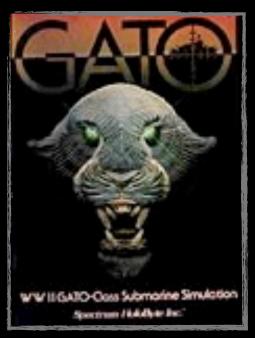
# Designing for Interesting Moments

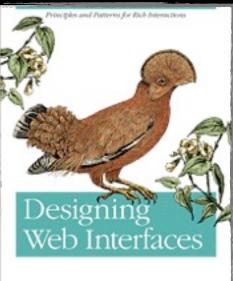
Bill Scott

Director, UI Engineering Netflix

Microsoft - August 24, 2009

### Me





Bill Scott & Theresa Netl

O'REILLY'





### YAHOO! DEVELOPER NETWORK

tated Switzer School & Swig-Sprint Library

### BAYTOLATE.

Season-rein

· Faceled Navigation Fly-out Menus morganist flar Multi-and Spoke Left Navigation

Module Table Navaleton Table

ENPLORE DATA

Calendar/Ficker

w Pagination

tem Pagnation

Search Pagination ORGANIZE DATA

ACRES PRESENTE

w Ratings & Reviews And Madage Paymen

Rating an Object: Writing a Review

PERFORM SCTTON

COSTORAGE

w Draig and Draip Drag and Drag

DEPROVE REMOMENSTY

w Rathern & Reviews

SMOVE RELATED STEPS

Results Page: 1 2 3 4 P Next

easily display within a single

learch Pagination

The upper heads to view a set. A upper worth to quickly of search-wouts ranked by relevance that is too large to object, with minimal

Welcome to the Yahoo! Design Pattern Library. We are very happy to be sharing our Stray with the design and development community. This is our first drop of what we toge 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! Liver 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,

Clear However, h. Co. Wasel James report the Wasel Smith, countries

The user needs to enter an fam into a text box which could ambiguous or hard to

smember and therefore has the potential to be mis-typed

- Cargo Ship Blocks Sur

Madule Table

The user heads to navigate through one or more stacked. Evough a site to locate refreshing the page.

Drag and Drag Objects > In Page Editing

CHIA HTTERTSON

Review And Standard

DESCRIPTION SCHOOL PRICE

David P Guide P StdS. Adva

ca > brokel, brokes > beau, but machine Disposite de

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

Navigation Table

Street, St. Street, or

Flating an Object

leave their opinion on an

flow they are involved in

The user reads needs to re-arrange the layout of modules on a selt-page dractly with the mouse.

Washer O



Street Pagnation terms from a potentially large have clear indication of their

not be easy to display within a single page



User worth to share her opinion with others about an object (place, person, fring) simple rating.





Summer and Ending Hunger (Ep.11)

Unite Against WMG



Google Webmaster Tools

### HowStuffWorks.com Daily Feed

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- Fact or Fiction: Fight it Out!
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Stock Market



- Online Forum Leads To Hostile Workplace Lawsuit
- Red Hat Is Now Part of the S&P 500

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- Tour de France spectator killed
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- → Google Says Mobile App Stores Have

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- An Appraisal: Cronkite's Signature: Approachable Authority
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- Reflect on Cronkite's Career
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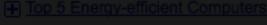
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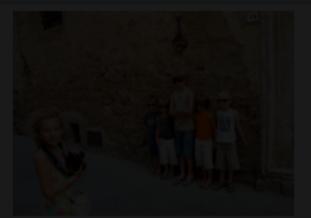
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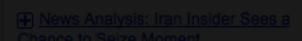














### Simple Interaction? Events...

Page load. Mouse hover. Mouse down. Drag initiated. Drag leaves original location. Drag re-enters original location. Drag re-enters original location. Drag enters valid target. Drag exits valid target. Drag enters specific invalid target. Drag is over no specific target. Drag hovers over valid target. Drag hovers over invalid target. Drop accepted. Drop rejected. Drop on parent container.

### Simple Interaction? Actors...

Page. Cursor. Tool Tip. Drag Object. Drag Object's Parent Container. Drop Target.



	Mouse Hover	Mouse Down	Drag Initiated	Drag Hovers over Valid Target*	Drop Accepted
Cursor	Change to a hand pointer.	Change to normal style.*			
Dragged Module			Slightly transparent.		Dragged module removed.
Dragged Modules Original Location			Hole is shown as a gray, thick, dashed outline.		Hole is removed.
Drop Target				Hole (gray, thick, dashed outline) is moved to the new drop spot. Other modules shift to close prior hole.	Module is placed in the new location.



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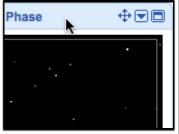






	Mouse Hover	Mouse Down	Drag Initiated	Drag Hovers over Valid Target*	Drop Accepted
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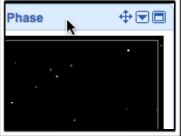






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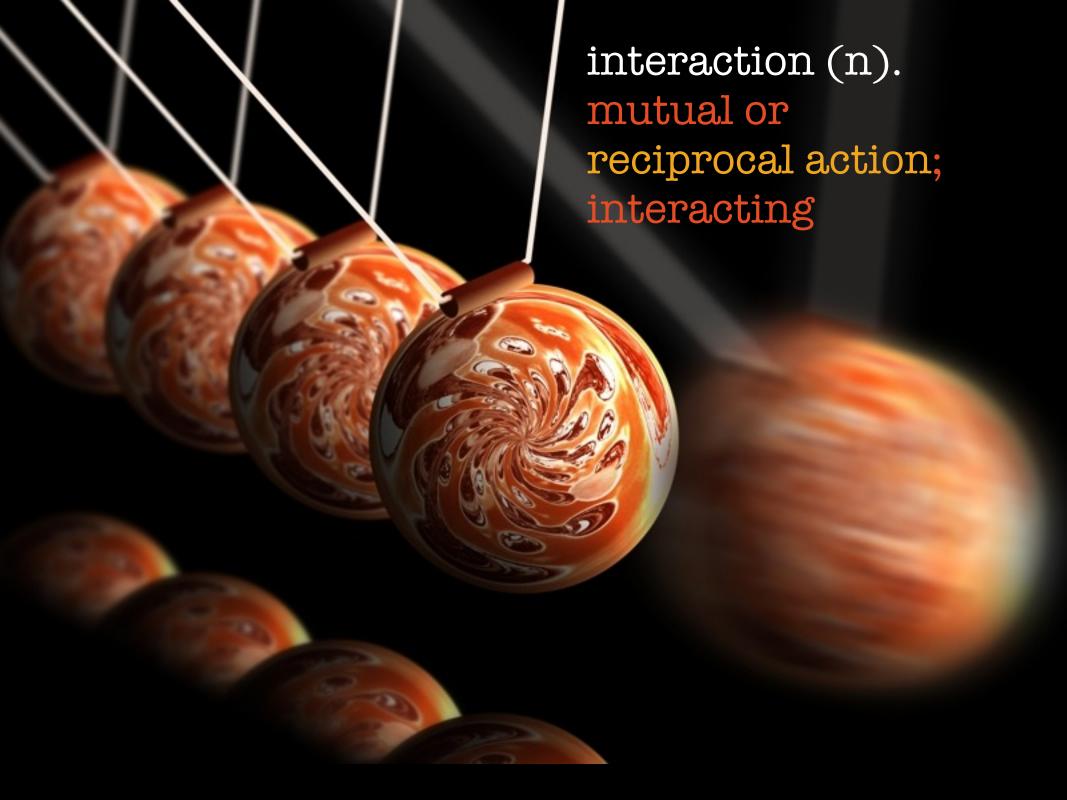


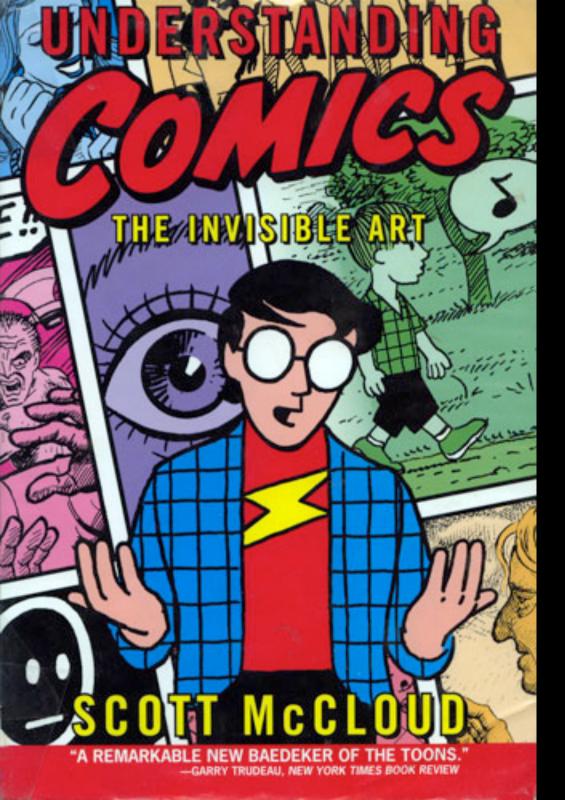






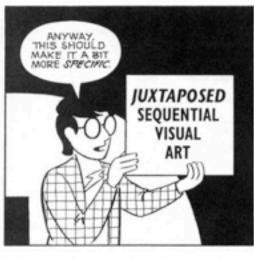
	Mouse Hover	Mouse Down	Drag Initiated	Drag Hovers over Valid Target*	Drop Accepted
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interaction.
interplay between
system and user









