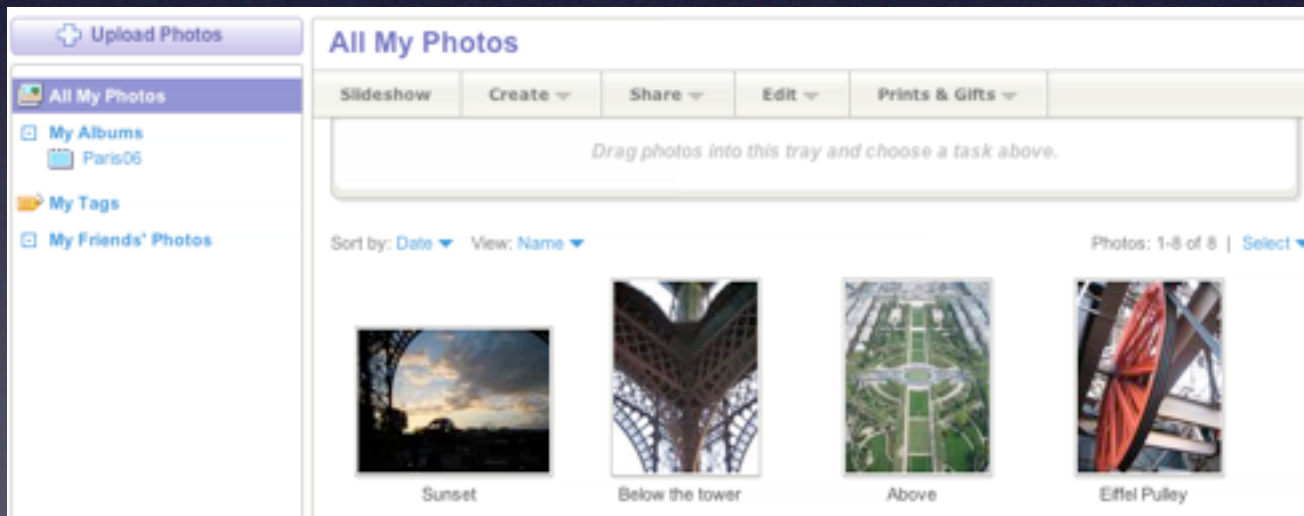


anti-pattern. novel notion

Yahoo! Photos (going away) tried a novel approach to selection. It involved the new concept of a “tray” for holding temporarily selected items.

Technically perfect. But design-wise misguided. Created two targets for commands: selected items and items in the tray.

As a result the menu commands were duplicated for the tray and for the current selection. Confusing.



editors have some graphic capabilities, they're
L limitations. Buzzword, however, can flow text around
To place a graphic into this document, open the Image
the Insert Image icon. Or, you can select Image... from



refactoring. **novel notion**

Understand the purpose of each type of **component**

- Carousels do not replace scrolled lists
- Drag and drop is not for single attribute setting

Don't construct an artificial interface to support an idiom (don't create the house for the nail)

A **novel approach will work if it is intuitive** (but what is intuitive?)

If you think you need something never created before, **think twice** about it

anti-pattern. **linkitus**

summary

The syndrome of having no idea where a link will lead you. could be an in page action, could reveal information, could take you to new page, could popup something, could engage on hover. Can also be aggravated by inconsistent use of links on the same page.

examples

yahoo.com inconsistent use of links on main page, teachers.yahoo.com around id card

anti-pattern. linkitus

On the home page, there are three kinds of links:

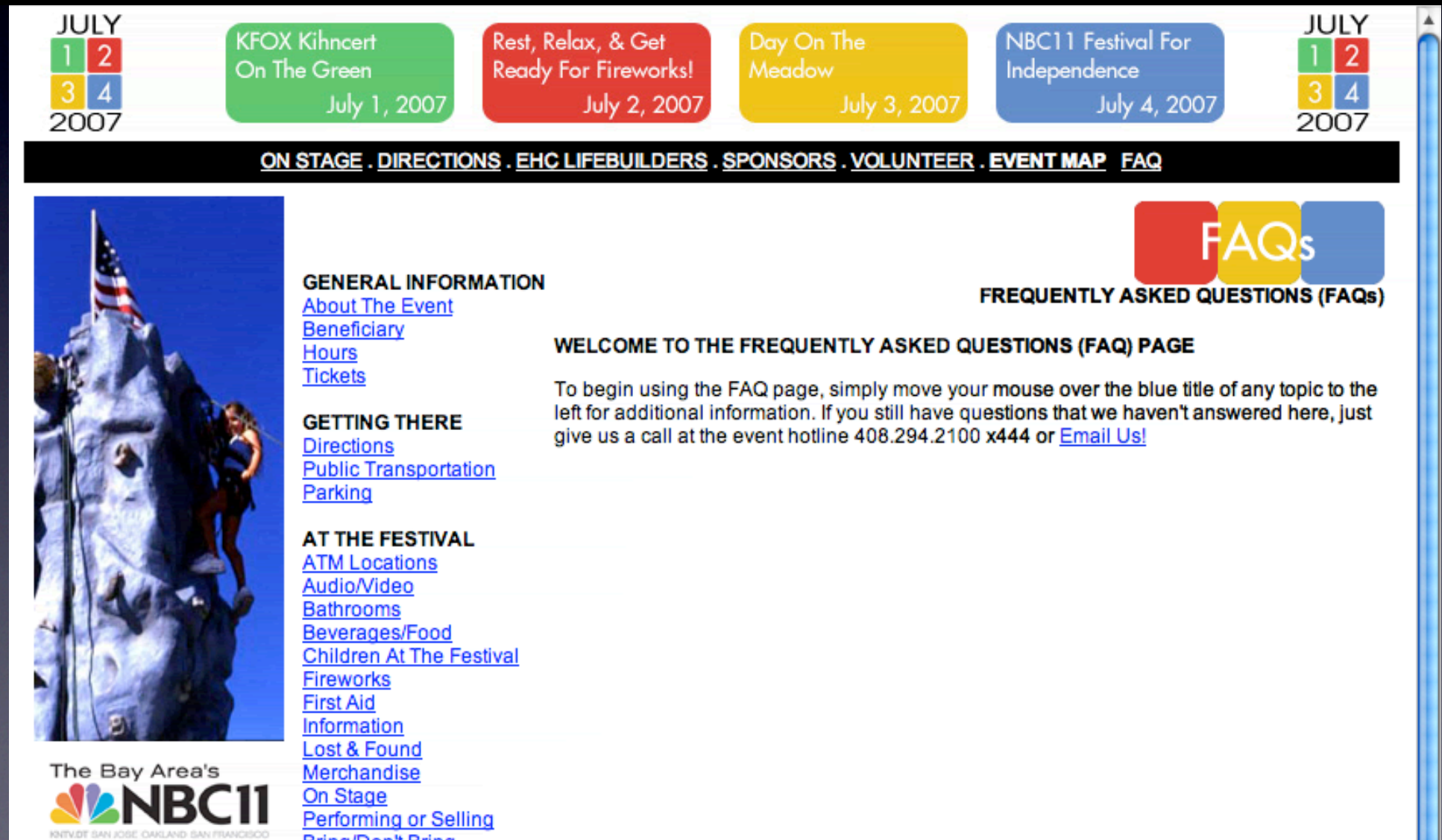
- Reveal other content in context
- Take you to the article
- Expose area (hover to reveal, click to go to tool)

The screenshot shows a news website interface. At the top, there are navigation tabs for 'Featured', 'Entertainment', 'Sports', and 'Life'. The 'Featured' tab is active, showing the date 'Jul 24, 2007'. The main featured article is titled 'Best & worst smoothies' with a sub-headline 'Some drinks are healthy, but others are loaded with calories.' and a 'More' link. Below the headline are three bullet points: 'How to make a healthy smoothie', 'Peach-banana smoothie recipe', and 'Wake-up morning drink'. To the right of the main article are four smaller featured items, each with a small image and a title: 'Best and worst smoothies for your diet', 'NFL rankings: Where's your team ranked?', 'Close plays a ruthless attorney in 'Damages'', and 'Save big with biweekly mortgage payments'. A 'More Featured' link is at the bottom right of this section. On the right side of the page, there is a user greeting 'Hi, Bill' and a 'Sign Out' link. Below the greeting are six utility buttons: 'Mail 45 New', 'Messenger', 'Radio', 'Weather 78°F', 'Local', and 'Horoscope'. At the bottom right, there is a large yellow banner for 'SUNDAY AUGUST 2007' with a large number '5' and a call to action: 'CAST YOUR VOTE FOR THE WINNING PROJECT BEFORE MIDNIGHT ON SUNDAY,'.

anti-pattern. linkitus

Bizarre use of links. Hover reveals information. Click does nothing.

Very close to being a candidate for Novel Notions.



The screenshot shows a website header for the July 2007 festival. It features a navigation bar with links: ON STAGE, DIRECTIONS, EHC LIFEBUILDERS, SPONSORS, VOLUNTEER, EVENT MAP, and FAQ. Below the navigation bar is a large image of a rock climber on a blue rock wall. To the right of the image is a large 'FAQs' button. The main content area is titled 'FREQUENTLY ASKED QUESTIONS (FAQs)' and contains a welcome message and a list of links for general information, getting there, and at the festival.

