

Anti-Patterns

Designing for the Poor Web Experience

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background



Rico

JavaScript for Rich Internet Applications

Home Features Demos Documentation Downloads About

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

BACKGROUND

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

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

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

OPEN SOURCE

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

BROWSER SUPPORT

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

AJAX SUPPORT

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

Want to get started learning? Check out our two Ajax tutorials on the Rico website.

DRAG AND DROP

Desktop applications have long used drag and drop interfaces to simplify user interaction. Rico provides the simplest interfaces for enabling your web applications to support drag and drop. Just register any Rico object as a draggable and an undraggable and you're done.

CINEMATIC EFFECTS

When actions are no longer occurring in the background, Rico provides several cinematic effects to help the user understand what is happening.

BEHAVIORS

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

Developer Network Home Help

Site Search Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

Yahoo! Developer Network > Design Pattern Library

USER NEEDS TO

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

APPLICATION NEEDS TO

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

Welcome

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

What's a Pattern?

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

Recent Patterns

Auto-Complete

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

Breadcrumbs

User needs to navigate potentially large quantities of information efficiently, without becoming lost.

Drag and Drop Modules

The user needs to be able to re-arrange the layout of modules on a web page directly with the mouse.

Object Pagination

The user needs to view items from a potentially large set of sorted data that would not be easy to display within a single page.

Navigation Tabs

The user needs to navigate through a site to locate content and features and have clear indication of their current location in the site.

Module Tabs

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

Rating an Object

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

Writing a Review

User wants to share her opinion with others about an object (place, person, thing) in greater detail than a simple rating.

Results Page:

1 2 3 4 **Next**

Search Pagination

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

Scratchpad

Add Website to Scratchpad

Projects(3)

National Mapping - Fab Facts, Landforms

<http://www.ga.gov.au/education/fabfacts/>

Geography: Landforms...

Add Website to Project

"The cell is engaged in metabolic activity and performing its prepare for..."

Civil War Battles

Add Website to Project

Create a new Project

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.

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.**

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. **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”.

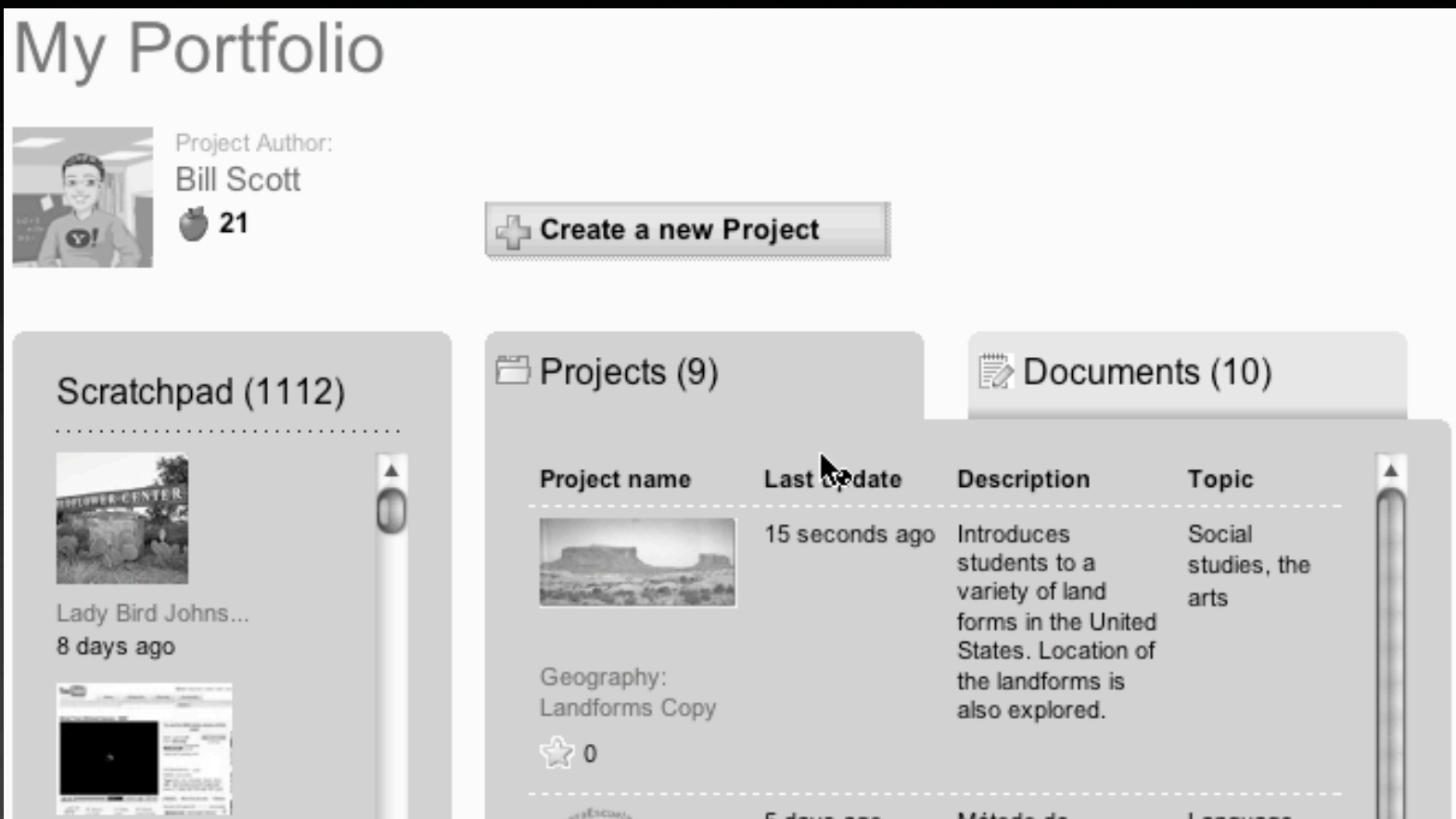
Just like visual styles need to be consistent, interaction styles also need to be consistent throughout the entirety of the interface

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

Original design did not accurately reflect the hierarchical nature of projects containing documents.

The tab idiom incorrectly communicated that these objects were in parallel.



anti-pattern. borg idiom

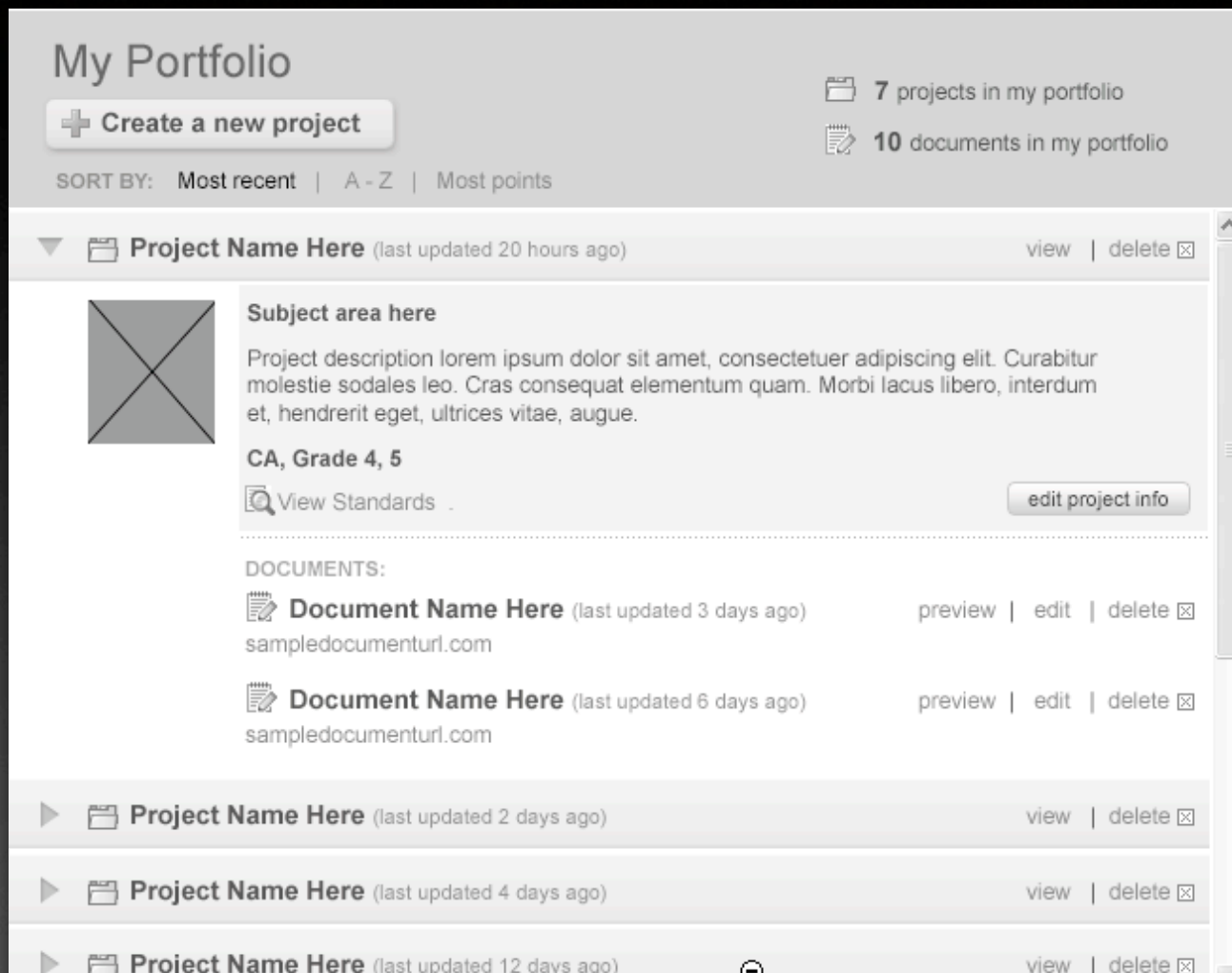
An initial redesign proposed using a tree control. It would communicate projects contain documents. It would also become a navigation that would naturally repeat itself to the “gobbler” as well

Tree controls are a “strong” idiom. They are not very friendly on the web. They require some dexterity to navigate. They play better on a desktop where “controls” are favored over “active content”.



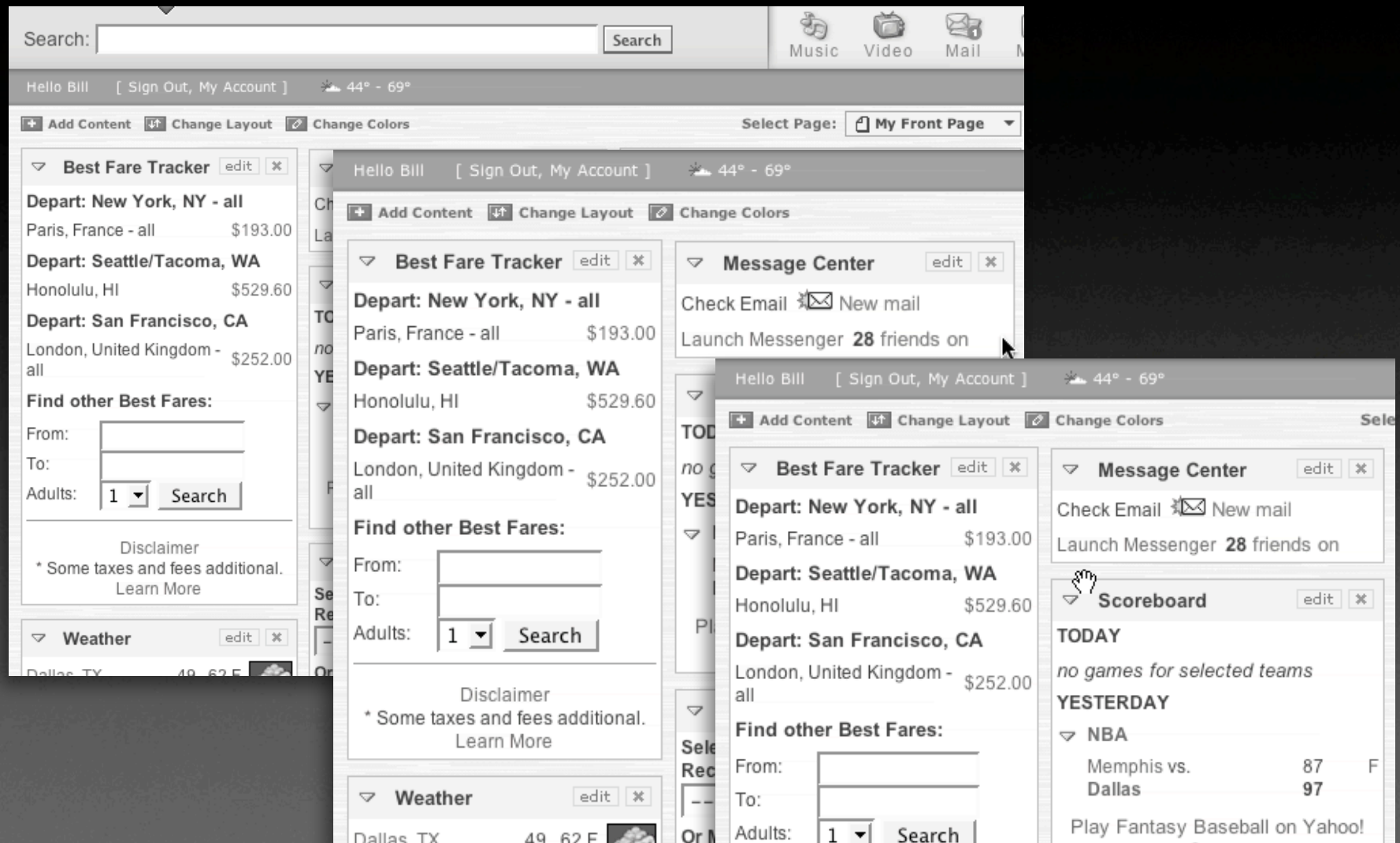
anti-pattern. borg idiom

The final approach was to take a more content-driven approach rather than a “control-oriented” approach. This fit nicely with the rest of the interface, leaving all of the site to look like normal web pages.