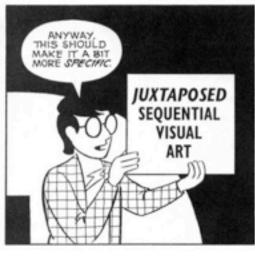






interaction.
interplay between
system and user





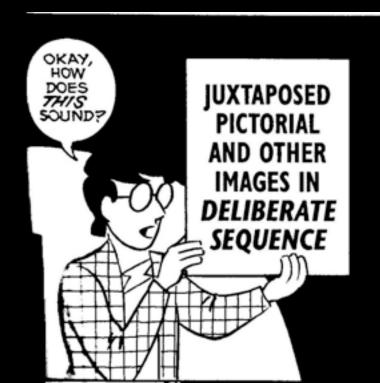








interaction.
interplay between
system and user





interaction.
sequence
tells a story



interactivity.
cyclic process
between two or
more active agents
in which each agent
alternatively
listens, thinks, and
speaks.

Chris Crawford Interactive Storytelling

	Mouse Hover	Mouse Down	Drag Initiated	Drag Hovers over Valid Target*	Drop Accepted
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## 6 principles

# 6 principles

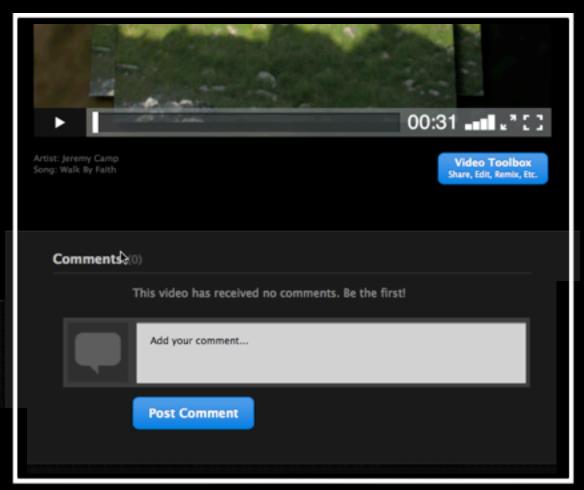
for designing interesting moments



Input where
you output.
Alan Cooper

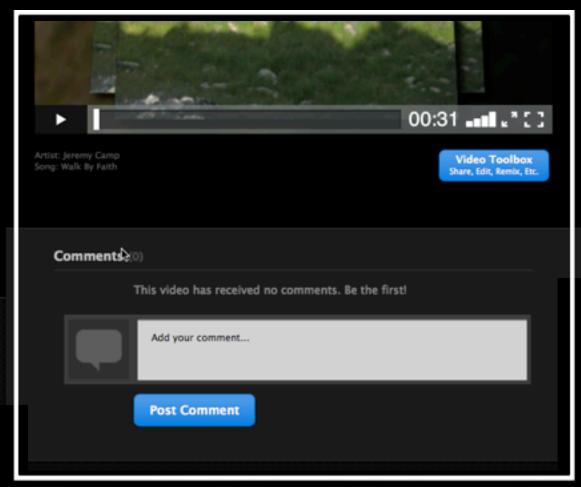


### In Page Editing



inline editing. animoto.com

### In Page Editing



inline editing. animoto.com

Interesting Moments

Page load

### Not editing:

- Mouse enters edit area
- Mouse exits edit area
- Mouse click in edit area

### Editing:

- Mouse exits edit area
- Mouse click outside edit

	Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value

	Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value

1

	Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value

1
2 Click here to edit your video's description.

	Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value



	Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	3 4 Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value

1	
2	Click here to edit your video's description.
3	Ţ
4	Testing Animato.

Analyzing the Moments

	Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value

1	
2	Click here to edit our video's description.
3	Ţ
4	Testing Animato.
5	Testing Animoto.

Analyzing the Moments

	Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	3 4 Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value

1	
2	Click here to edityour video's description.
3	Ţ
4	Testing Animato.
5	Testing Animoto.
6	Saving

Analyzing the Moments

	1 Page Render	Not editing: Mouse in edit area	Not editing: Mouse exits edit area	3 4 Mouse clicks in edit area	Editing: Mouse exits edit area	6 7 Editing: Mouse click elsewhere
Cursor		link cursor	normal	i-beam	normal	normal
Edit Area	hidden edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value

1	
2	Click here to edittyour video's description.
3	Ĭ.
4	Testing Animato.
5	Testing Animoto.
6	Saving
7	Testing Animoto.

## Refactoring the Moments

	Page Render	Not editing: Mouse enters edit area	Not editing: Mouse exits edit area	Mouse clicks in edit area	Editing: Mouse exits edit area	Editing: Mouse click outside edit area	Editing: Click Save Button
Cursor		link cursor	normal	i-beam	normal	normal	normal
Edit Area	hint at edit field	dotted outline; invitational text	hidden edit field	dotted outline; white background	solid outline	Saving message; new value	Saving message; new value
Buttons?				Show Save/ Cancel buttons			Hide Save/ Cancel buttons
Edit Link?	Show edit link?						



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## Additions:

- Yellow spotlight/invitation
- Tooltip invitation
- Explicit Save/Cancel buttons





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### Additions:

- Yellow spotlight/invitation
- Tooltip invitation
- Explicit Save/Cancel buttons



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### Additions:

- Yellow spotlight/invitation
- Tooltip invitation
- Explicit Save/Cancel buttons





anti-pattern. non-symmetrical. iphone



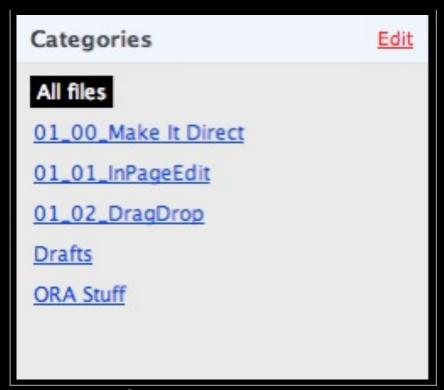
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anti-pattern. non-symmetrical. iphone



symmetrical interaction. basecamp



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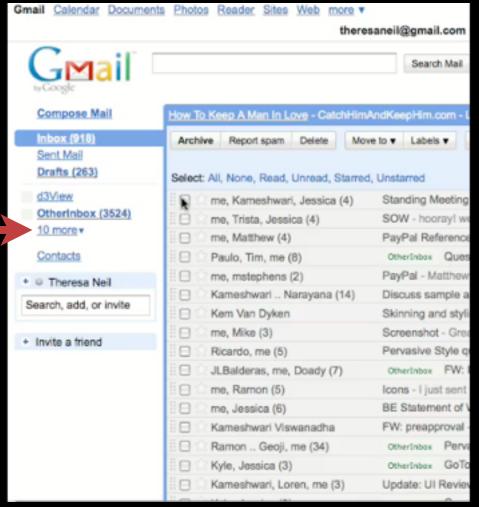
Categories	Done editing
All files	
01_00_Make It Direct	Rename
01_01_InPageEdit	Rename
01_02_DragDrop	Rename
<u>Drafts</u>	Rename 🗑
ORA Stuff	Rename
Add another category	

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Gmail Calendar Documer	nts Photos Reader Sites Web more ▼	
	theres	saneil@gmail.com
GMail was a second		Search Mail
Compose Mail	How To Keep A Man In Love - CatchHim/	AndKeepHim.com - I
Inbox (918)	Archive Report spam Delete Mov	e to ▼ Labels ▼
Sent Mail Drafts (263)	Select: All, None, Read, Unread, Starred	, Unstarred
OtherInbox (3524)	me, Kameshwari, Jessica (4)	Standing Meeting SOW - hooray! w
Contacts	me, Matthew (4)	OtherInbox Ques
Theresa Neil	⊞	PayPal - Matthew Discuss sample a
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+ Invite a friend	☐ ☐ me, Mike (3) ☐ ☐ Ricardo, me (5) ☐ ☐ JLBalderas, me, Doady (7)	Screenshot - Greenshot - Green
	me, Ramon (5)	Icons - I just sent
	me, Jessica (6)	FW: preapproval
	Ramon Geoji, me (34)	OtherInbox GoTo
	Kameshwari, Loren, me (3)	Update: UI Revie



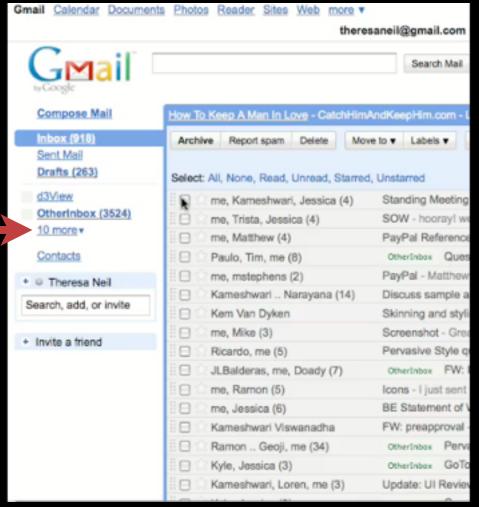
Mouse hover & initiation Anti-pattern: Tiny Targets



Drop accepted
What happened?
Collapses immediately.