JULY
1 2
3 4
2007

KFOX Kihncert
On The Green
July 1, 2007

Rest, Relax, & Get
Ready For Fireworks!
July 2, 2007

Day On The
Meadow
July 3, 2007

NBC11 Festival For
Independence
July 4, 2007

JULY
1 2
3 4
2007

[ON STAGE](#) . [DIRECTIONS](#) . [EHC LIFEBUILDERS](#) . [SPONSORS](#) . [VOLUNTEER](#) . [EVENT MAP](#) [FAQ](#)

FAQs
FREQUENTLY ASKED QUESTIONS (FAQs)

GENERAL INFORMATION
[About The Event](#)
[Beneficiary](#)
[Hours](#)
[Tickets](#)

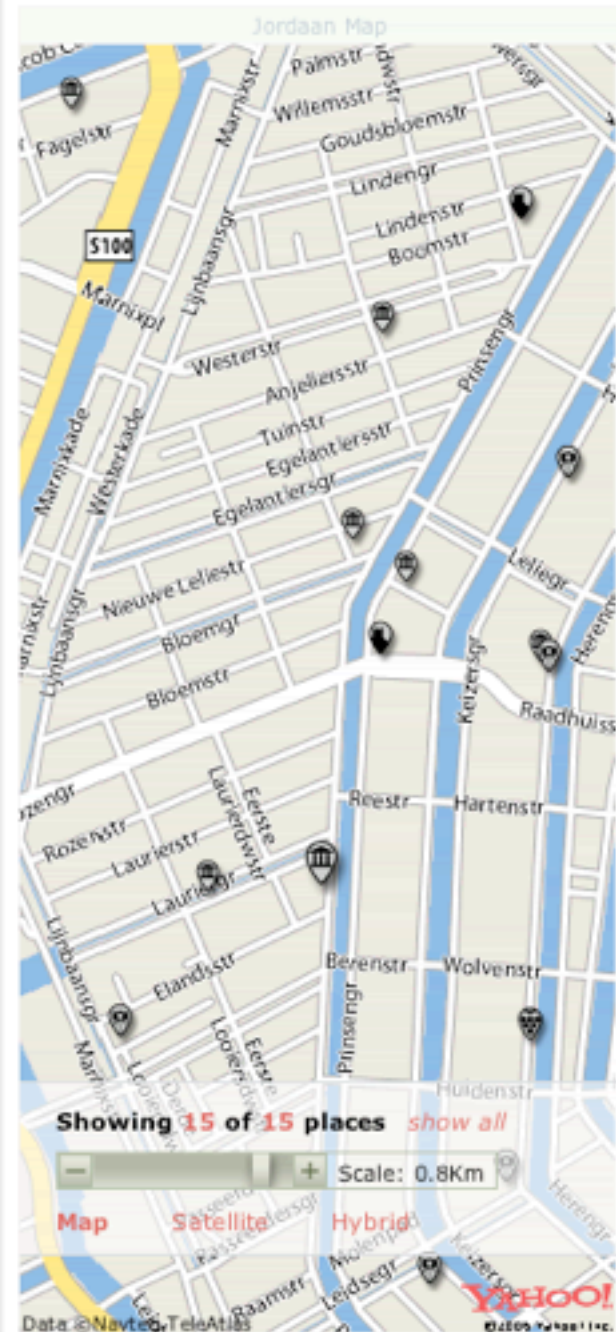
GETTING THERE
[Directions](#)
[Public Transportation](#)
[Parking](#)

AT THE FESTIVAL
[ATM Locations](#)
[Audio/Video](#)
[Bathrooms](#)
[Beverages/Food](#)
[Children At The Festival](#)
[Fireworks](#)
[First Aid](#)
[Information](#)
[Lost & Found](#)
[Merchandise](#)
[On Stage](#)
[Performing or Selling](#)
[Bring/Don't Bring](#)

The Bay Area's
NBC11
KNTV/DT SAN JOSE, OAKLAND, SAN FRANCISCO

WELCOME TO THE FREQUENTLY ASKED QUESTIONS (FAQ) PAGE

To begin using the FAQ page, simply move your mouse over the blue title of any topic to the left for additional information. If you still have questions that we haven't answered here, just give us a call at the event hotline 408.294.2100 x444 or [Email Us!](#)



Places

Photos



Admiraal Cheers!
print - zoom in



Anne Frank House
Anne Frank's Hideaway
print - zoom in



Brouwersgracht
Canal at the city centre
print - zoom in



Dutch Theatre Institute
Theater, museum and library
print - zoom in



Het Huis met de Hoofden
House of heads
print - zoom in



Houseboat Museum
Living on Water
print - zoom in



Marcel Wanders
Wander & Wonder!
print - zoom in



Pianola Museum
History of the pianola
print - zoom in



Spiegelkwartier
Picturesque neighbourhood
print - zoom in



The North Church
In the Jordaan
print - zoom in



The West Church
Amsterdam's Most Famous Church



Photo: Bill Scott

Houseboat Museum

Prinsengracht 296
Amsterdam, 1016 HW
Tel: +31 (0)20 427 0750
info@houseboatmuseum.nl
www.houseboatmuseum.nl

This museum is located on the *Hendrik Maria*, a former commercial sailing ship built in 1914. On board, the visitor obtains information on the nature of this special lifestyle, living on a boat that never moves, which is so unique to Amsterdam. The deckhouse, where the shipper's family resided, is still in place including the cupboard bed. The former cargo hold has now been converted into comfortable living space. Ship's models, photos and slides complete the tour. See website for photos, routes, visitor details and more.