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.

Next step? drag drop delete?

| 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 |

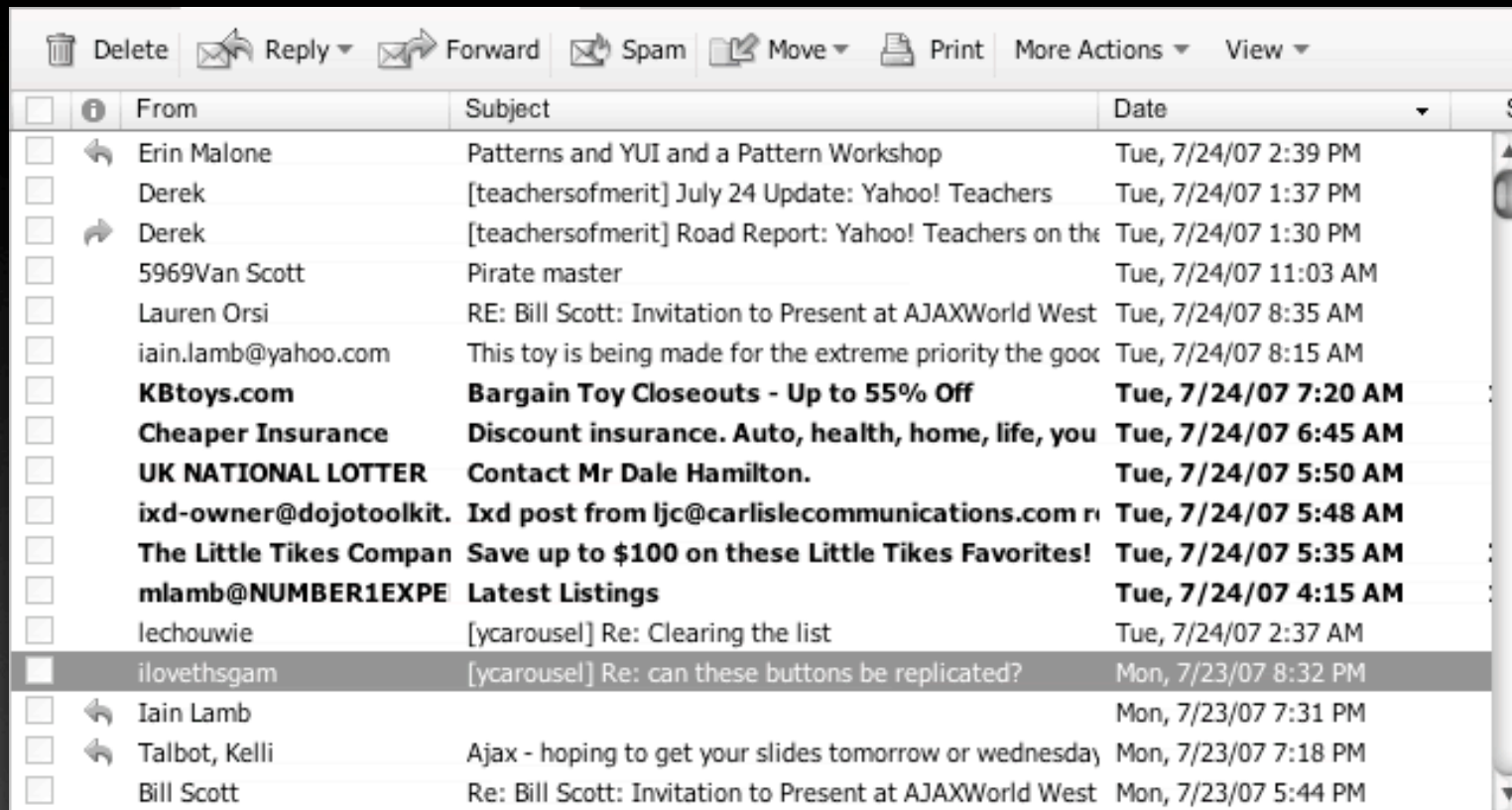
[Home](#) **Inbox** 2622 messages [X](#)

Reply Forward Print Spam Delete [More Actions](#) [View](#)

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

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.

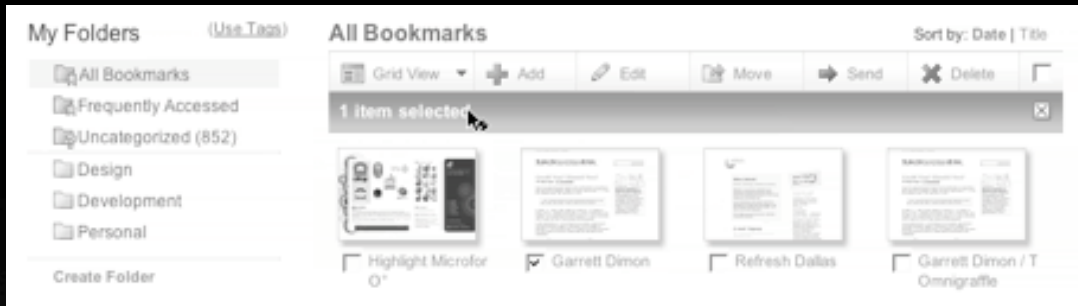


The screenshot shows a Yahoo! Mail inbox interface. At the top, there is a toolbar with icons and labels for 'Delete', 'Reply', 'Forward', 'Spam', 'Move', 'Print', 'More Actions', and 'View'. Below the toolbar is a table of email messages. Each row represents an email and includes a checkbox, an information icon, the 'From' field, the 'Subject' field, the 'Date' field, and a status icon on the right. The email 'ilovethsgam' is highlighted with a grey background.

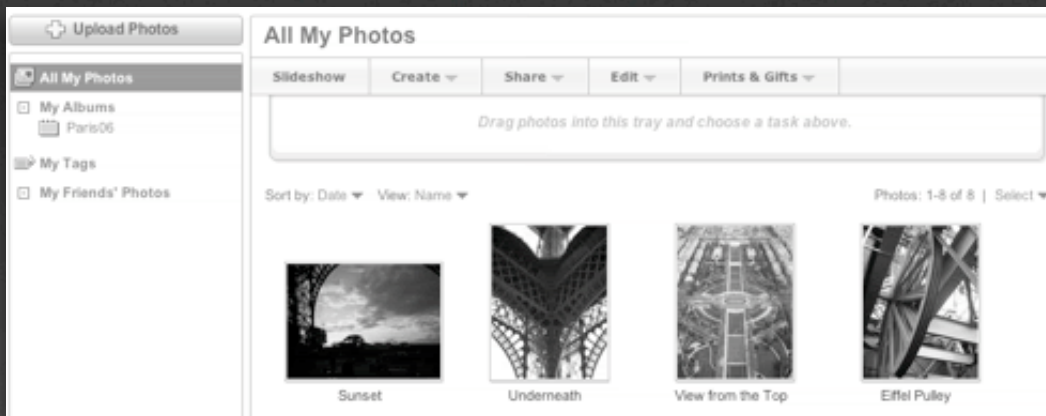
| <input type="checkbox"/> | | From | Subject | Date | S |
|-------------------------------------|--|--------------------------------|--|-----------------------------|---|
| <input type="checkbox"/> | | Erin Malone | Patterns and YUI and a Pattern Workshop | Tue, 7/24/07 2:39 PM | |
| <input type="checkbox"/> | | 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"/> | | ian.lamb@yahoo.com | This toy is being made for the extreme priority the goog | 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 | |

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 interaction.



In Yahoo! Photos (soon to close it's doors) drag selection was implemented well. One issue was the page metaphor + drag selection + a tray idiom.



strategies. **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.

Either allow yourself to be assimilated (be consistently borg :-) or eliminate the Borg from your site.

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

Avoid mixing selection styles.

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

In our Y!Teachers product the first version of the hover caused a lot of mouse zig-zagging to do common operations.



National Mapping - F...
<http://www.ga.gov.au...>



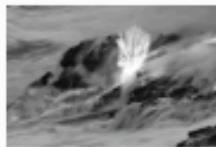
National Mapping - F...
<http://www.ga.gov.au...>



National Mapping - F...
<http://www.ga.gov.au...>



National Mapping - F...
<http://www.ga.gov.au...>



Volcano World - The ...
<http://volcano.und.e...>



Hawai'i Volcanoe...
<http://www.nps.gov/a...>



National Mapping - F...
<http://www.ga.gov.au...>



Copy of Plateau - Wi...
<http://en.wikipedia....>



Copy of Gobble Image...
<http://beta.teachers...>



Copy of Gobble Image...
<http://beta.teachers...>



Copy of Gobble Image...
<http://beta.teachers...>



Copy of Alaska Volca...
<http://www.avo.alask...>

anti-pattern. meandering way

In the redesign, we avoid any popup, any page jitter and make it possible to just move the mouse to a predictable spot to do multiple operations.



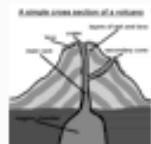
Three-dimensional Ca...
<http://volcano.und.n...>



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...>

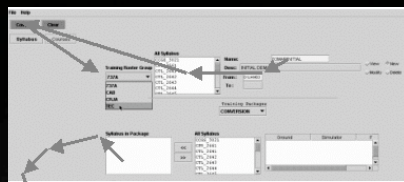


Operation Montserrat...
<http://emissionhq.co...>

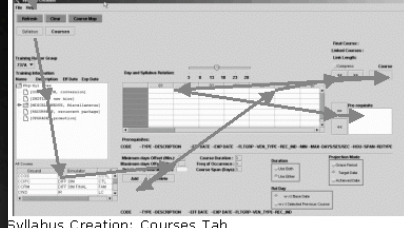
Howstuffworks "...
<http://www.howstuffw...>

anti-pattern. meandering way

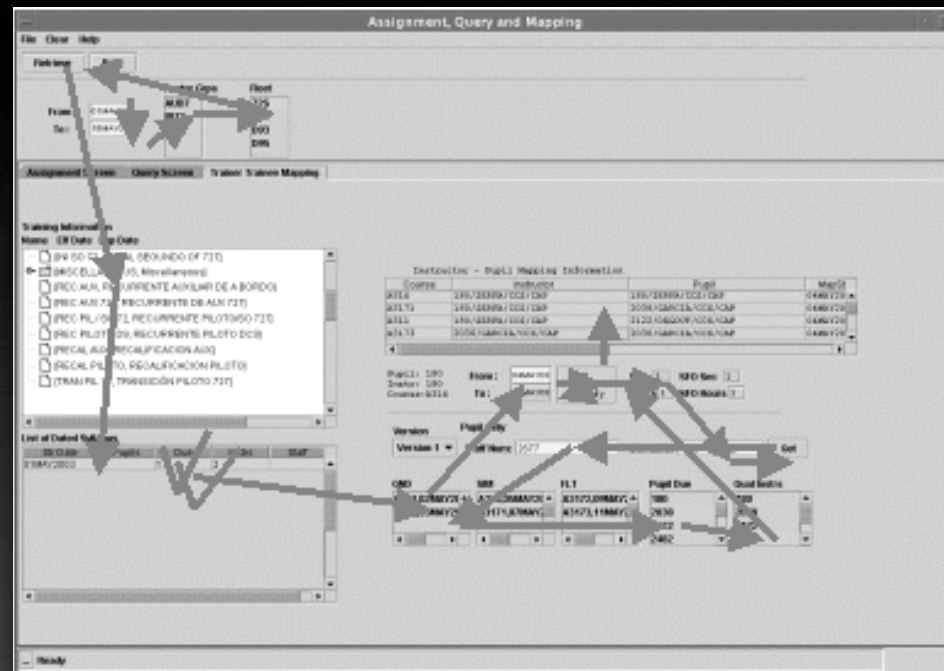
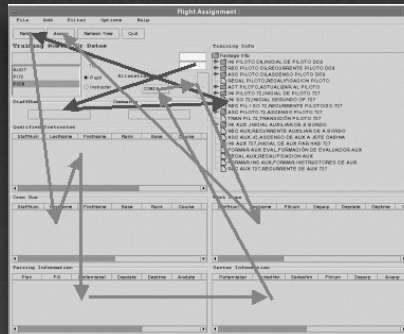
In previous company, I found this was a common occurrence in their suite of software application. By drawing red arrows indicating the user flow, it made the problem obvious and helped to refactor to a correct solution..