Mouse hover & initiation Anti-pattern: Tiny Targets

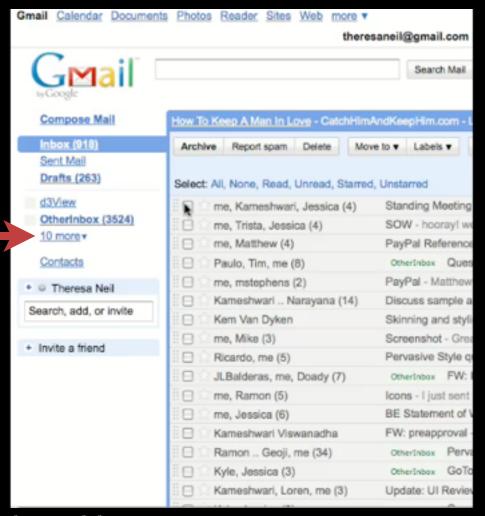
Reduce physical effort.

Kameshwar

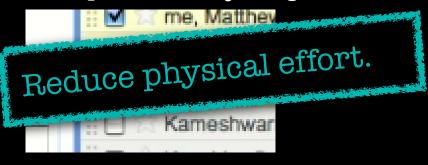
Drop accepted
What happened?
Collapses immediately.



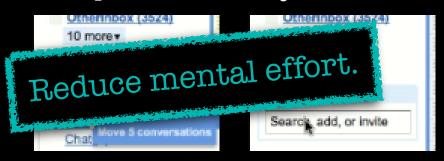




Mouse hover & initiation Anti-pattern: Tiny Targets

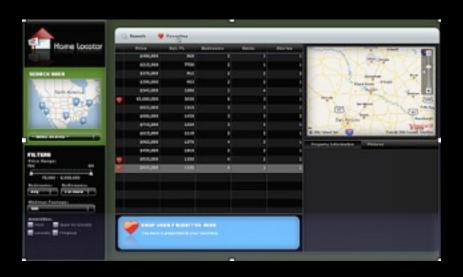


Drop accepted
What happened?
Collapses immediately.















anti-pattern. artificial construct.





anti-pattern. artificial construct.

### **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

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Fun with Dick and Jane



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George Segal and Jane Fonda play Dick and

Jane, two up-and-coming yuppies who exemplified the lifestyle before there was even a name for it. But when Dick loses his lucrative job, the two face a ... Read More



Monty Python's Life of Brian



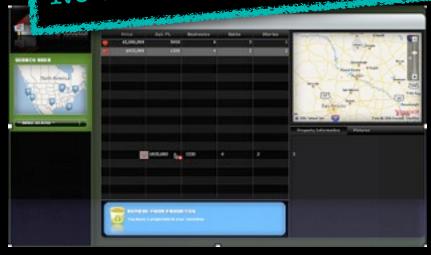
Add

The crown princes of British comedy are at it

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

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# No artificial constructs!





anti-pattern. artificial construct.

### **Classics**

#### Recommendation



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

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Maybe Not..

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





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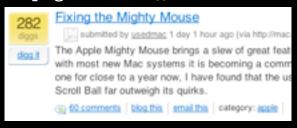








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### Fixing the Mighty Mouse

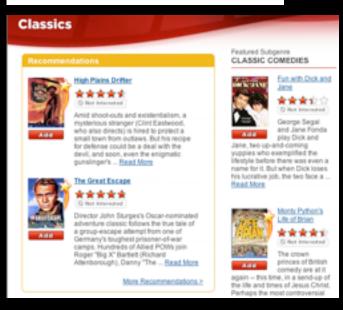
submitted by usedmac 1 day 1 hour ago (via http://mac

The Apple Mighty Mouse brings a slew of great feat with most new Mac systems it is becoming a comm one for close to a year now, I have found that the us Scroll Ball far outweigh its quirks.

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

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### in-page action. digg.com



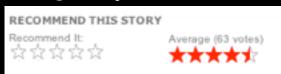
#### Fixing the Mighty Mouse

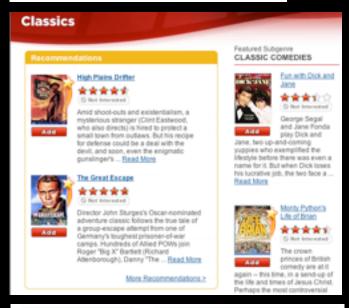
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60 comments blog this email this category: apple

### rating an object. ylnews, netflix





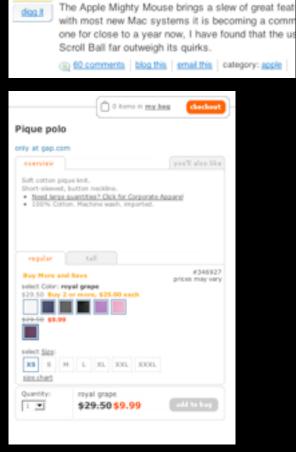


Answer hidden due to its low rating Show Total rating: -16

### in-page action. digg.com

Fixing the Mighty Mouse

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



remembered collections. gap.com

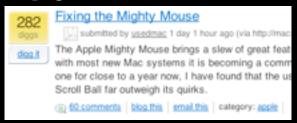
rating an object. ylnews, netflix



rating an object. y!movies, y!answers

### In Page Actions (always visible)

#### in-page action. digg.com





Use to reduce the "click weight."

- # of interaction steps
- Decision time
- Seek time
- Second guessing
- Wait time

remembered collections. gap.com

rating an object. ylnews, netflix



camps. Hundreds of Allied POWs join

Roger 'Big X' Bartlett (Richard Attenborough), Danny 'The ... Read More



More Recommendations >

princes of British

again - this time, in a send-up of

the life and times of Jesus Christ Perhaps the most controversial



# Contextual Tools (inline on hover)



contextual tool menu. flickr.com

### Contextual Tools (inline on hover)

3	lantzilla pro says:
	with biscuits and gravy and all the fixins Posted 16 hours ago. ( permalink )
Add you	ur comment
(Some HTM	L is OK.)

contextual tool menu. flickr.com

Pick Up at the Store	
Milk	
☐ Orange Juice	
□ Tomatoes	
Lettuce	
☐ Bread	
Chips	

contextual tool actions. backpackit

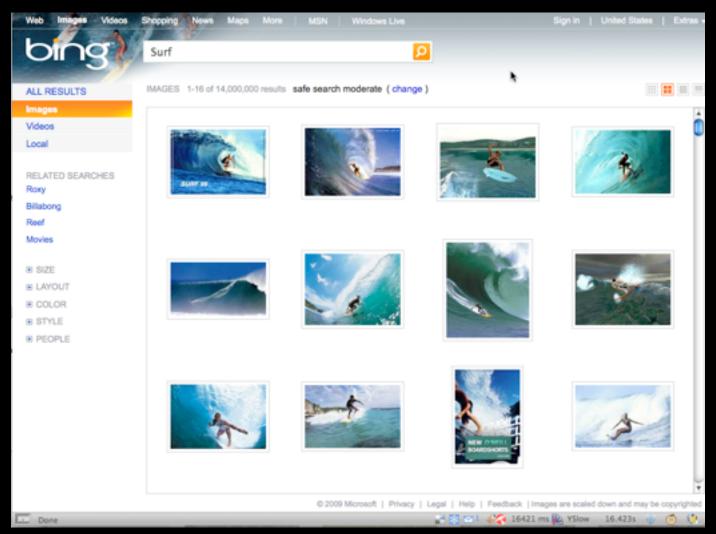
# Contextual Tools (inline on hover)