Review © 2007, [Wcities](#)



HOME

NEWS

MISSIONS

MULTIMEDIA

ABOUT NASA

> en Es
> More

Username

> Log In | > Sign Up

For Public | For Educators | For Students | For Media | For Policymakers | For Employees | MyNASA

Bookmark

▶ Atlantis 'Go' for Dec. 6 Launch

▶ NASA Scientist Confirms Light Show on Venus

▼ Youthful Star Sprouts Planets Early



NASA's Spitzer Space Telescope has spotted a stellar prodigy which may provide insight into when planets began to form in our own solar system. > Read More



SHUTTLE & STATION



SOLAR SYSTEM



AERONAUTICS

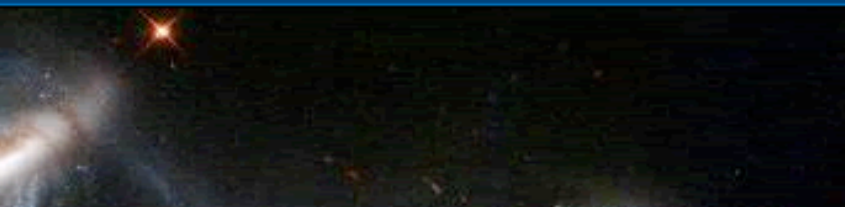


TECHNOLOGY



NASA PEOPLE

Image of the Day Gallery



NASA TV & Video

NASA TV (Live)

Video On Demand



Popular Content

mars

nasa tv

anti-pattern. windows aplenty

summary

The practice of throwing up unnecessary idiot boxes. So many reasons this is just wrong...

The screenshot displays the Yahoo! Photos web interface. At the top, the 'YAHOO! PHOTOS' logo is on the left, and a user greeting 'Welcome, b.scott' with links for '[Sign Out, My Account]' is on the right. Below this is a navigation bar with icons and labels for 'Home', 'Prints & Gifts', 'View Cart', 'Settings', and 'Help', along with a search box for 'Search My Tags'. A prominent purple 'Upload Photos' button is on the left. The main content area is titled 'All My Photos' and features a toolbar with buttons for 'Slideshow', 'Create', 'Share', 'Edit', and 'Prints & Gifts'. Below the toolbar is a large, empty box with the instruction 'Drag photos into this tray and choose a task above.' The photos are sorted by 'Date' and are displayed in a grid. The first row shows three photos: 'Sunset', 'Underneath', and 'View from the Top'. The interface is characterized by numerous overlapping boxes, buttons, and text elements, illustrating the 'anti-pattern' of excessive windowing.

YAHOO! PHOTOS Welcome, b.scott [Sign Out, My Account] All My Photos

Home Prints & Gifts View Cart Settings Help Search My Tags

Upload Photos

All My Photos

My Albums Paris06

My Tags

My Friends' Photos

All My Photos

Slideshow Create Share Edit Prints & Gifts

Drag photos into this tray and choose a task above.

Sort by: Date

Sunset Underneath View from the Top

anti-pattern. **animation gone wild**

summary

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

examples

amazon carousel, tab animation, (stuff from transition talk)

anti-pattern. animation gone wild

Why the extra little slide in?






11 Step Eleven

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

12 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 [pets](#) 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,

anti-pattern. animation gone wild

animated menus... so 90's

The image shows a screenshot of the NASA website homepage from the late 1990s. The page has a dark, almost black background with a blue and white NASA logo in the top left corner. The navigation menu consists of five main categories: HOME, NEWS, MISSIONS, MULTIMEDIA, and ABOUT, all in white capital letters. Below the navigation menu, there is a search bar and a login/sign-up section with the text "Username" and "Log In | Sign Up". A secondary navigation bar includes links for "For Public", "For Educators", "For Students", "For Media", "For Policymakers", "For Employees", and "MyNASA". The main content area features three news items, each with a red arrow icon and a title: "Atlantis 'Go' for Dec. 6 Launch", "NASA Scientist Confirms Light Show on Venus", and "Youthful Star Sprouts Planets Early". Below the third news item is a large, vibrant image of a celestial body, possibly a comet or planet, with a bright yellow and orange glow and a greenish-blue tail, set against a starry background. On the right side of the page, there is a vertical sidebar with several icons and labels: "SHUTTLE", "SOLAR", "AEROSPACE", and "TECHNOLOGY".