Syllabus Creation: Syllabus Tab



Syllabus Creation: Courses Tab



strategies. **meandering way**

Take a snapshot. Draw red arrows through the interface for each user scenarios. Use this information to simplify flows and eliminate zig-zag interaction.

During design refactoring, only display the elements needed for each interaction. This will allow you to focus on what is important for the interaction-- and what is actually the supporting information.

Find the flow and layout consistent with that.

Watch out for hovers. Make sure that all in-context tools that get revealed require no extra mouse move and are completely predicatable -- allowing the user to gain speed in using the interface.

anti-pattern. **tiny targets**

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 targets**

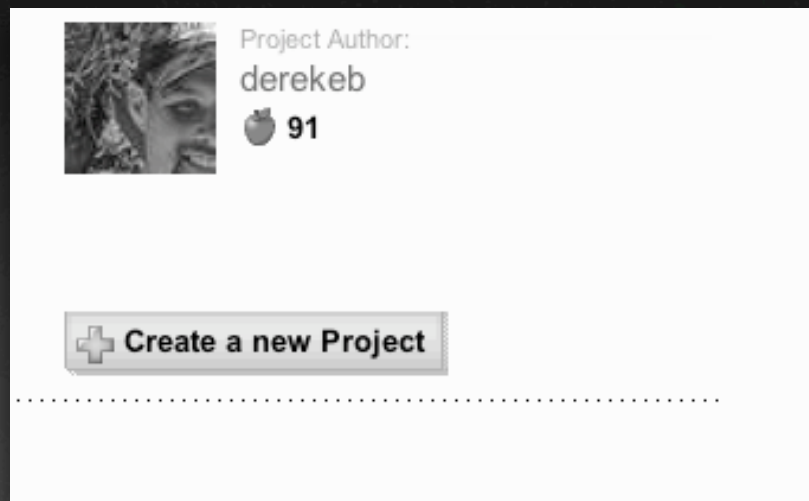
*The identity card area has a summary view and an expanded view.
The targeting is really small and caused lots of usability issues.*

Several problems exist:

The target for expand/collapse is hidden

The area that reveals the target area for our identity card is only the photo and not the complete summary view

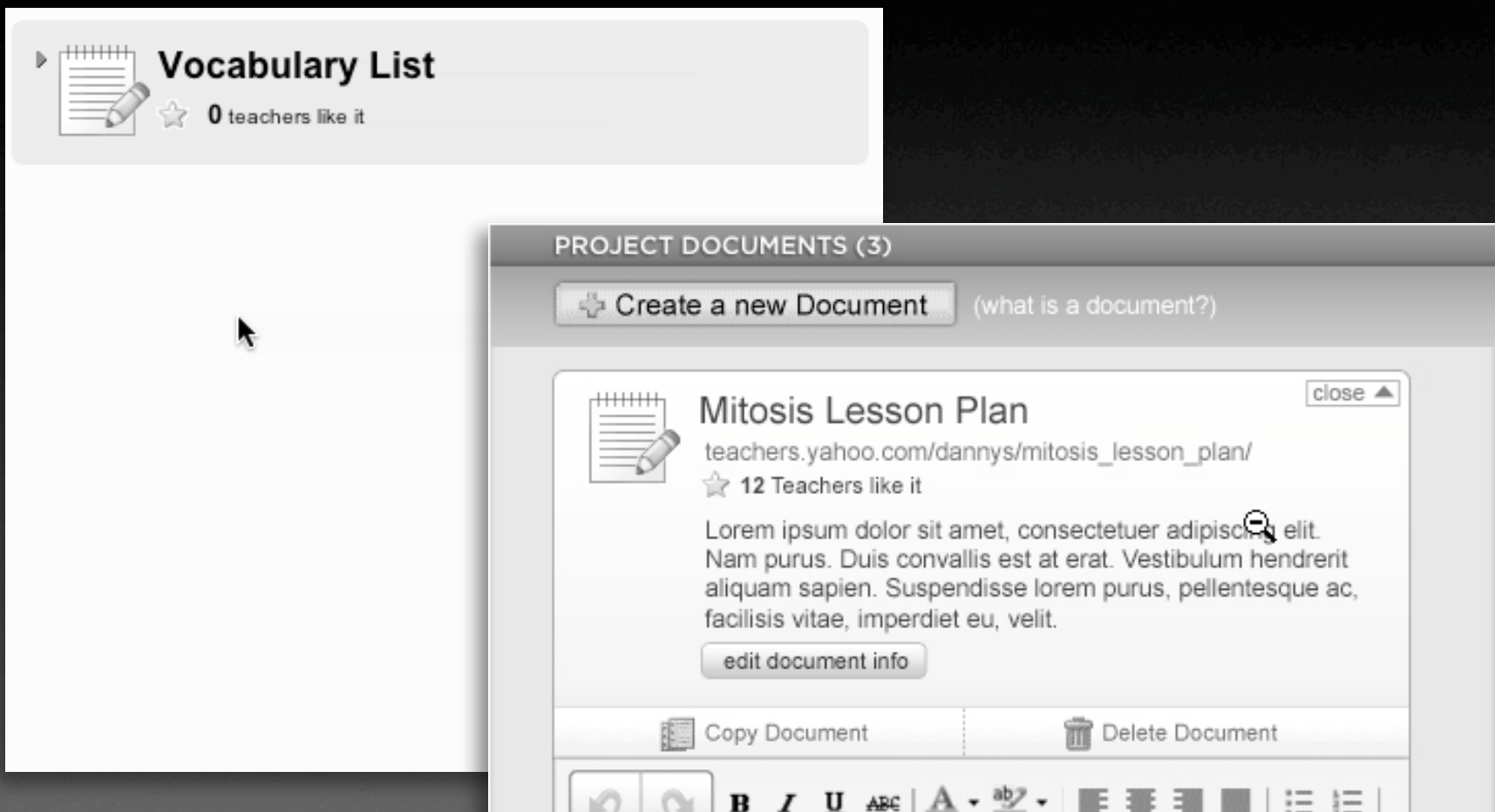
The target is a very small divot that is hard to hit.



anti-pattern. tiny targets

The target for opening the vocabulary list is actually anywhere in the complete title. However, it looks like you can only click the little tiny divot (8x8 pixels)

Redesign will call out “Close” as bigger target, but also cause title to have link.



anti-pattern. tiny targets

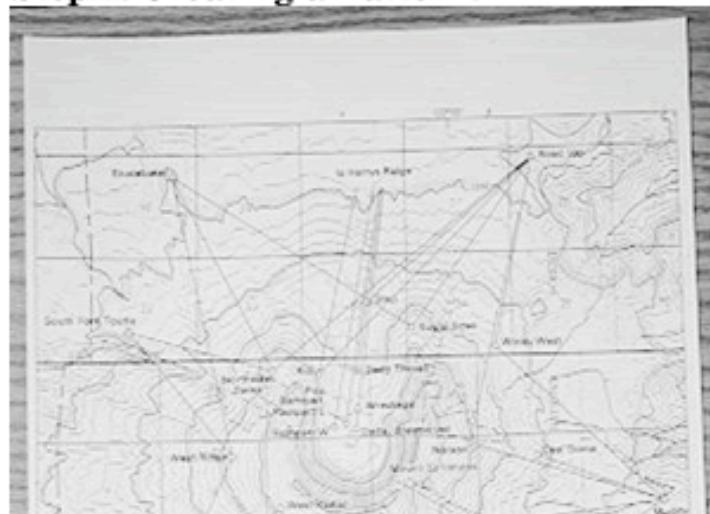
The Yahoo! Gobbler has done well in tests due to the larger nature of the project drop targets.

One issue that still needs to be addressed is the smaller target of the Text Drag button. Consistently causes problems-- too small.

Step 1. Selecting a Volcano

Topographic maps are available for all the volcanoes in the United States. Topographic and outdoor recreation stores also sell topographic maps. The model made by the USGS in 1992 about Mount St. Helens. [Click here](#) for a site with information on the major dome building episodes. Your model could

Step 2. Creating a Pattern.



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**

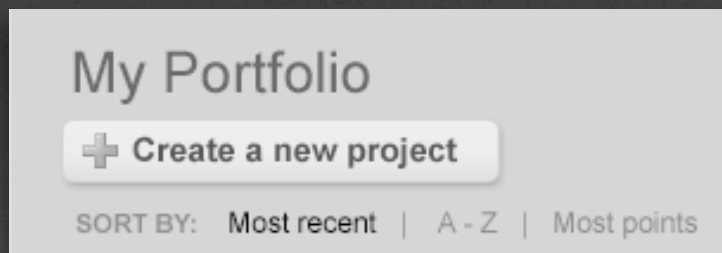
Activation targets and important commands need to be large enough, clearly visually distinct and in proximity to operation.

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

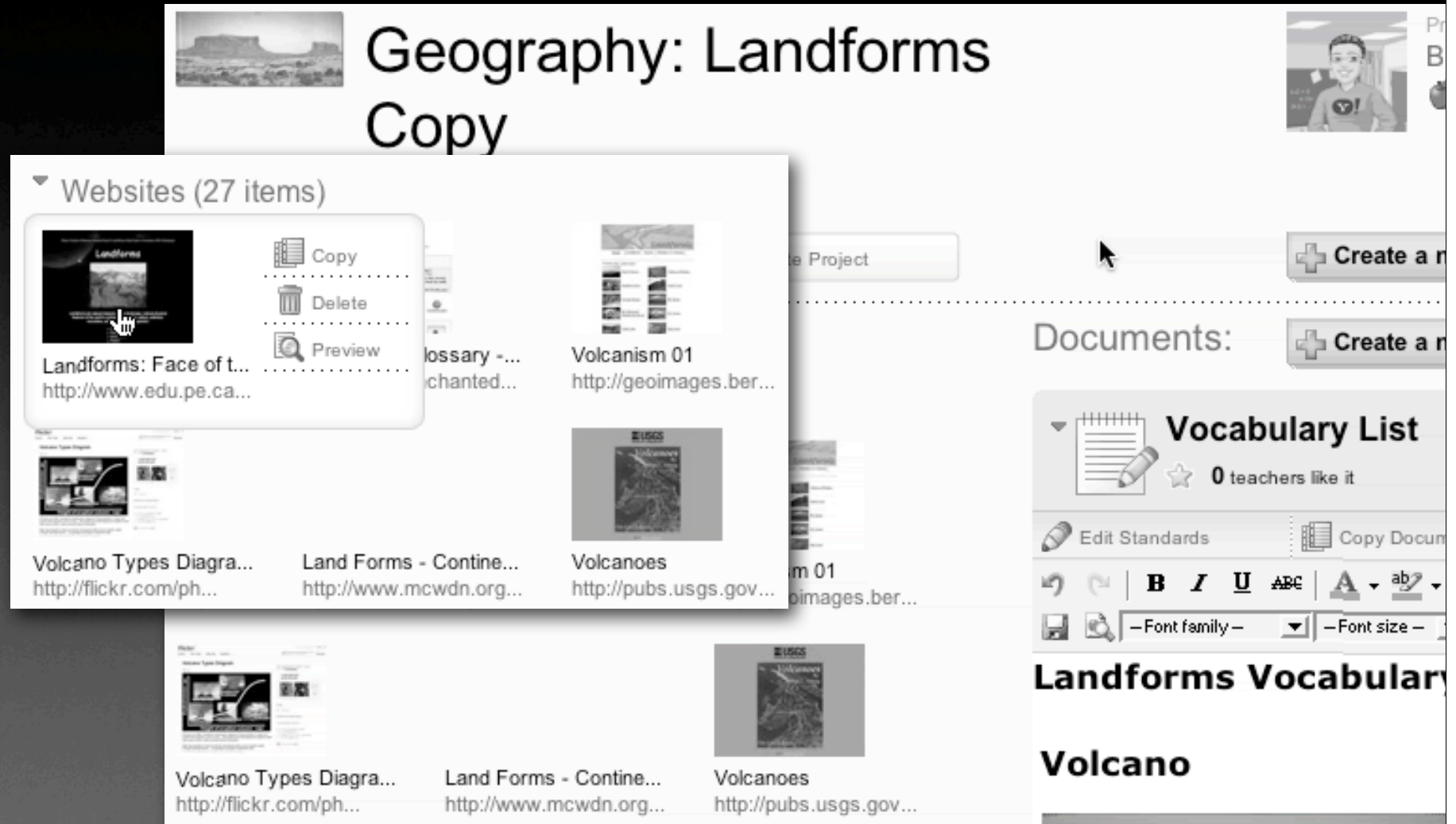
Hover reveal of information and actions has become more and more popular. Hover & Cover is when the hover actually hides important contextual information around the object or gets in the way of other actions.

anti-pattern. hover & cover

Original hover was extremely annoying as it

Covered the item to the right (natural flow is move to right)