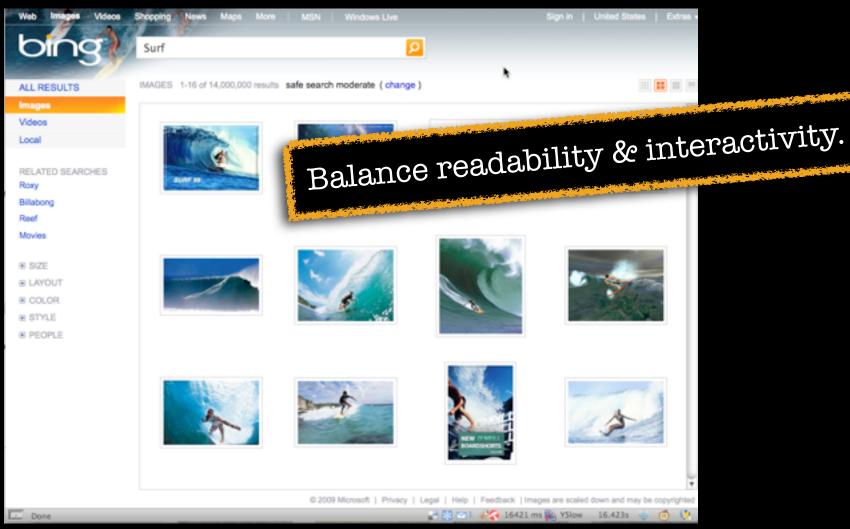


contextual tool menu. flickr.com

Pick Up at the Store	
Milk	
☐ Orange Juice	
□ Tomatoes	
☐ Lettuce	
☐ Bread	
Chips	

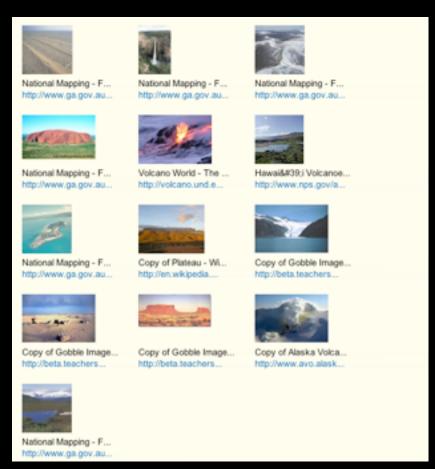
contextual tool actions. backpackit





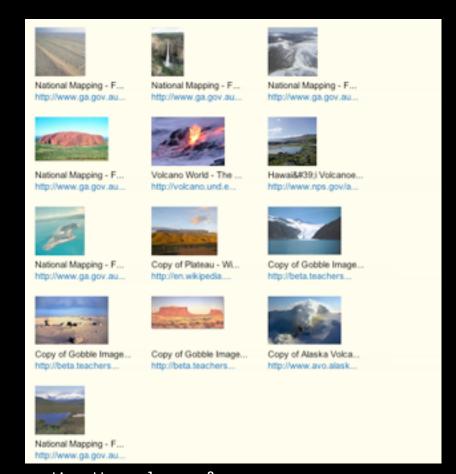
contextual tool overlay. bing.com

#### Anti-Pattern: Hover & Cover



anti-pattern. hover & cover. yahoo! teachers

#### Anti-Pattern: Hover & Cover

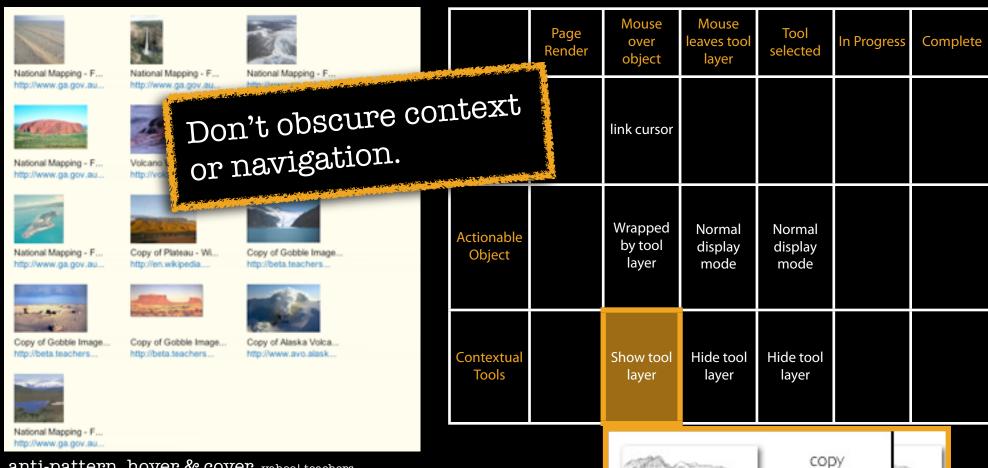


anti-pattern. hover & cover. yahoo! teachers

	Page Render	Mouse over object	Mouse leaves tool layer	Tool selected	In Progress	Complete
Cursor		link cursor				
Actionable Object		Wrapped by tool layer	Normal display mode	Normal display mode		
Contextual Tools		Show tool layer	Hide tool layer	Hide tool layer		



#### Anti-Pattern: Hover & Cover



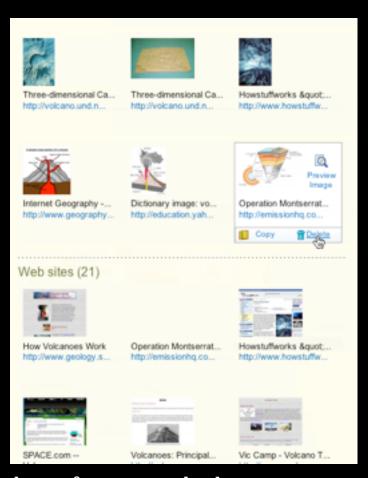
elete

title stuff that runs long

preview

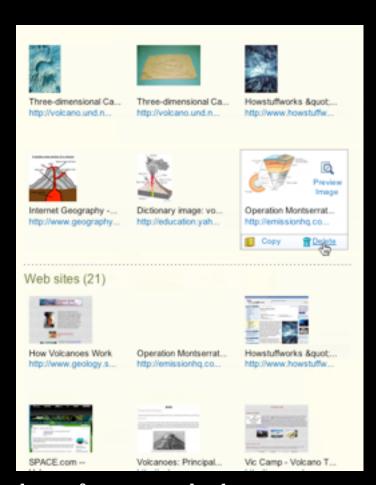
anti-pattern. hover & cover. yahoo! teachers

#### Hover & Cover Refactored



hover & cover resolved. y! teachers

### Hover & Cover Refactored



hover & cover resolved. y! teachers



#### Inbox (11 unread) Matt Marenghi Invitation to connect Jul 16 take action 🔻 RE: Wondered what... Keith Deacon Jul 14 take action • Sita Bhatt What are your top 5... Jul 14 Archive Nick Finck The Netflix connection Jul 13 take action • Robert Newby Please contact Robert... Jul 7 Archive

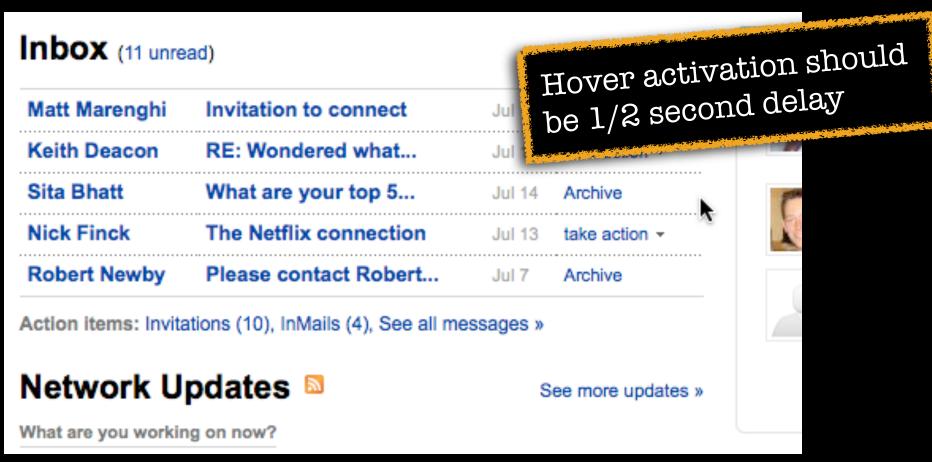
Action items: Invitations (10), InMails (4), See all messages »