NASA

HOME **NEWS** **MISSIONS** **MULTIMEDIA** **ABOUT**

Username > Log In | > Sign Up

For Public | **For Educators** | **For Students** | **For Media** | **For Policymakers** | **For Employees** | **MyNASA**

▶ **Atlantis 'Go' for Dec. 6 Launch**

▶ **NASA Scientist Confirms Light Show on Venus**

▶ **Youthful Star Sprouts Planets Early**

SHUTTLE
SOLAR
AEROSPACE
TECHNOLOGY

anti-pattern. animation gone wild

too many things animating on hover

buzzword Document Edit Insert Help

Font Minion Pro 12 B / U A

Buzzword

The First *Real* Web-Based Word Processor

Welcome to Buzzword, Virtual Ubiquity's Flash-based word processor. Virtual Ubiquity is a Boston-based startup made up of industry veterans whose goal is to raise the bar on the quality of web-based applications.

First Things First

Thanks.

Thanks for taking a look at Buzzword. You're one of the first people to get your hands on it, and we appreciate your time and your comments.

Get Buzzword

Buzzword is on the web at <http://preview.getbuzzword.com>. You might want to bookmark the URL so that you can return to it easily.

Lots of Cool Features, But More to Come

Share Bill Scott Author open 1 100%

anti-pattern. animation gone wild

Wow! What more can I say?

Seems to be either a pixel at a time or going so fast you can't use it

Our Favorites for Summer (Re)Reading



anti-pattern. animation gone wild

More from the gratuitous animation department...



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

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



[AFI Home](#)

[About AFI](#)

[Become a Member](#)

[AFI Insiders](#)



anti-pattern. animation gone wild

Not sure how much animation does for a tab control -- tab-o-sel?
Candidate for Novel Notions



Sites



Files



Editor



Preview



CSS



Terminal



Books

Terminal: built right in.

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

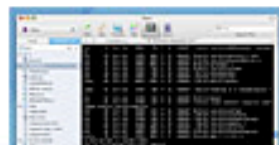


```
egrep 'bell|whistle' /usr/share/dict/web2
```

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

```
export CLICOLOR=1
```

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



anti-pattern. animation gone wild

the stalker pattern. can also see an example from Netflix community.

Yahoo! My Yahoo! Mail Help Search: Web Search

YAHOO! LOCAL Welcome, b.scott Sign Out 74°F

City Guide My Local Directory

drain repair San Jose, CA Search

San Jose City Guide > drain repair

CATEGORY SPONSORS

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

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

Narrow your search by category, rating, and more.

Sorted by: top results | distance Print results

Yahoos: Report bad local results or ads for this query.

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

Zoom in and search the map

Smart Plumbers & Rooters
Get professional services. warranty and fixing right now.
www.SmartPlumber.org

Rescue Rooter Plumbing
Get \$25 off any plumbing service. Schedule an appointment today.
www.rescuerooter.com

Plumbing Repair
Affordable Plumbing Repairs and Installations in Windsor, CA.
SimeonePlumbing.com

Move map with results

TV Listings



Select a provider to choose your favorite channels.

	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24
	10:00am		11:00am		12:00pm
ABC			The View TV14 (CC)	Local Programming (CC)	
CBS			The Price Is Right TVG (CC)	Local Programming (CC)	The Young and the I TV14 (CC)
FOX					
NBC	Local Programming (CC)				
PBS	Local Programming (CC)	Between the Lions TVY (CC)	Sesame Street TVY (CC)	Mister Rogers' Neighborhood TVY (CC)	Curious George TVY (CC)
CW					
MNT					
PAX	Local Programming (CC)	Local Programming (CC)	Local Programming (CC)	Local Programming (CC)	Local Programming (CC)
AMC	V14				Midnight I MOVIE TV
BET	The A	The A	100.0 P	BET	10.1

TV Listings



Select a provider to choose your favorite channels.

	Tue Mar 20	Wed Mar 21	Thu Mar 22	Fri Mar 23	Sat Mar 24
	10:00am		11:00am		12:00pm
ABC			The View TV14 (CC)		Local Programming (CC)
CBS			The Price Is Right TVG (CC)	Local Programming (CC)	The Young and the I TV14 (CC)
FOX					
NBC	Local Programming (CC)				
PBS	Local Programming (CC)	Between the Lions TVY (CC)	Sesame Street TVY (CC)	Mister Rogers' Neighborhood TVY (CC)	Curious George TVY (CC)
CW					
MNT					
PAX	Local Programming (CC)	Local Programming (CC)	Local Programming (CC)	Local Programming (CC)	Local Programming (CC)
AMC	V14				Midnight I MOVIE TV
BET	The A	The A	100.0 P	BET	10.1

TV Listings



Display My Favorite Channels Only
[Select Favorites](#)

Tuesday, July 24 7 pm Go

Jump to: [Now](#) | [Primetime Tonight](#)