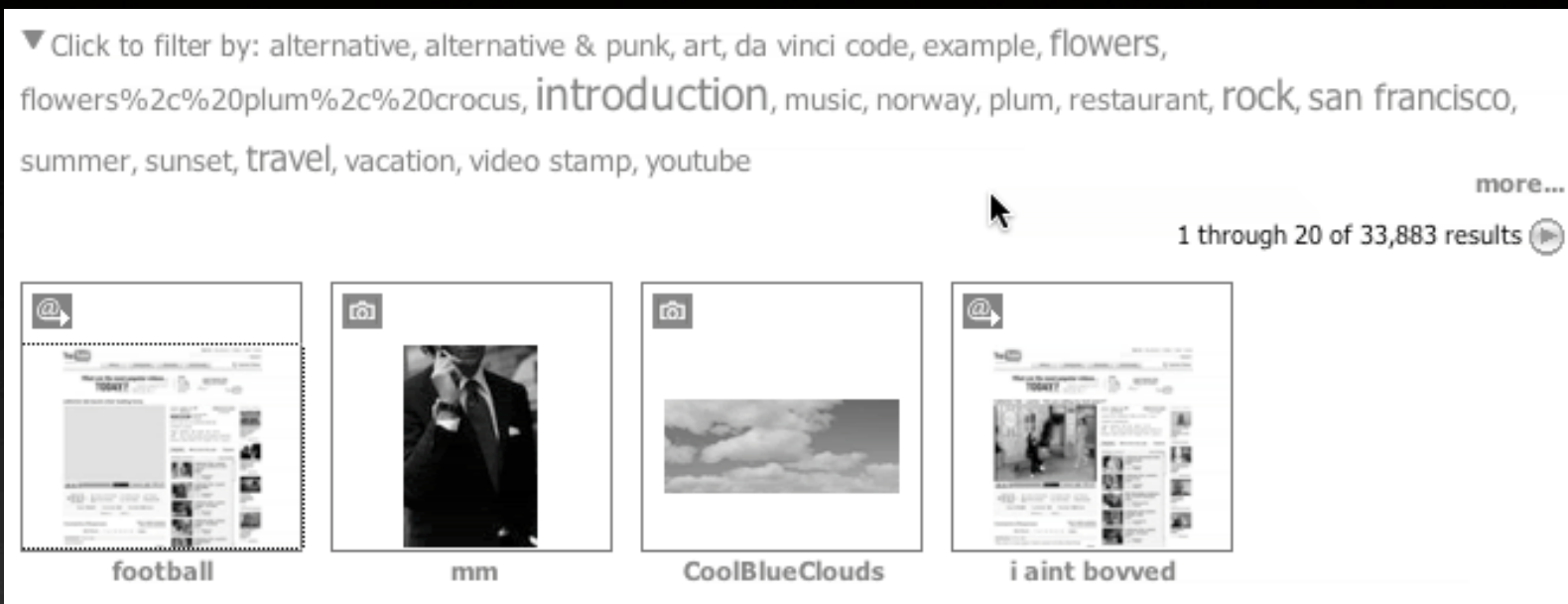
Occluded text edit area (hung open)



anti-pattern. hover & cover

Example from plum.com

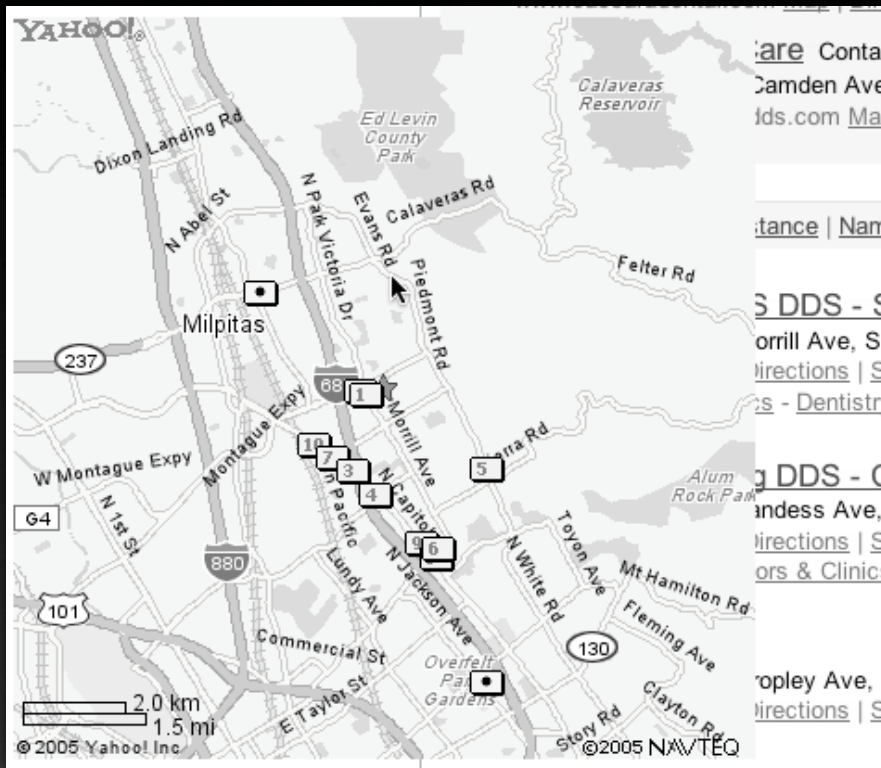
Drop down menu shows on hover and gets in the way. Too easy to accidentally turn it on.



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?



strategies. hover & cover

For in-context tools, attempt to reserve same space for both hovered and non-hovered state

For hover details (information) place the hover in a manner that does not cover up important controls, will not cause accidental popup & down and is easy to deactivate.

For hover details, allow a 1/4 second delay before activating.

For in-context tools, show hover state immediately and provide consistent targeting for operations from object to object (allow user to get action item just in time)

The screenshot displays a movie recommendation interface with two main sections. The top section, titled "Bill, the following movies were chosen based on your interest in:", lists three movies: [Animal Crackers](#), [Something the Lord Made](#), and [X2: X-Men United](#). Below this, the "Monkey Business" movie is highlighted with a star icon and a 5-star rating. A description reads: "One of the Marx Brothers' funniest movies, the title of the film says it all as Groucho, Harpo, Chico and Zeppo stow away on a luxury liner. Before ... [Read More](#)". An "Add" button is visible next to the movie title. The bottom section shows the "Lackawanna Blues" movie with a small thumbnail. To the right, a promotional banner for "All Discs Guaranteed!" features the text "You loved it. Now own it for just \$5.99" and lists benefits: "FREE shipping", "original artwork", and "hardcover case". A "Shop now" link is provided, along with the text "previously viewed titles low as \$5". A "Rate Your" button is also visible.

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

Monkey Business
★ ★ ★ ★ ★
One of the Marx Brothers' funniest movies, the title of the film says it all as Groucho, Harpo, Chico and Zeppo stow away on a luxury liner. Before ... [Read More](#)
[Add](#)

Lackawanna Blues

All Discs Guaranteed!
You loved it.
Now own it for just \$5.99
■ FREE shipping
■ original artwork
■ hardcover case
[Shop now](#) for our previously viewed titles low as \$5
Rate Your

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 faced the problem of users needing more information on a movie.

They would go down to the details of the movie, possibly adding to the queue.

Then they would go back to where they come from and repeat this

Their solution involved an overlay that can support an alternate navigation stream. Then the user can come back to the main flow anytime they desire.

The screenshot shows the Netflix website interface. At the top, the Netflix logo is on the left, and user links (Bill Scott, Your Account, Buy / Redeem Gift, Help) are on the right. Below the logo is a navigation bar with tabs: Browse, Recommendations (selected), Friends, Queue, and Buy DVDs. A search bar is on the right of the navigation bar. Below the navigation bar, there are links: Get Recommendations (869), Rate Movies, and Movies You've Rated (234). The main content area is titled "Recommendations" with the subtitle "Movie suggestions based on your ratings". It features a "NEW RECOMMENDATIONS" section with two movie cards: "Samurai Champloo (7-Disc Series)" and "12 Angry Men". Each card includes a movie poster, a star rating, a "Not Interested" button, and a description. A central overlay box says "You Have Recommendations!" and encourages rating more movies. On the right, there is a "Browse" sidebar with "All Recommendations" and "Favorite Genres" (Action & Adventure, Drama, Sci-Fi & Fantasy, Television, Thrillers, Comedy, Classics, Documentary). At the bottom, there is a "Helpful Tip" section.

NETFLIX

Bill Scott | Your Account | Buy / Redeem Gift | Help

Browse Recommendations Friends Queue Buy DVDs

Movies, actors, directors, genres Search

Get Recommendations (869) Rate Movies Movies You've Rated (234)

Recommendations

Movie suggestions based on your ratings

You have 869 Recommendations from 234 ratings.

NEW RECOMMENDATIONS



Samurai Champloo (7-Disc Series)

★★★★★

Director Shinichiro Watanabe mixes a maturity rarely found in anime with a historical Japanese setting and a funky hip-hop soundtrack. Fuu is a spacey waitress at a teahouse where a sword fight ... [Read More](#)



12 Angry Men

★★★★★

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

You Have Recommendations!

Get more recommendations by rating more movies.

You've rated 234 movies.

Browse

All Recommendations

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

- Action & Adventure (89)
- Drama (123)
- Sci-Fi & Fantasy (5)
- Television (84)
- Thrillers (29)
- Comedy (38)
- Classics (223)
- Documentary (72)

Other Genres:

- Anime & Animation (19)
- Children & Family (33)
- Foreign (123)
- Independent (4)
- Music & Musicals (10)
- Romance (10)

Helpful Tip

◀ **Seen** any of these movies?

◀ ◀ ◀ ◀ ◀ ◀ ◀ ◀ ◀ ◀

[See All Recommendations >>](#)

strategies. **pogo stick**

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

To avoid pogo effect:

- Use incontext 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*
- All in page actions like inline editing, etc. to provide functionality inline.*
- Use incontext expands to reveal information on the page*

anti-pattern. **novel notion**

summary

Creating a new interface for a common idiom that is more confusing than the original. Sometimes it is just mis-using 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](#)

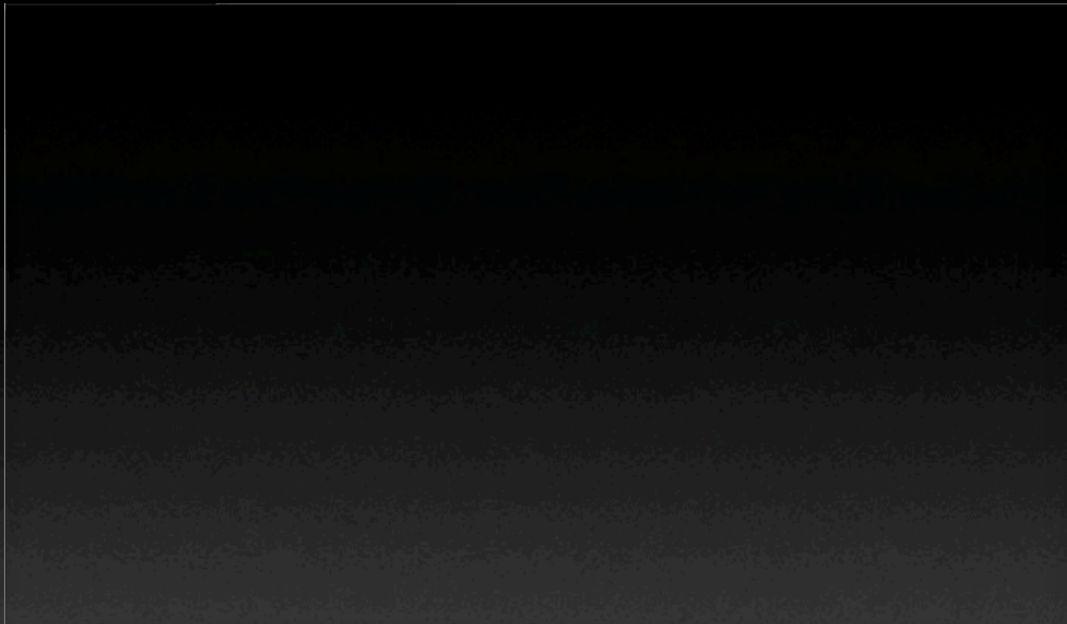
[Candidate Assistance](#)

[Search Jobs](#)

[Contact Us](#)

anti-pattern. novel notion

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



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, Besmertnova, Tarandaa, 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.

Already solved.