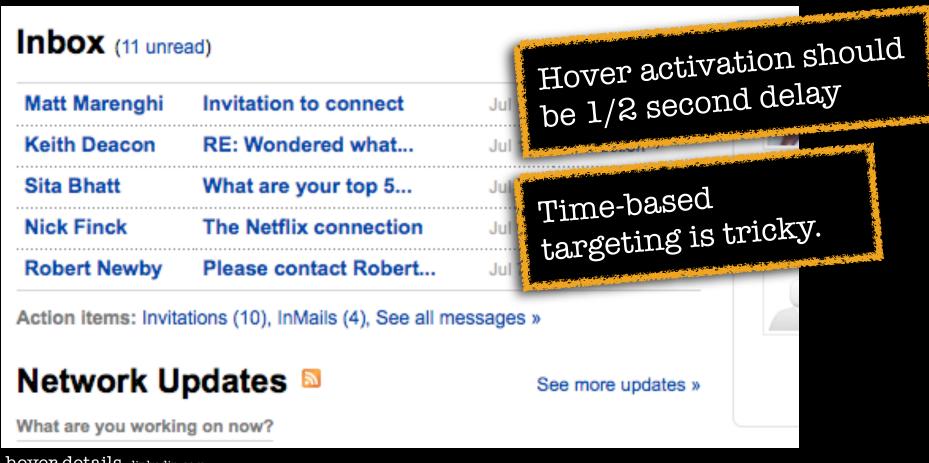
#### Network Updates

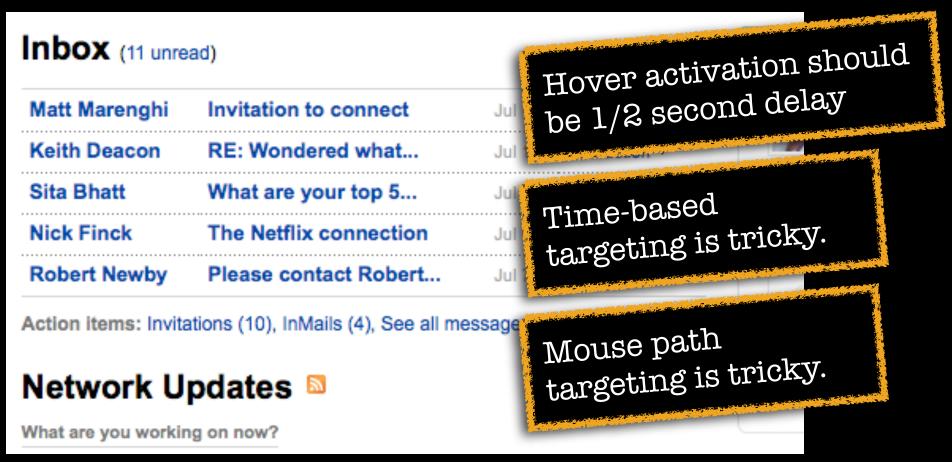
See more updates »

Peop

What are you working on now?



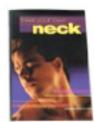




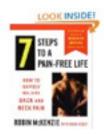
#### anti-pattern. double duty. ${\tt amazon.com}$

Continue shopping: Customers Who Bought Items in Your Recent History Also Bought Page 1 of 17





Treat Your Own Neck 4th Ed → by Robin Mckenzie ★★★★ (28) \$10.00



7 Steps to a Pain-Free Life: H... 
→ by Robin McKenzie

★★★★ (72) \$11.56



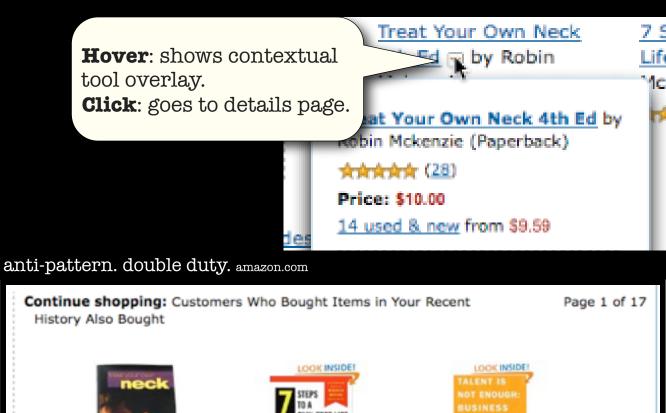
Talent Is Not Enough:
Business S... 

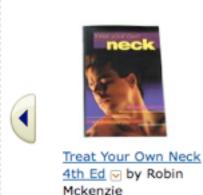
by Shel
Perkins

(3) \$26.39

design management (Books)

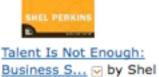
Top of Page











McKenzie ★★★★ (72) \$11.56

Business S... 

→ by She Perkins

★★★★ (3) \$26.39

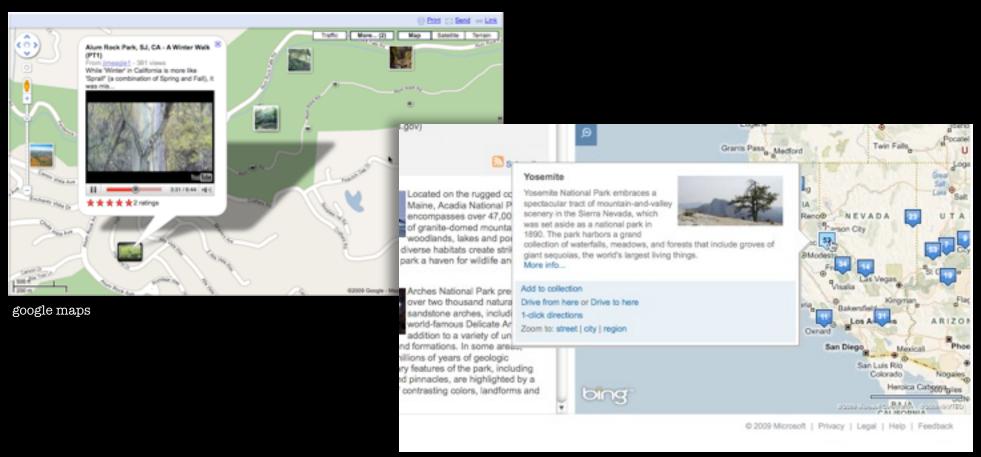
design management (Books)