	7:00pm	8:00pm	9:00pm
245 TNT	The Closer TV14 (CC) HDTV	Without a Trace TV14 (CC) HDTV	Without a Trace TV14 (CC) HDTV
247 TBS	MLB Baseball (CC)		
248 FX	Damages TVMA (CC)	Damages TVMA (CC)	That '70s Show TV14 (CC) >
249 COMEDY	Mind of Mencia TV14 (CC)	American Body Shop TV14 (CC)	Daily Show With Jon Stewart TV14 (CC)
254 AMC	Patriot Games TV14 (CC)	Colbert Report TV14 (CC)	Rodney Carrington Live at the Majestic TV14 (CC)
256 TCM	Flying Tigers (CC)	Buffalo Soldiers TV14 (CC) >	Air Force (CC) >
265 A&E	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)
266 BIO	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)
269 HIST	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)
273	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)

TV Listings



Display My Favorite Channels Only
[Select Favorites](#)

Tuesday, July 24 | 7 pm | [Go](#)

Jump to: [Now](#) | [Primetime Tonight](#)

	7:00pm	8:00pm	9:00pm
245 TNT	The Closer TV14 (CC) HDTV	Without a Trace TV14 (CC) HDTV	Without a Trace TV14 (CC) HDTV
247 TBS	MLB Baseball (CC)		
248 FX	Damages TVMA (CC)	Damages TVMA (CC)	That '70s Show TV14 (CC) >
249 COMEDY	Mind of Mencia TV14 (CC)	American Body Shop TV14 (CC)	Daily Show With Jon Stewart TV14 (CC)
254 AMC	Patriot Games TV14 (CC)	Colbert Report TV14 (CC)	Rodney Carrington Live at the Majestic TV14 (CC)
256 TCM	Flying Tigers (CC)	Buffalo Soldiers TV14 (CC) >	Air Force (CC) >
265 A&E	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)
266 BIO	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)
269 HIST	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)
273	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)	Criss Angel: Mindfreak TVPG (CC)

refactoring. animation gone wild

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.**

anti-pattern. **missed moments**

summary

Not providing feedback throughout an interaction. These missed moments can confuse the user about what to do.

examples

Drag and drop is classic example.

solutions

Use interesting moments grid to think through each moment

anti-pattern. missed moments

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

anti-pattern. missed moments

no feedback during interaction... less "learnable"

The screenshot shows the Rogers' Chocolates website interface. At the top, there is a navigation bar with "ROGERS' CHOCOLATES" on the left, "MY ROGERS'" in the center, and "WELCOME BILL SCOTT" and "LOGOUT" on the right. Below this is a secondary navigation bar with links for "Shop Online", "My Rogers'", "Resources", "Locations", "About Us", "Help", and "Press Room". A cart notification indicates "1 item is in your cart" with "VIEW CART" and "CHECKOUT" buttons. The main content area features a "Flavours" list on the left, a "Box Name" input field with "Rogers Assortment #1" and a "DONE" button, and a grid of chocolate boxes. The "Flavours" list includes: Standard Assortment, Blueberry, Candy Cane, Caramel, Cherry, Chocolate, Chocolate Nut, Chocolate Swirl, Coconut, Coffee, Cranberry, Dk Choc Almond Brittle, Egnog, Empress Square, Ginger, Lemon, Maple, Maple Nut, Marzipan, Mk Choc Almond Brittle, Orange, Peach, Peppermint, Pumpkin, Raspberry, Rum, Strawberry, and Vanilla. The "Box Name" field is followed by instructions: "If you are satisfied with the selected assortment, click Done." and "To change a flavour in this assortment: Step 1 - click on a chocolate below to remove it from the box. Step 2 - click on a flavour from the left to add to the box. Step 3 - when the box is full, please give it a name above (e.g. 'Chocolates for Mom') and click Done. The name you enter here will appear on your confirmation." Below the instructions, the current box contents are listed: "Caramel Cream (x2), Chocolate (x1), Coffee (x1), Dk Choc Almond Brittle (x1), Empress Square (x2), Lemon (x1), Vanilla (x1), Pumpkin (x1)". The grid of chocolate boxes shows various flavors: Caramel Cream, Vanilla, Caramel Cream, Chocolate, Coffee, and Lemon.

ROGERS' CHOCOLATES

MY ROGERS' WELCOME BILL SCOTT LOGOUT

Shop Online My Rogers' Resources Locations About Us Help Press Room

1 item is in your cart VIEW CART CHECKOUT

Flavours

- Standard Assortment
- Blueberry
- Candy Cane
- Caramel
- Cherry
- Chocolate
- Chocolate Nut
- Chocolate Swirl
- Coconut
- Coffee
- Cranberry
- Dk Choc Almond Brittle
- Egnog
- Empress Square
- Ginger
- Lemon
- Maple
- Maple Nut
- Marzipan
- Mk Choc Almond Brittle
- Orange
- Peach
- Peppermint
- Pumpkin
- Raspberry
- Rum
- Strawberry
- Vanilla

Box Name Rogers Assortment #1 **DONE**

If you are satisfied with the selected assortment, click Done.

To change a flavour in this assortment:

Step 1 - click on a chocolate below to remove it from the box.

Step 2 - click on a flavour from the left to add to the box.