Classics

Recommendations

High Plains Drifter
★★★★★
[Not Interested](#)
Amid shoot-outs and existentialism, a mysterious stranger (Clint Eastwood, who also directs) is hired to protect a small town from outlaws. But his recipe for defense could be a deal with the devil, and soon, even the enigmatic gunslinger's ... [Read More](#)

The Great Escape
★★★★★
[Not Interested](#)
Director John Sturges's Oscar-nominated adventure classic follows the true tale of a group-escape attempt from one of Germany's toughest prisoner-of-war camps. Hundreds of Allied POWs join Roger "Big X" Bartlett (Richard Attenborough), Danny "The ... [Read More](#)

[More Recommendations >](#)

Featured Subject
CLASSIC CO

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

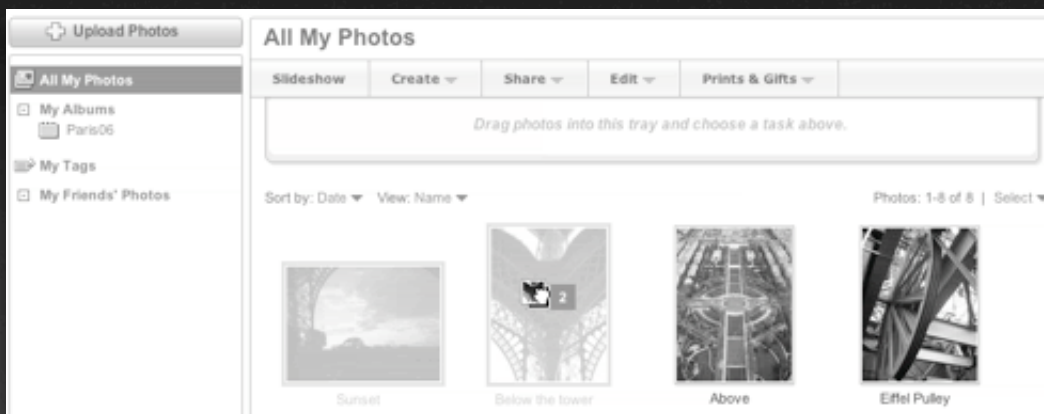
The Great Escape
[Add](#)
again -- this time the life and time ... Perhaps the mo

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.



strategies. **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)

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

anti-pattern. **metaphor mismatch**

summary

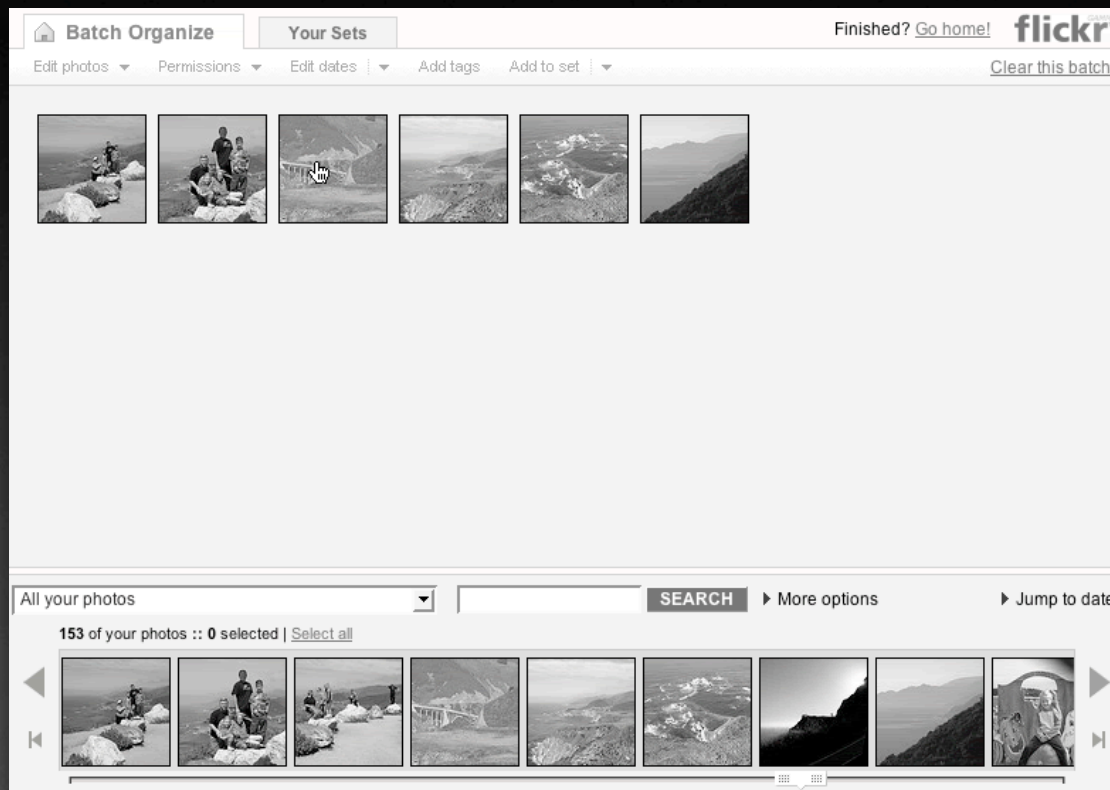
When an idiom is employed that creates the wrong mental model for the user.

anti-pattern. metaphor mismatch

Flickr allows you to have a temporary work area when organizing your photos.

When removing items from this work area, you

- drag and drop an item from work area back into your photo set*
- it shows a nuclear explosion when the item is put back into the set*



anti-pattern. metaphor mismatch

Yahoo! TV. Redesigned the home page. What was the typical user's mental model for Y!TV? TV Listings.


Where did my mental model go?

The original Yahoo! TV homepage (left) features a complex layout with multiple sections. At the top, there's a search bar and navigation links. Below this, a large banner for 'my boys' is prominent. The main content area is divided into several columns: 'Local TV Listings' with a search bar, 'Y! TV Preview' with a featured show, 'TV Tonight' with a grid of programs, and 'Also Inside' with various links. The bottom section contains 'TV News & Gossip' with a list of recent headlines. The overall design is cluttered and lacks a clear visual hierarchy.

The redesigned Yahoo! TV homepage (right) features a more streamlined layout. At the top, there's a search bar and navigation links. Below this, a large banner for 'Office Politics' is prominent. The main content area is divided into several columns: 'TV News' with a featured show, 'Y! TV Picks: Tonight' with a grid of programs, 'Adult Animation' with a grid of programs, 'Comedy with an Edge' with a grid of programs, 'Hot Girls Who Fight' with a grid of programs, and 'I See Dead People' with a grid of programs. The overall design is cleaner and more focused on the content.

anti-pattern. metaphor mismatch

yahoo underground gets it right with the carousel... timeline... starts at end



PRESENTED BY **YAHOO!** NEWS

Welcome, **b.scott**
[Sign Out, My Account]

NEWS WEB

SEARCH

PREVIOUSLY.....RIGHT NOW!.....UP NEXT.....

RECENT

- + TOPSY-TURVY BUS
- + WIN FRIENDS AND INFLUENCE PEOPLE
- + SHREDDING THE ENVELOPE
- + ROCKETEERS

MOST POPULAR


- + WIN FRIENDS AND INFLUENCE PEOPLE
- + THE FASTEST WALLS IN THE WEST
- + PINK MONKEYS CREATE PARALLEL MAGIC KINGDOM
- + GAY RODEO AINT FOR SISSIES

ODD NEWS


- + RATS AND CATS WORK TO SNIFF OUT MINES (AP)
- + ONCE, TWICE, THREE TIMES ARRESTED (AP)
- + ANGER COUNSELOR CHARGED IN DOMESTIC SPAT (AP)

Topsy-Turvy Bus

BEN & JERRY'S LATEST FLAVOR?



Put it to a vote:
Your art car esthetic?



Clutter **Clean lines**

Click to vote ... or see results only.

strategies. **metaphor mismatch**

Realize that something as subtle as a title to an area, an icon (even used transiently) can mislead the user into thinking something else is happening

Understand the mental model you are constructing with each page. Ask yourself about how consistently you re-enforce that model by your interactions.

anti-pattern. **double duty**

summary

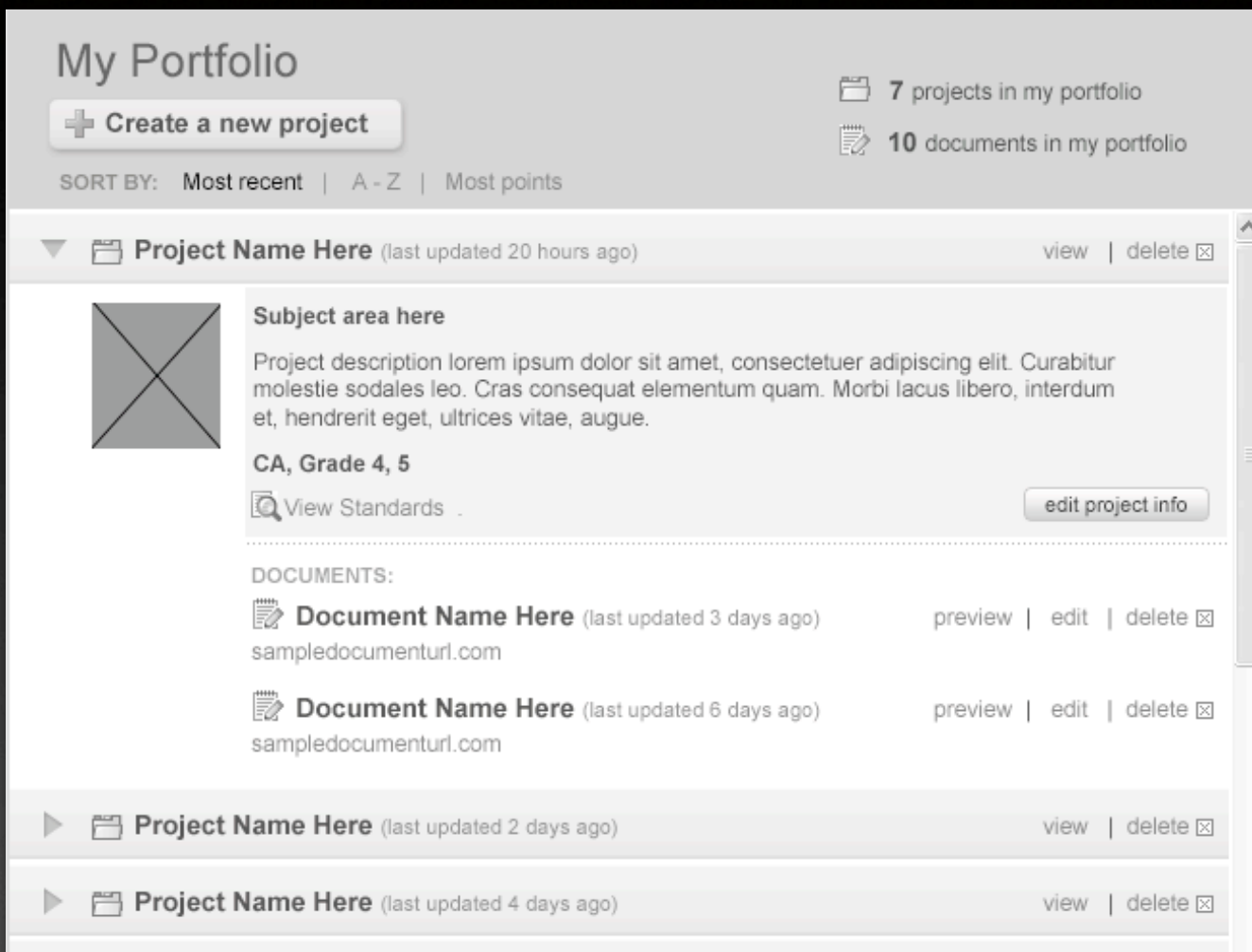
When a single interface element is called upon to perform multiple functions

examples

Expand collapse header that also leads to details

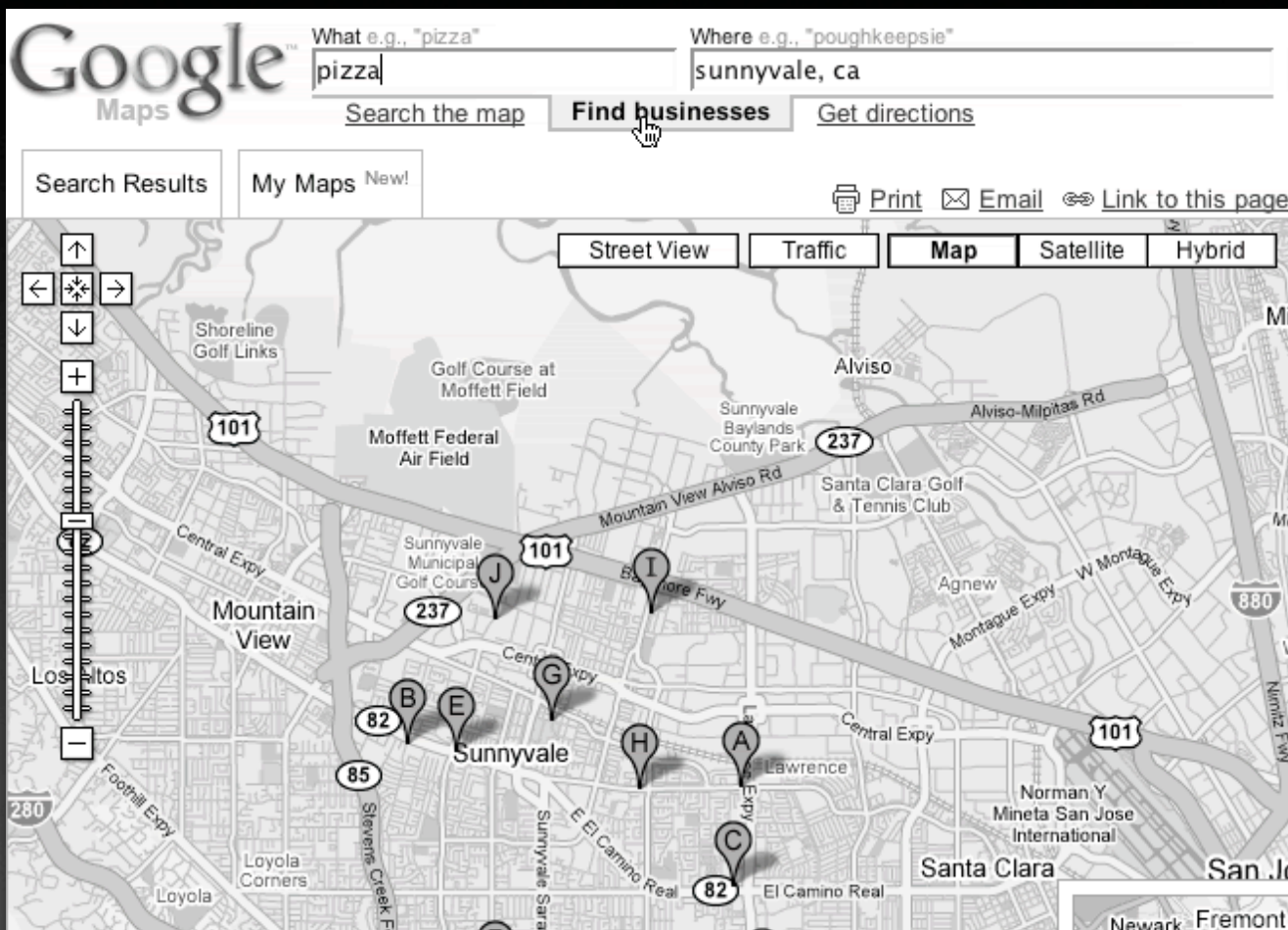
anti-pattern. double duty

Most common example is when a header performs expand/collapse, but also is a link that leads to the item's detail. Will clicking the project name take you to the project page or expand/collapse the project area?



anti-pattern. double duty

Here in Google Maps, the search can take us to a location and bring in pizza locations on the map. Dragging the map can take us to a location also. What happens when I drag? Will pizza locations update? The answer is no... but this does cause confusion.