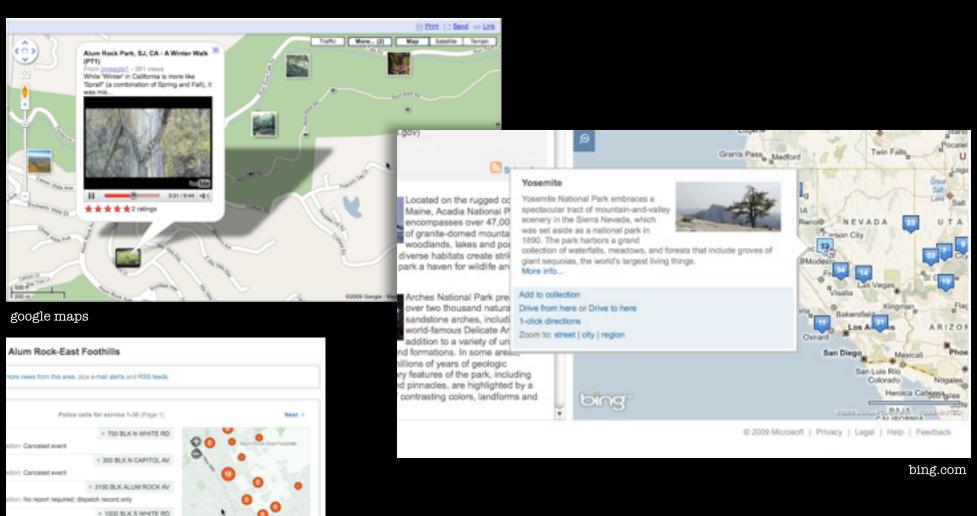
Top of Page





google maps





+ 14800 BLK WATTERS DR

= 1000 BLK S WHITE RD

+ 2700 BLK BONCHEFF DR

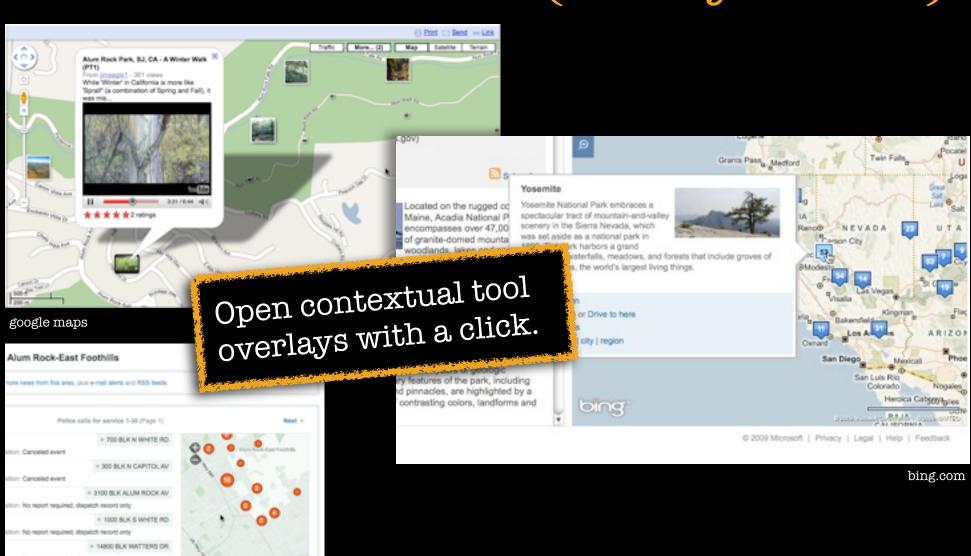
= 300 BLK N CAPITOL AV

+ 2700 BLK MCKEE RD

No report required; dispatch record only

ion: No report required; dispatch record only

sition: Canoeled event



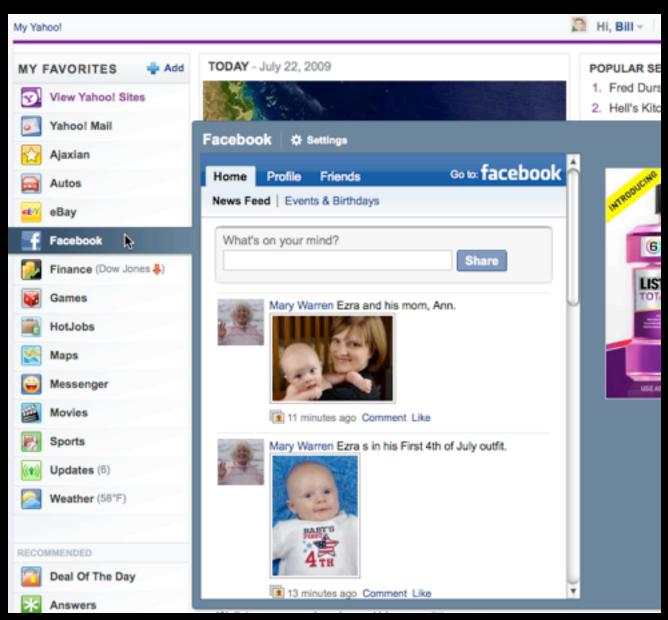
+ 2700 BLK BONCHEFF DR

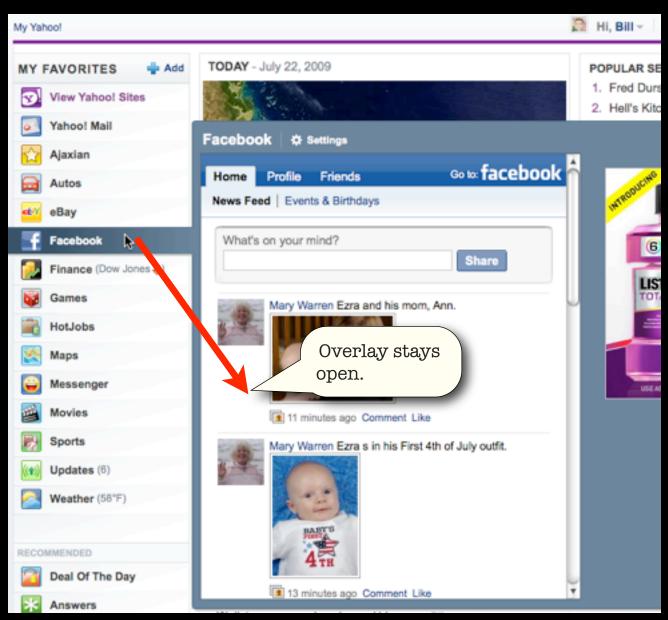
= 300 BLK N CAPITOL AV

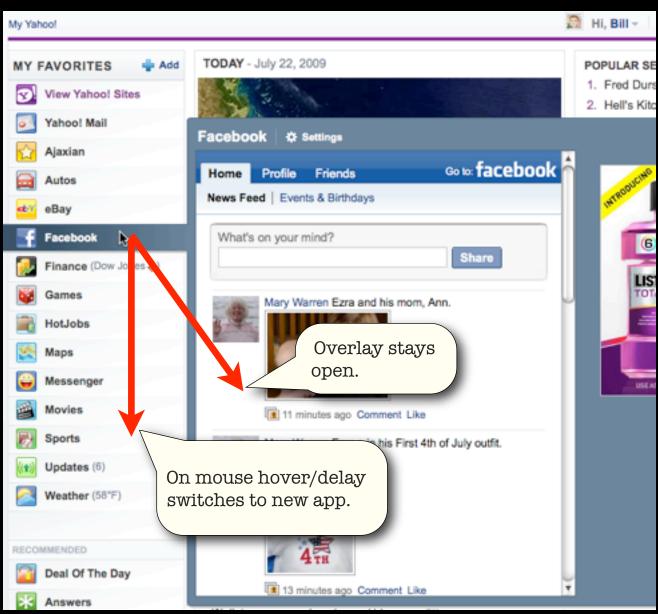
+ 2700 BLK MCKEE RD

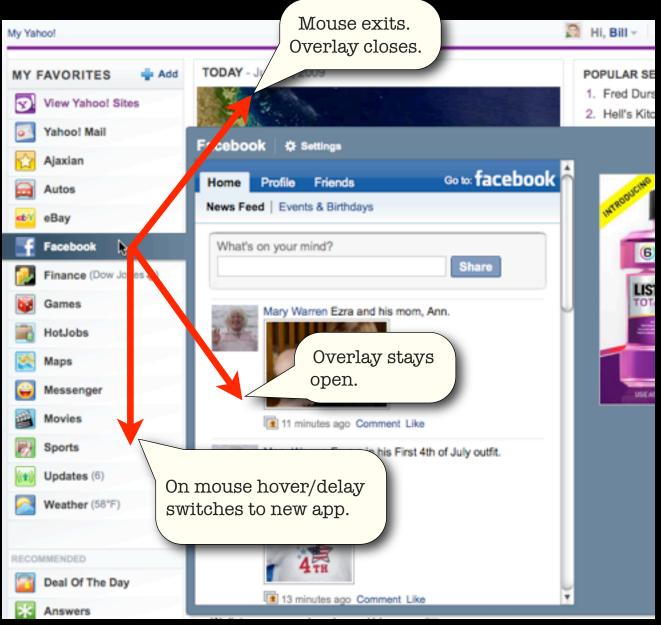
ion: No report required; dispatch record only