Step 3 - when the box is full, please give it a name above (e.g. "Chocolates for Mom") and click Done. The name you enter here will appear on your confirmation.

Caramel Cream (x2), Chocolate (x1), Coffee (x1), Dk Choc Almond Brittle (x1), Empress Square (x2), Lemon (x1), Vanilla (x1), Pumpkin (x1)

anti-pattern. missed moments



anti-pattern. missed moments



anti-pattern. missed moments

Using Y! Photos as example again. Notice missing feedback at key point piles on the problems.

The screenshot displays the Yahoo! Photos user interface. At the top left is the 'YAHOO! PHOTOS' logo. To its right, the user is identified as 'b.scott' with links for '[Sign Out, My Account]'. A secondary navigation bar contains icons for Home, Prints & Gifts, View Cart, Settings, and Help, along with a search box labeled 'Search My Tag'. Below this is a purple 'Upload Photos' button. The left sidebar lists 'All My Photos', 'My Albums' (with a sub-item 'Paris06'), 'My Tags', and 'My Friends' Photos'. The main content area is titled 'All My Photos' and features a toolbar with 'Slideshow', 'Create', 'Share', 'Edit', and 'Prints & Gifts' buttons. A central instruction reads 'Drag photos into this tray and choose a task above.' Below this, a 'Sort by: Date' dropdown is visible. The photo grid shows three thumbnails: 'Sunset' (a sunset through the Eiffel Tower), 'Underneath' (a view from below the Eiffel Tower), and 'View from the Top' (a view from the top of the Eiffel Tower). The interface is clean but lacks explicit feedback mechanisms for the user's actions.

anti-pattern. missed moments

Turns out that a number of events exist during drag and drop that we can use to our advantage.

Step [TEXT ONLY]

Topo and 1250 major

Step

USGS science for a changing world

Hawaiian Volcano Observatory

Volcanic Hazards

Kilauea

Mauna Loa

Earthquakes

Other Volcanoes

Volcanic Hazards

Types

- Lava Zones

About HVO

Print high inch

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

YAHOO! GOBBLER™

Projects (8)

- Geography: Land...
 - “ Only four days old, this fan-shaped lava delta (center of image) extends...”
 - gobble this web page
- Birds' Nests
 - “ As waves splash over the advancing ”
 - gobble this web page
- Scratchpad
 - gobble this web page

Return to Y! Teachers

refactoring. missed moments

Map out all the interesting moments.

Use the interaction matrix or other technique to map events to actors on the page.

Use the moments to communicate.

Its the nuance that matters.

Think... "interactive directions"

Moment-by-moment directions are the key. Users get lost easily

anti-pattern. **one at a time**

summary

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

examples

backpackit

anti-pattern. one at a time

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.

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](#)

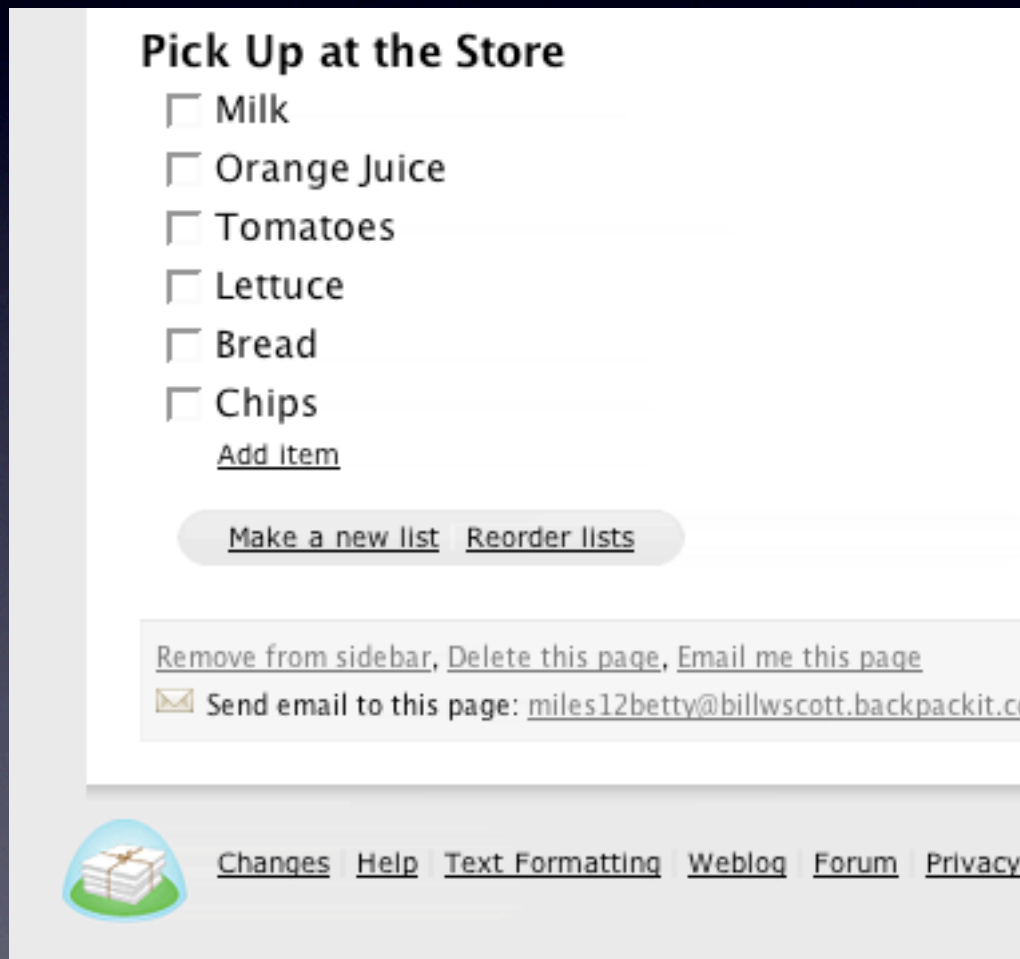
✉ [Send email to this page: miles12betty@billwscott.backpackit.co](mailto:miles12betty@billwscott.backpackit.co)