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 displays a web interface with a top navigation bar containing links for **Featured**, **Entertainment**, **Sports**, and **Life**. The date **Jul 24, 2007** is shown on the left. The main content area features a large article titled **Best & worst smoothies** with a sub-headline **Some drinks are healthy, but others are loaded with calories. » More**. Below the headline is a list of three items:

- How to make a healthy smoothie
- Peach-banana smoothie recipe
- Wake-up morning drink

 To the right of the main article is a sidebar with several sections. At the top, it says **Hi, Bill** with a **Sign Out** link. Below this are six tool buttons: **Mail** (45 New), **Messenger**, **Radio**, **Weather** (78°F), **Local**, and **Horoscope**. Further down is a large box for **SUNDAY AUGUST 2007** with a large **5** in the corner. At the bottom of this box is the text **CAST YOUR VOTE FOR THE WINNING PROJECT BEFORE MIDNIGHT ON SUNDAY,**. On the left side of the sidebar, there are four small article teasers: **Best and worst smoothies for your diet**, **Close plays a ruthless attorney in 'Damages'**, **NFL rankings: Where's your team ranked?**, and **Save big with biweekly mortgage payments**. A **» More Featured** link is at the bottom of the sidebar.

anti-pattern. linkitus

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

Very close to being a candidate for Novel Notions.

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](#)

WELCOME TO THE FREQUENTLY ASKED QUESTIONS (FAQ) PAGE

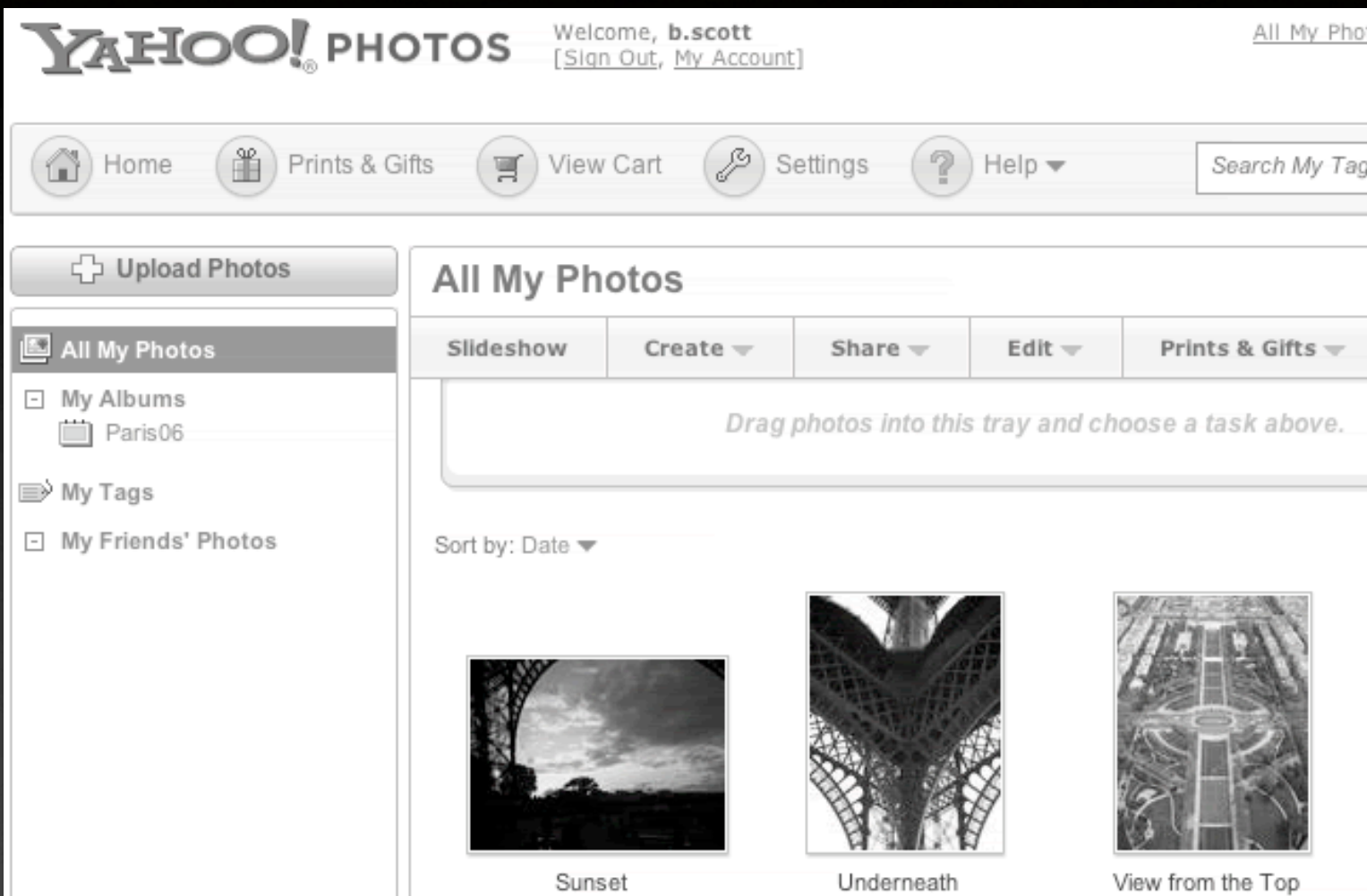
To begin using the FAQ page, simply move your mouse over the blue title of any topic to the left for additional information. If you still have questions that we haven't answered here, just give us a call at the event hotline 408.294.2100 x444 or [Email Us!](#)

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

anti-pattern. windows aplenty

summary

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



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

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...



anti-pattern. animation gone wild

*Not sure how much animation does for a tab control?
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 'bellslwhistle' /usr/share/dict/web2`

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

`export CLICOLOR=1`

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



TV Listings



GOT TIVO? RECORD NOW

Select a provider to choose your favorite channels.

| | | | | | | | | | | | | | | | |
|------------------------------|--|-------------------------------|------------|--------------------------------|--|------------------------------|--|--|------------|----------------------------------|--|-------------------------|--|--|--|
| <div>III</div> | | | | | | | | | | | | Select date <div></div> | | | |
| Tue Mar 20 | | | Wed Mar 21 | | | Thu Mar 22 | | | Fri Mar 23 | | | Sat Mar 24 | | | |
| ◀ 10:00am | | | | 11:00am | | | | 12:00pm | | | | ▶ | | | |
| | | | | The View TV14 (CC) | | | | Local Programming (CC) | | | | | | | |
| | | | | The Price Is Right TVG (CC) | | | | Local Programming (CC) | | The Young and the I TV14 (CC) | | | | | |
| | | | | | | | | | | | | | | | |
| Local Programming (CC) | | | | | | | | | | | | | | | |
| Local Programming (CC) | | Between the Lions TVY (CC) | | Sesame Street TVY (CC) | | | | Mister Rogers' Neighborhood TVY (CC) | | Curious George TVY (CC) | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Local Programming (CC) | | Local Programming (CC) | | Local Programming (CC) | | Local Programming (CC) | | Local Programming (CC) | | Local Programming (CC) | | | | | |
| V14 | | | | | | | | | | | | Midnight I MOVIE TV | | | |

TV Listings



GOT TIVO? RECORD NOW

☒ 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) | That '70s Show TV14 (CC) | |
| 249 COMEDY | Mind of Mencia TV14 (CC) | American Body Shop TV14 (CC) | Daily Show With Jon Stewart TV14 (CC) | Colbert Report TV14 (CC) | Rodney Carrington Live at the Majestic TV14 (CC) | | |
| 254 AMC | Patriot Games TV14 (CC) | | | | | Buffalo Soldiers TV14 (CC) | |
| 256 TCM | Flying Tigers (CC) | | | | Air Force (CC) | | |
| 265 A&E | Criss Angel: Mindfreak TVPG (CC) | Criss Angel: Mindfreak TVPG (CC) | Criss Angel: Mindfreak TVPG (CC) | Criss Angel: Mindfreak TVPG (CC) | Dog the Bounty Hunter TVPG (CC) | Dog the Bounty Hunter TVPG (CC) | |
| 266 BIO | Breaking Vegas TVPG (CC) | | Mobsters TVPG (CC) | | Notorious TVPG (CC) | | |
| 269 HIST | Ice Road Truckers TVPG (CC) | | Modern Marvels TVPG (CC) | | Mega Disasters TVPG (CC) | | |
| 273 | Kathy Griffin: My Life on the D-List | | Flipping Out | Kathy Griffin: My Life on the D-List | | Kathy Griffin: My Life on the D-List | |

strategy. **animation gone wild**

Transitions 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.

anti-pattern. **misguided misdirection**

summary

When you avert the user's attention to the wrong thing due to some effect that was unintended (like page jitter; animation gone wild)

anti-pattern. misguided misdirection

**snooth**^{BETA}

Log In

home search recommendations friends my ratings

easy drinking red >>

refine your search

☐ All Wines ☐ Wines In Stock


popular searches:

MAXIMUM PRICE: NONE

US\$0 US\$250+


suggest a wine

Showing results 17-24 of hundreds for easy drinking; Red




Torbreck Shiraz Woodcutter's (2004)
Winery: Torbreck
Varietal: Shiraz
Region: South Eastern Australia > South Australia > Barossa > Barossa Valley
Type: Red Wine
User Tags: [berry](#), [fruity](#), [color descriptors](#), [blackberry](#), [spices](#), [bramble fruits](#), [spice](#), [balance](#) ... [easy drinking](#)

SnoothRank
4.0
●●●●●




Neal Family Zinfandel (2002)
Winery: Neal Family
Varietal: Zinfandel
Region: USA > California > Napa > Rutherford
Type: Red Wine
User Tags: [fruity](#), [dessert](#), [spices](#), [spice](#), [caramel](#), [big](#), [insects](#), [stone fruits](#) ... [easy drinking](#)

SnoothRank
4.0
●●●●●



Philip Togni Cabernet Sauvignon (1997)
Winery: Philip Togni
Varietal: Cabernet Sauvignon
Region: USA > California > Napa > Spring Mountain District
Type: Red Wine
User Tags: [fruity](#), [berry](#), [cherry](#), [\(tree\) fruit](#), [big](#), [round](#), [stone fruits](#), [black currant](#) ... [easy drinking](#)

SnoothRank
4.0
●●●●●



Les Cailloux André Brunel Châteauneuf-du-Pape (2003)
Winery: Domaine André Brunel

SnoothRank
4.0

anti-pattern. misguided misdirection

Two versions of interactive Google. Second one does less mis-direction.