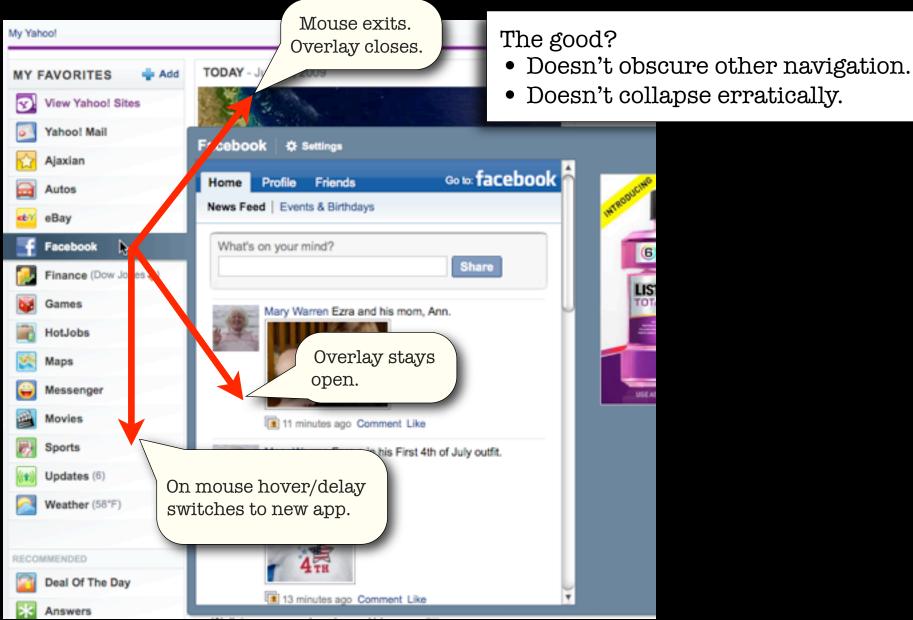
sition: Canoeled event

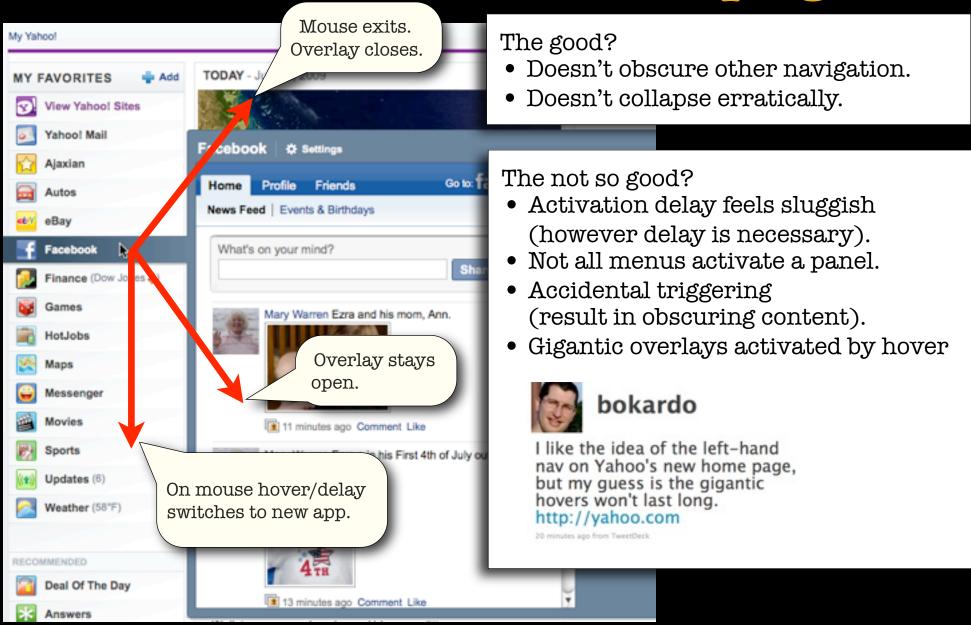


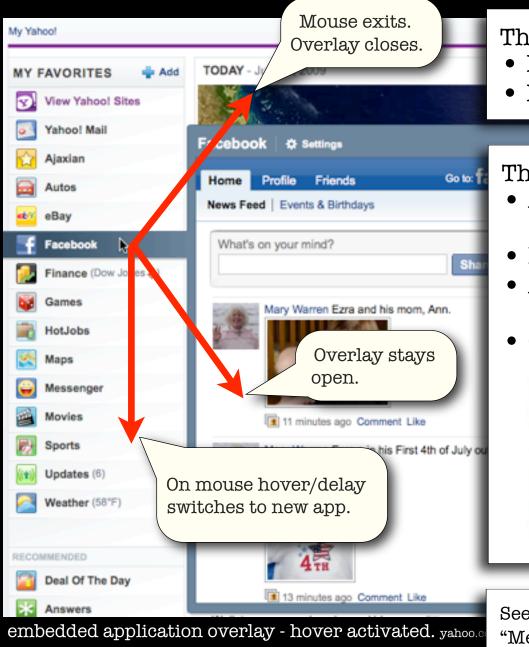












The good?

- Doesn't obscure other navigation.
- Doesn't collapse erratically.

The not so good?

- Activation delay feels sluggish (however delay is necessary).
- Not all menus activate a panel.
- Accidental triggering (result in obscuring content).
- Gigantic overlays activated by hover



#### bokardo

I like the idea of the left-hand nav on Yahoo's new home page, but my guess is the gigantic hovers won't last long. http://yahoo.com

20 minutes ago from TweetDeck

See also: Jakob Nielsen's research on

"Mega Menus": http://tr.im/twnC







# Spot the differences

# Spot the differences



# Now try again...

# Now try again...



# Now try again...



# WHITESTONE

#### THE CHEESE SHO

HOME

**ONLINE SHOP** 

PRODUCT RANGE

THE STORY

NEWS

**FACTORY & CAFE** 

CHEESE FAQ

CONTACT



BROWSE PRODUCTS



ALL PRODUCTS

SOFT WHITE CHEESE

SHEEPS MILK CHEESE

PRESSED CHEESE

FRESH CHEESE

COWS FETA

BLUE CHEESE

GIFT PACKS

MERCHANDISE

GOATS MILK CHEESE



BRIE

Rounds \$17.50

An unstabilised brie, this is a living cheese that ripens with ageing.



Rounds





MT DOMET DOUBLE CREAM BRIE

Rounds \$18.25

Named after one of North Otagos highest mountains, this unstabilised



Rounds





WAITAKI CAMEMBERT

Rounds \$36.00

The full and rich flavour of Waitaki Camembert captures the



Rounds





Links



#### THE CHEESE SHO

HOME

**ONLINE SHOP** 

PRODUCT RANGE

THE STORY

NEWS

FACTORY & CAFE

CHEESE FAQ

CONTACT



BROWSE PRODUCTS

VIEW CART

ALL PRODUCTS

SOF

Keep the moments within the page.

Sugar To the last

PRESSED CHEESE

FRESH CHEESE

COWS FETA

BLUE CHEESE

GIFT PACKS

MERCHANDISE

GOATS MILK CHEESE

cheese that ripens with ageing.



Rounds





MT DOMET DOUBLE CREAM BRIE

Rounds \$18.25

Named after one of North Otagos highest mountains, this unstabilised



Rounds





WAITAKI CAMEMBERT

Rounds \$36.00

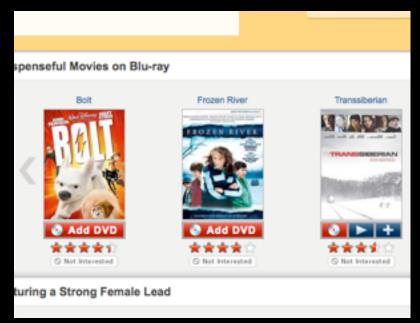
The full and rich flavour of Waitaki Camembert captures the



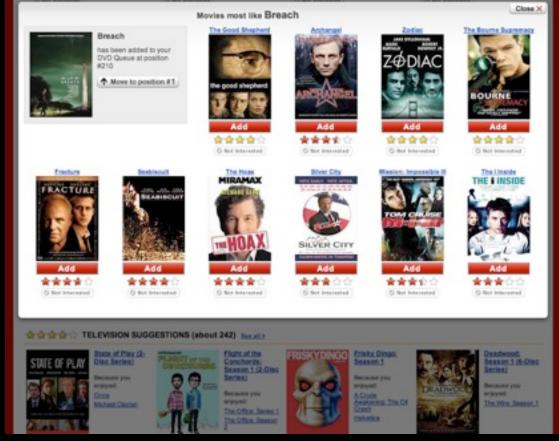
Rounds



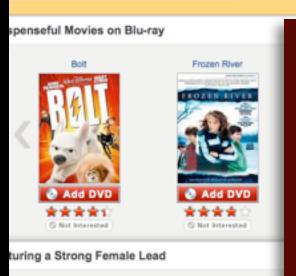




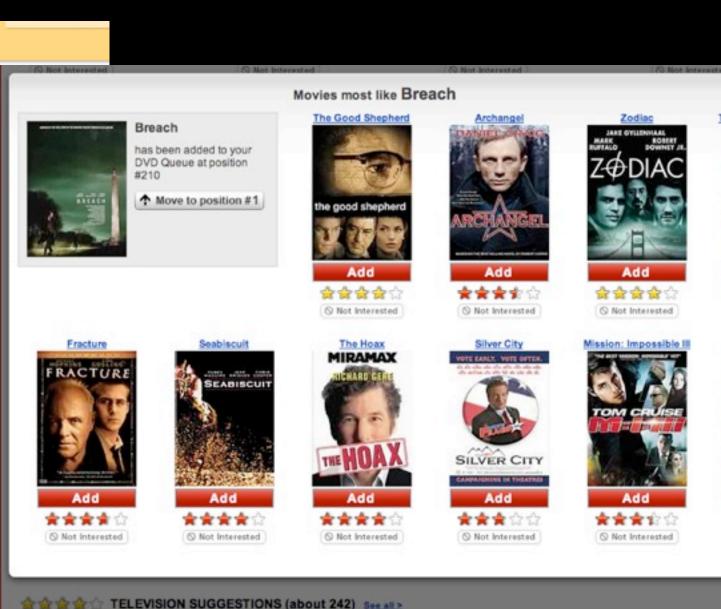
hover details. netflix.com



hover dialog. netflix.com



hover details. netflix.com



Flight of the

Series)

Season 1 (2-Disc

Frisky Dingo:

Season 1

Because you

State of Play (2-

Because you

hover dialog. netflix.com

spenseful Movies on Blu-ray

Wait 1/2 second to activate hover details.





#### Breach

has been added to your DVD Queue at position

↑ Move to position #1



wies most like Breach

















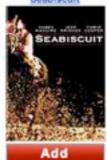
hover details. netflix.com

Fracture





#### Seabiscult





# The Hoax MIRAMAX







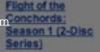


Not Interested

TELEVISION SUGGESTIONS (about 242) See all >



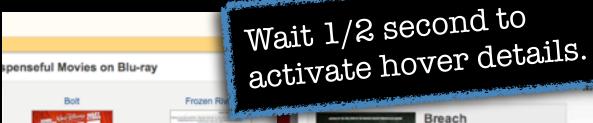
hover dialog. netflix.com





Frisky Dingo: Season 1 Because you





wies most like Breach

Immediately deactivate hover details on mouse exit.