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anti-pattern. one at a time

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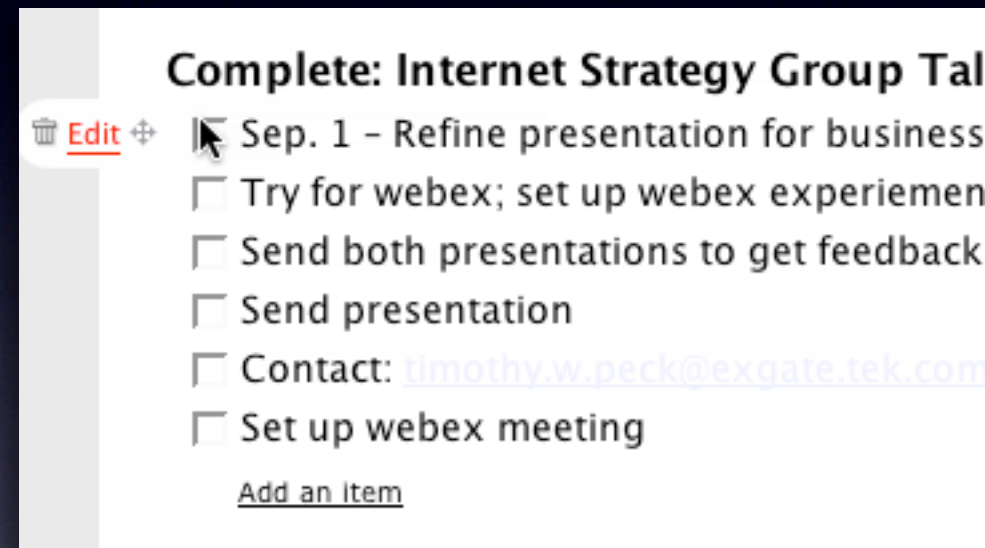
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[Remove from sidebar](#), [Delete this page](#), [Email me this page](#)

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

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



Complete: Internet Strategy Group Tal

 [Edit](#) 

- Sep. 1 - Refine presentation for business
- Try for webex; set up webex experiemen
- Send both presentations to get feedback
- Send presentation
- Contact: timothy.w.peck@exgate.tek.com
- Set up webex meeting

[Add an Item](#)

anti-pattern. one at a time

Takes one at a time check box to the extreme

The screenshot shows the 'myFUTON CRITIC' website interface. At the top left is the logo with a TV icon and the text 'my FUTON CRITIC the web's best television resource'. On the top right, it says 'You are logged in as b.scott@yahoo' next to a search box labeled 'titles'. Below this is a navigation bar with links: HOME, BREAKING NEWS, SHOWS A-Z, TV ON DVD, LISTINGS, RANTS & REVIEWS, SUMMER GUIDE, and RATINGS. A secondary navigation bar contains MYHOME, MYNEWS, MYSHOWS, MYDVD, and MYLISTINGS. The main content area features a 'SHOWWATCH' section with a search icon and a table of TV series.

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

refactoring. **one-at-a-time**

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 in-context 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.

anti-patterns

big ball of mud. **meandering way.**

borg idiom. tiny targets. mystery meat.

buried treasure. **hover and cover.**

pogo stick navigation. novel notions.

against the flow. metaphor mismatch. jabberwocky.

double duty. **linkitus.** blind type.

windows aplenty. animation gone wild.

misguided misdirections. unmarked hazards. **missed**

moments. missing scene.

one at a time. non-symmetrical actions.

NETFLIX

my blog. looksgoodworkswell.com

this prez. billwscott.com/share/presentations/2008/ebig/

my email. b.scott@yahoo.com

NETFLIX is hiring!

UI Engineers (Flash/Silverlight)

Visual/Interaction Designers

Web Engineers