Gmail [edit](#) [x](#)

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

me - - file:///Users/bill/Desktop/AM%20E>

me, Joshua Scott (3) - Apple Computers -

Daniel Bodnar, Ginni (2) - Fwd: Fw: Watch

me, Richard Cowin (2) - Demo of Livegrid I

me - mspace article - http://www.msnbc.i

Jul 28

Jul 26

Jul 26

Jul 26

Jul 26

Stock Market [edit](#) [x](#)

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

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

Wired News: Top Stories [edit](#) [x](#)

[Christians Code Heavenly Games](#)

[Cloning the Best in Show](#)

[Brain Workouts May Tone Memory](#)

Movies [edit](#) [x](#)

[Showtimes for 76208 »](#)

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

☆☆☆☆ 29 reviews

[Stealth](#) 2hr 1min - Rated PG-13

☆☆☆☆ 25 reviews

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

☆☆☆☆ 65 reviews

NYT > Home Page [edit](#) [x](#)

[Offer by Europe Would Give Iran Nuclear Future](#)

[Niger's Anguish Is Reflected in Its Dying Children](#)

[Court Nominee Advised Group on Gay Rights](#)

Gmail [edit](#) [x](#)

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

eBay Member :, Mail Delivery (2) - Que

eBay Member :, Mail Delivery (2) - Que

dev-reject-11641931., Mail Delivery (2) -

dev-reject-11639872., Mail Delivery (2) -

dev-reject-11626813., Mail Delivery (2) -

Dec 11

Dec 3

Nov 22

Nov 19

Nov 4

Movies [edit](#) [x](#)

[Showtimes for 76208 »](#)

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

☆☆☆☆ 6 reviews

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

☆☆☆☆ 8 reviews

[The Holiday](#) 2hr 16min - Rated PG-13

☆☆☆☆ 19 reviews

Wired News: Top Stories [edit](#) [x](#)

[She's Such a Geek!](#)

[First Look: Photoshop CS3 Beta](#)

Stock Market [edit](#) [x](#)

| | | | |
|---------|----------|--------|----------|
| YHOO | 26.90 | +0.03 | (0.11%) |
| DJIA | 12445.52 | +28.76 | (0.23%) |
| NASDAQ | 2457.20 | +3.35 | (0.14%) |
| NYSE | 9140.39 | -6.81 | (-0.07%) |
| S&P 500 | 1427.09 | +1.60 | (0.11%) |

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

NYT > Home Page [edit](#) [x](#)

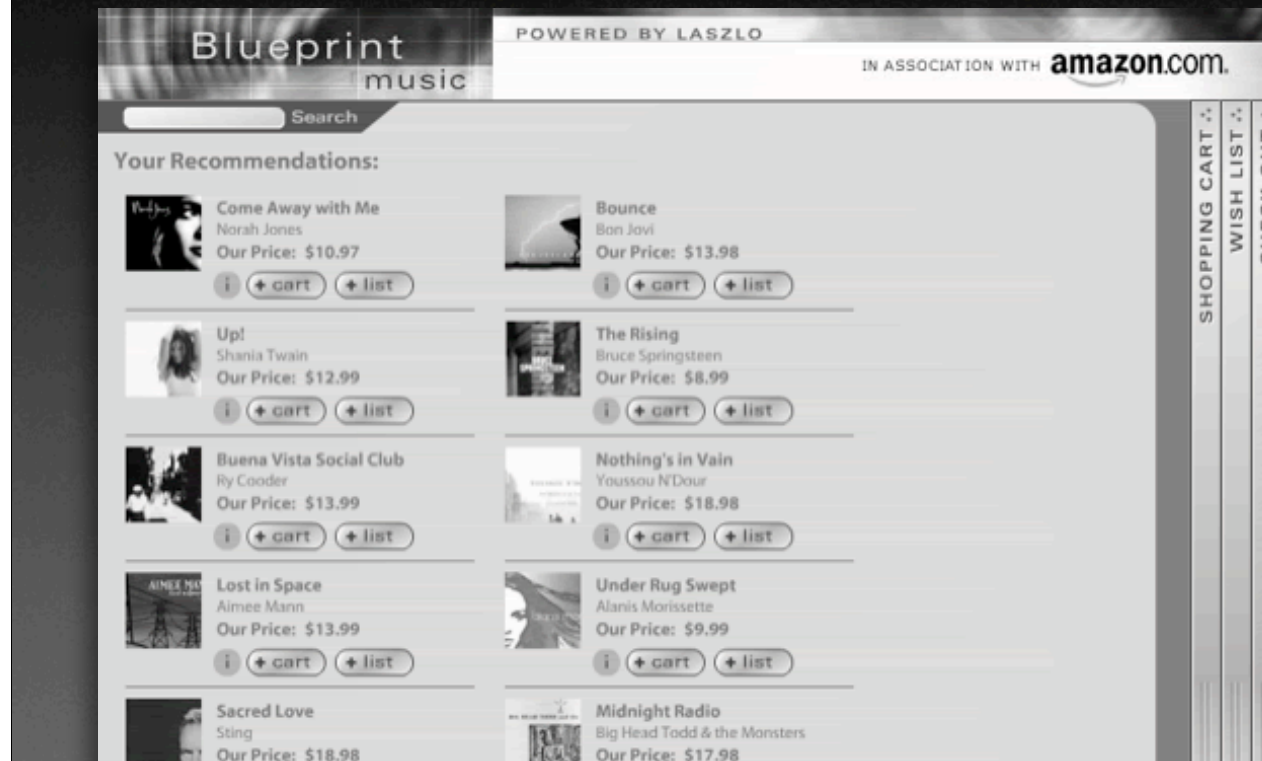
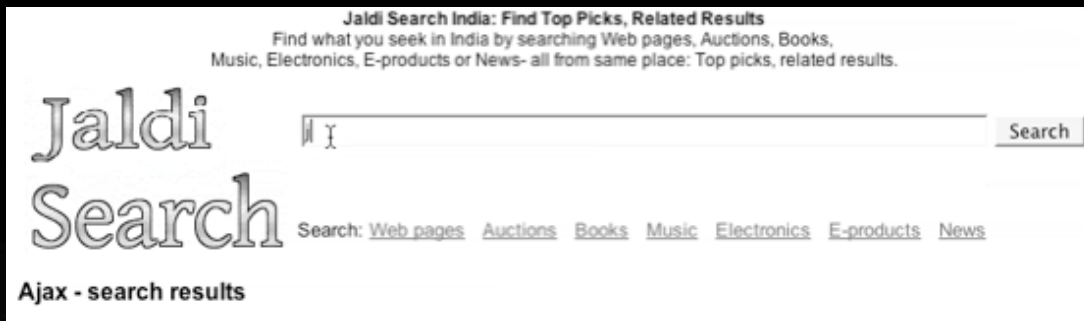
[Global Warming Poses Threat to Ski Resorts in the Alps](#)

[Governor Mum on Replacement Talk](#)

[Options Sought for Surge in US Troops to Stabilize Iraq](#)

anti-pattern. misguided misdirection

One hits you over the head; the other is nuanced.



anti-pattern. misguided misdirection

In Y! Local, there is a two-step operation to open up information on the map.

Hover activates the balloon.

Click to get the details

However, the hover brings up a popup which you expect to contain information. However, it contains the message "Click icon for more info".

Here is what happens

The popup mis-directs you to what you think is information.

You start to move the mouse to where it says "Click..."

You realize that you have to find the icon

Then you re-target the icon you were just hovering over

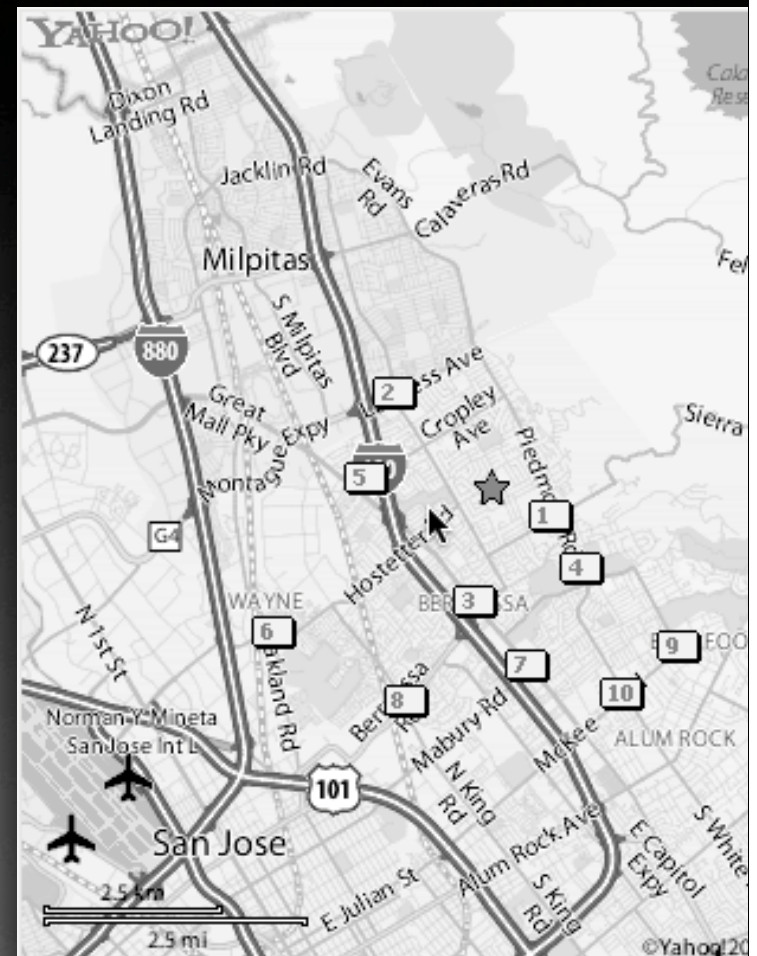
And click to get the information.

Compare this to Google Maps

I just click.

No hover to distract.

You can actually do the same on both



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

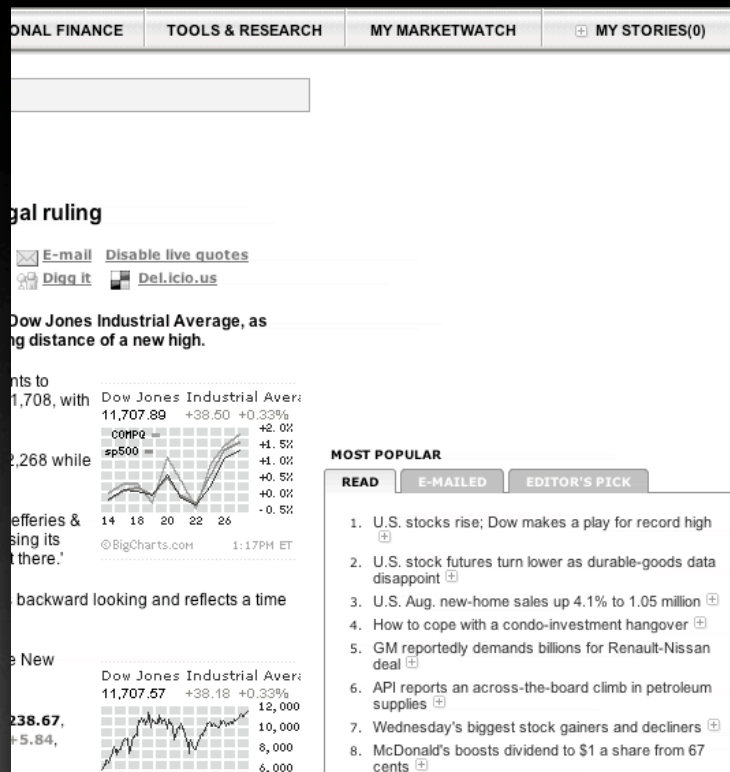
Use interesting moments grid to think through each moment

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 |
| Drop Target | Normal | Normal | Normal | Insertion Bar | N/A | N/A | 1. Insertion Bar Removed | N/A | N/A |
| Drop Target | Normal | Normal | Normal | Insertion Bar | N/A | N/A | 1. Insertion Bar Removed | N/A | N/A |

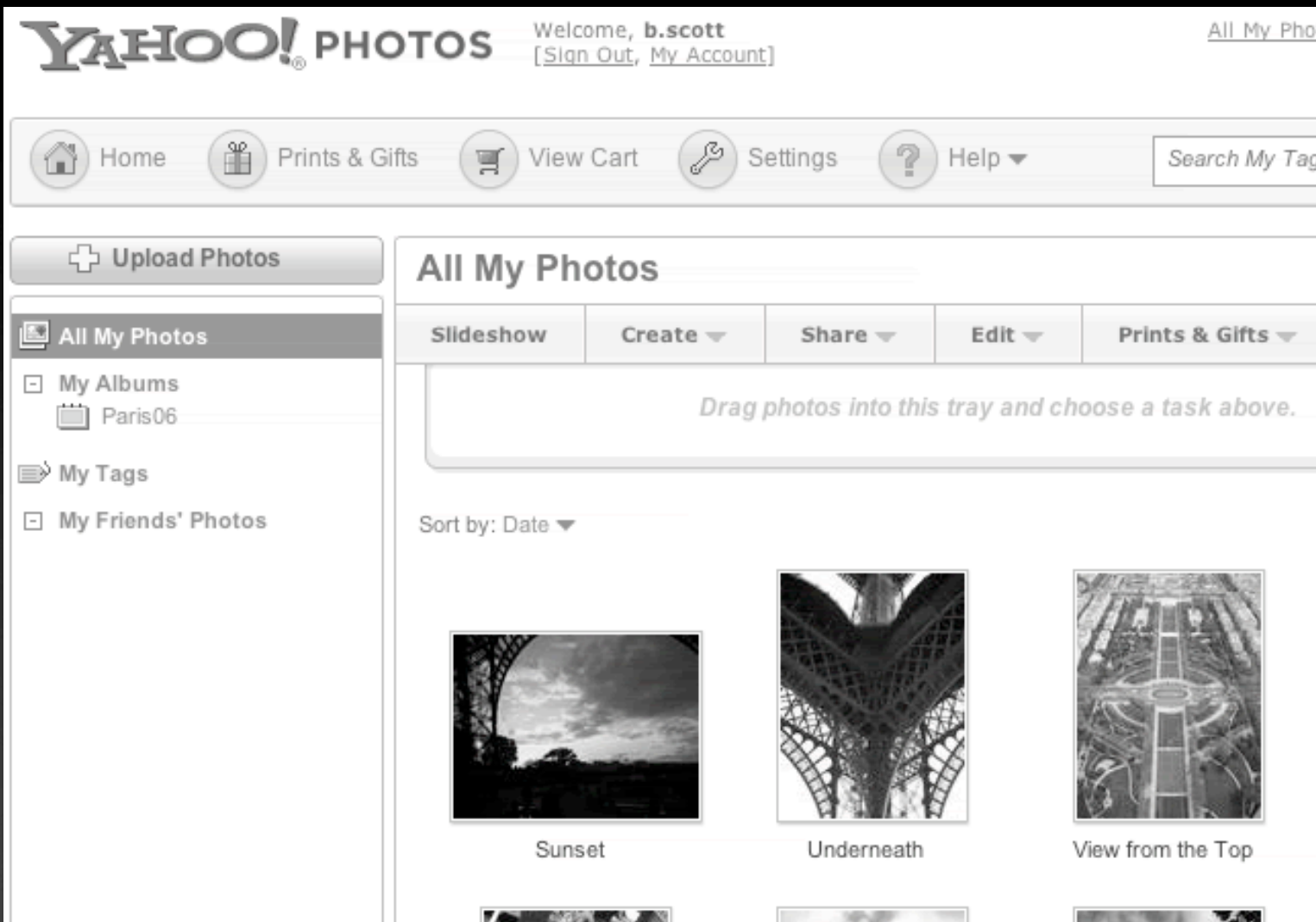
anti-pattern. missed moments

This does not work because a number of interaction points miss providing clues during the adding stock symbols



anti-pattern. missed moments

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



anti-pattern. missed moments

You can also miss moments of creating interactive relationships of data. The event browser ties interactivity with information. Google maps search loses that.

Google Maps

What e.g., "pizza" Search the map Find

Where e.g., "poughkeepsie"

Search Results My Maps New!

San Francisco CA

1 MH De Young Memorial ... 12 Events +

2 Strybing Arboretum 3 Events +

3 Amoeba Music 2 Events +

17 RESULTS

Apr 2006

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

All Art Country & Western Folk Music Misc

Events Museums & Galleries

Music Rock & Pop Sports

Theater

anti-pattern. missed moments

Lots of opportunities exist if you are careful to catch them

YAHOO! FINANCE

Welcome **b.scott**
[Sign Out, My Account]

Yahoo! | My Yahoo! | **Classic Charts** | Help

SEARCH

GET CHART

Symbol Lookup Technical Indicators Chart Settings Print Email Reset

Sponsored by
Vanguard

COMPARE TO:

COMPETITORS

DELL INC (DELL)

HEWLETT PA... (HPQ)

MICROSOFT... (MSFT)

INDEXES

DOW JONES (^DJI)

NASDAQ (^IXIC)

S&P 500 (^GSPC)

+ MORE INDEXES

RECENT

ADD SYMBOL(S)

GO

CHART TIPS

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

NAME

Apple Computer Inc.(AAPL)

LAST TRADE

64.78

CHANGE

▼ 2.43(3.62%)

VOLUME

35,526,180


TIME

4:01pm ET

More Quote Info

AAPL

MSFT

 **Farecast** Beta

Know When to Buy

Home | Sign Up for Email

All Times (Listed)

Select Times (Grid)

Learn more about List View

Results for:

Leave: **All Times**
San Jose, CA (SJC)
Fri, Oct 20 2006

Return: **All Times**
Dallas, TX (DFW)
Sat, Oct 28 2006

Adults: 1 [Change Search](#)

 **\$50+**

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

Fare History

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



Refine Results [Reset]

Showing 201 of 201 options

Price Range

\$559

\$1393

\$1393

Stops

☒ 0

\$1228

☒ 1

\$559

☐ 2+

-

Airlines Compare

☒ Alaska

\$731

☒ America West

\$636

☒ American

\$675

☒ Continental

\$719

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

Planning Tools

Flexible? Fares from \$325

Track this trip with RSS

Sponsored Links

Dallas Hotels

Dallas TX Hotel - Orbitz

Sort Dallas hotels by price, distance & star rating. Orbitz and Go.

[www.orbitz.com](#)

Book Dallas Texas Hotels at CheapTickets

Save with CheapTickets® Best Price Guarantee on hotels - book now.

[www.cheaptickets.com](#)

Dallas Inns

Let Inns.com help you find unique lodging in Dallas Texas. Book online with...

[www.inns.com](#)

Dallas Accommodations

Enjoy Golf, Spas, Fine Dining & More - Minutes Away from Dallas.

[ad.doubleclick.net](#)

Sponsored Links

Activities in Dallas

ORBITZ: Dallas Vacation

Over 500 vacation destinations

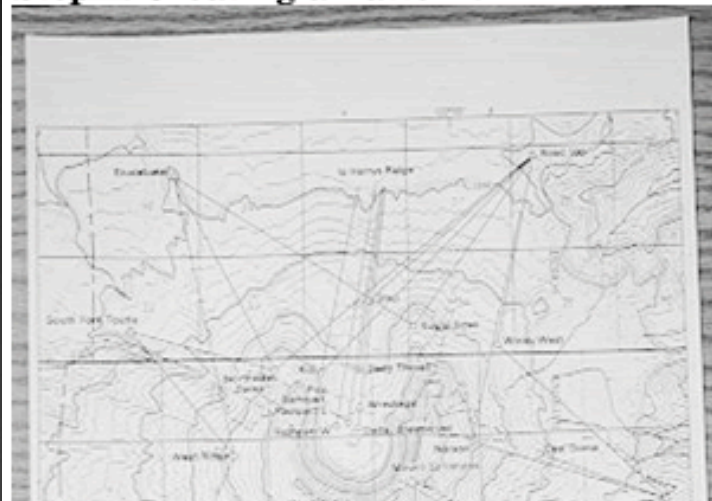
anti-pattern. missed moments

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

Step 1. Selecting a Volcano

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

Step 2. Creating a Pattern.



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

summary

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

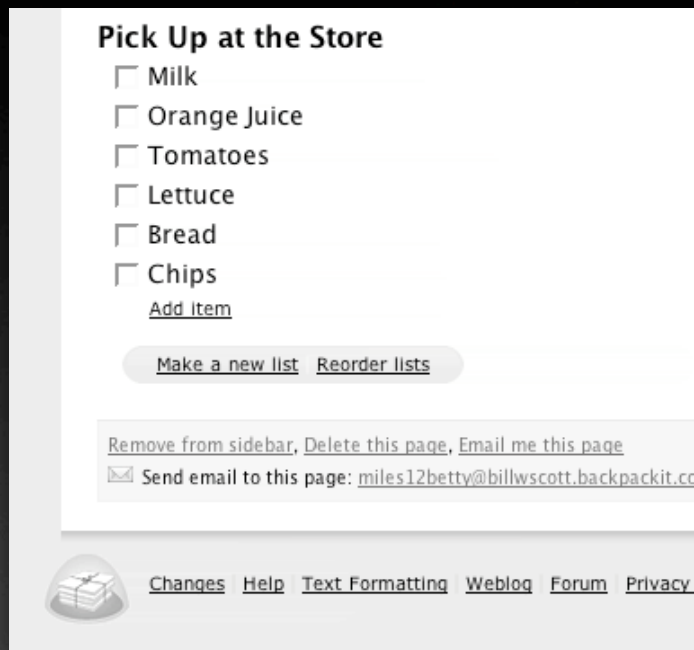
examples

backpackit

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


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

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



anti-pattern. one at a time

Takes one at a time check box to the extreme




my
FUTON CRITIC
the web's best television resource

You are logged in as **b.scott@yahoo**

titles

HOME | BREAKING NEWS | SHOWS A-Z | TV ON DVD | LISTINGS | RANTS & REVIEWS | SUMMER GUIDE | RATINGS

MYHOME | MYNEWS | MYSHOWS | MYDVD | MYLISTINGS

 **SHOWWATCH**

| 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) |

anti-pattern. **non-symmetrical actions**

summary

when what it takes to activate a window or function is really different that what it takes to deactivate the window or undo the function.

examples

amazon hover popup

solutions

anti-pattern. non-symmetrical actions

Too easy to popup... Too hard to get rid of.

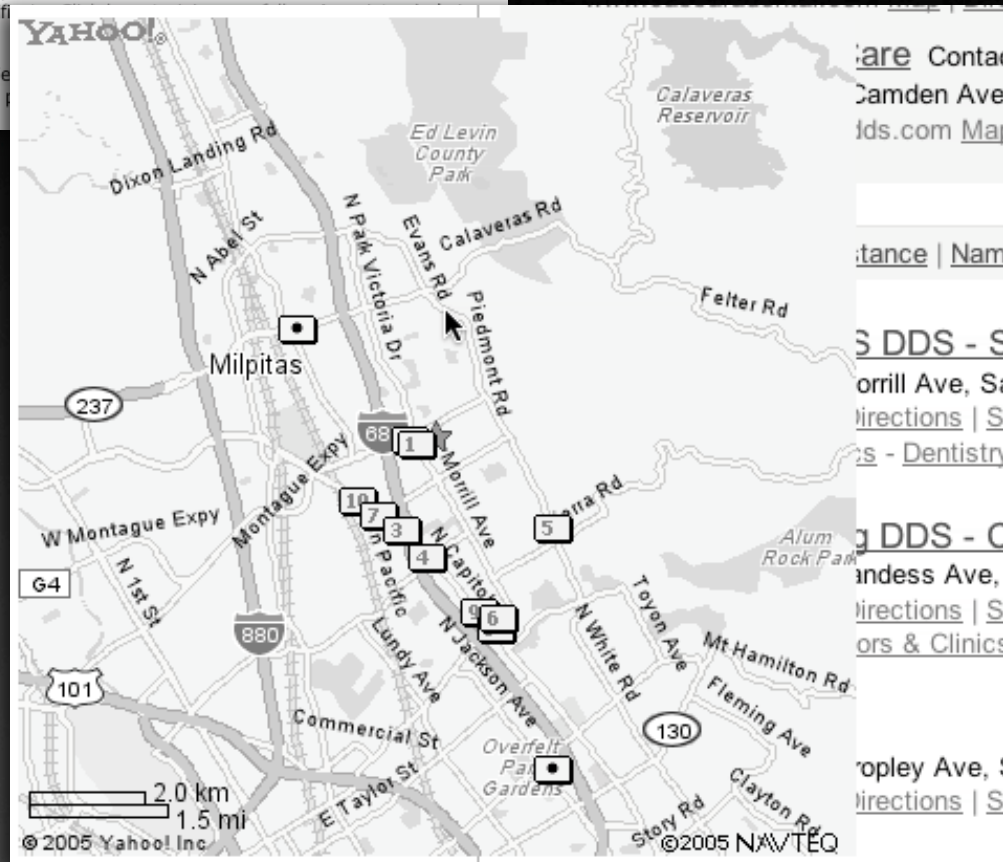
To see a product preview in action, hover over the link below.



Forty Associates recently added product previews to their Web site as part of a small beta program. During the beta, visitors to Associate sites who viewed a product preview clicked through to Amazon.com over 4% of the time; those clicks resulted in a purchase nearly 6% of the time.

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

Don't worry if you don't already have Basic Display Product Links on your Web site. You can add them to your site through the Amazon Associates process. [Click here](#) for answers to questions you might have about the beta program.



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.**

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.

my blog.
this prez.

looksgoodworkswell.com
billwscott.com/share/presentations/2007/aesf/

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

YAHOO! USER INTERFACE BLOG

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

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

Yahoo! Design Pattern Library Released

February 13, 2006 on 7:54 am by Bill Scott | In Design |

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

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

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

Background on Patterns

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

RECENT POSTS
Developing a JavaScript Library for Yahoo!
Welcome to the Yahoo! User Interface Blog
The Yahoo! User Interface Library
Yahoo! Design Pattern Library Released
Search Pagination Design Pattern
Item Pagination Design Pattern
Rating an Object Pattern

Developer Network Home Help Site Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

[Yahoo! Developer Network](#) > Design Pattern Library

USER NEEDS TO

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

APPLICATION NEEDS TO

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

Welcome

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

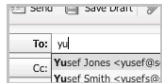
What's a Pattern?

A pattern describes an optimal solution to a common problem within a specific context. [more...](#)

Recent Patterns

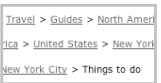
Auto-Complete

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



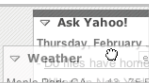
Breadcrumbs

User needs to navigate potentially large quantities of information efficiently, without becoming lost.




Drag and Drop Modules

The user needs to re-arrange the layout of modules on a web page directly with the mouse.




Module Tabs

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




Navigation Tabs

The user needs to navigate through a site to locate content and features and have clear indication of their current location in the site.




Object Pagination

The user needs to view data items from a potentially large set of sorted data that will not be easy to display within a single page.




Results Page:

1 2 3 4 Next



Rating an Object

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



Writing a Review

User wants to share her opinion with others about an object (place, person, thing) in greater detail than a simple rating.