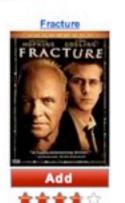
The Good Shepherd has been added to your DVD Queue at position ↑ Move to position #1

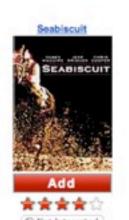


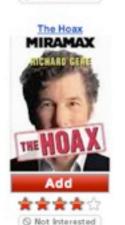




hover details. netflix.com

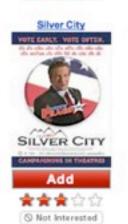




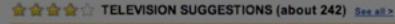


Flight of the

Series)







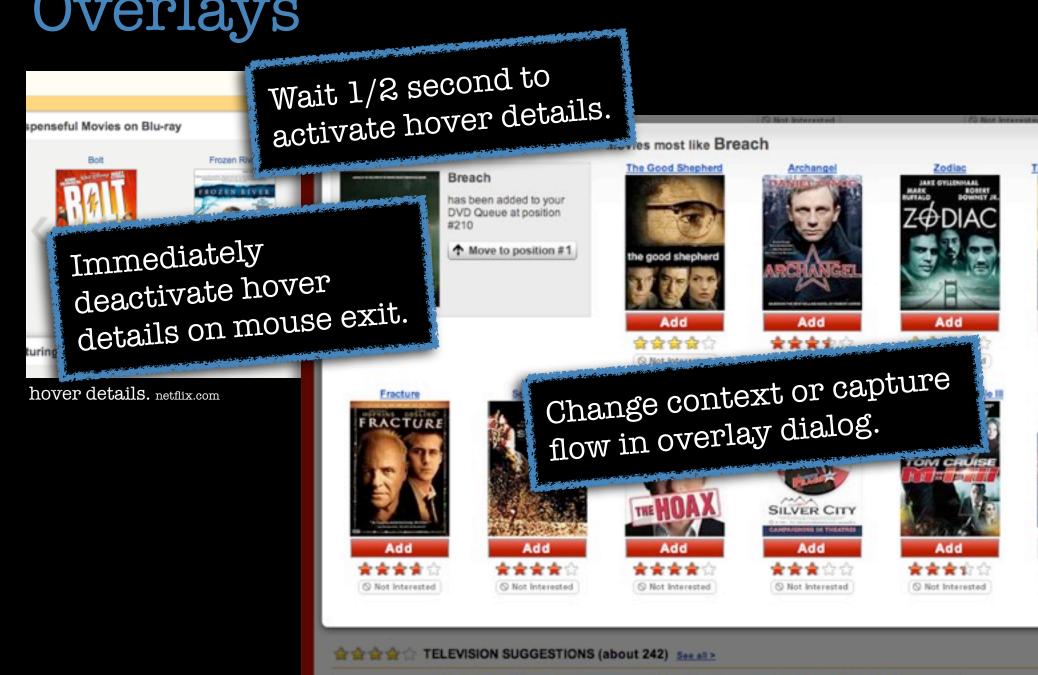












hover dialog. netflix.com

Because you

#### Anti-Pattern: Idiot Boxes

#### Yelp Food brought to you by MGD 64



#### Mi Tierra Foods

🚰 🚰 🚰 🦳 based on 35 reviews 📰 Rating Details »

Categories: Grocery, Specialty Food, Mexican [Edit]

2082 San Pablo Avenue

(between Addison St & University Ave)

Berkeley, CA 94702

(510) 540-8946

Price Range: \$

Good for Kids: Yes

Take-out: Yes

Outdoor Seating: No

Accepts Credit Cards: Yes

Attire: Casual

Takes Reservations: No.

Waiter Service: No. Good for: Lunch



Add Photos

Parking: Street, Private Lot

Good for Groups: No

Delivery: No

Wheelchair Accessible: Yes

Alcohol: None

















#### Anti-Pattern: Idiot Boxes



anti-pattern. idiot box. yahoo! photos

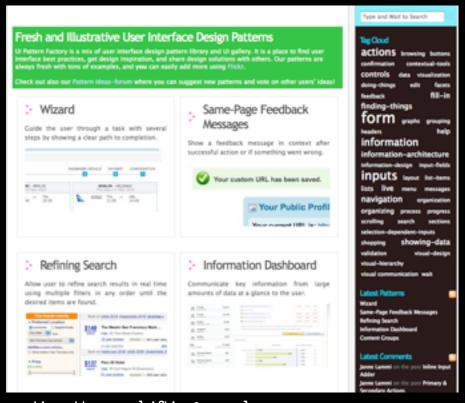
#### Anti-Pattern: Idiot Boxes



anti-pattern. idiot box. yahoo! photos



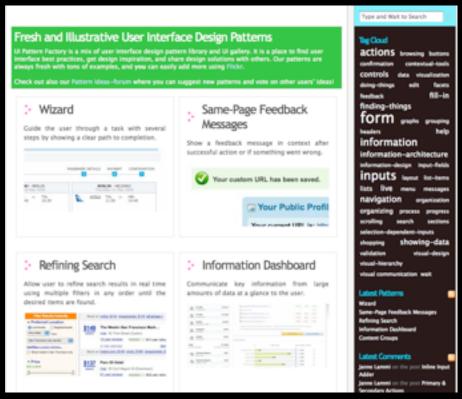
anti-pattern. shifting overlay. ui-patterns.com





anti-pattern. shifting overlay. ui-patterns.com

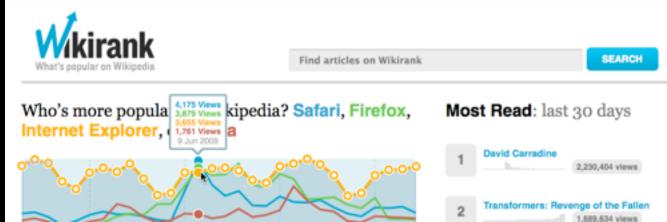
better implementation of shifting overlay. instructables



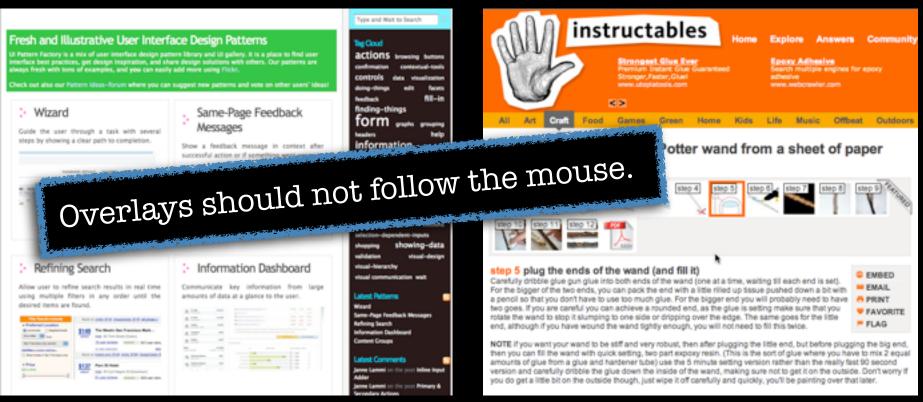


anti-pattern. shifting overlay. ui-patterns.com

better implementation of shifting overlay. instructables

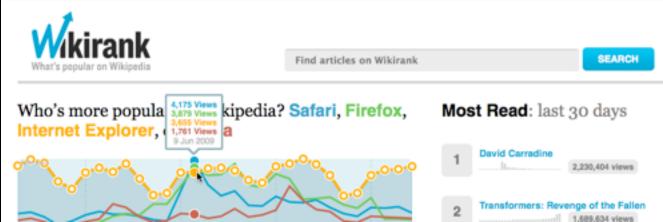


anti-pattern. shifting overlay. wikirank

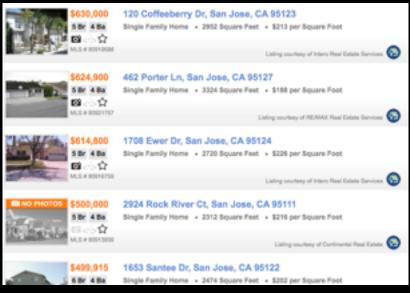


anti-pattern. shifting overlay. ui-patterns.com

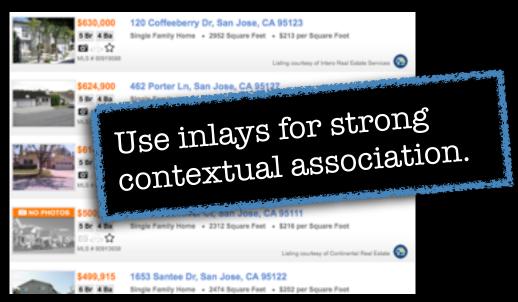
better implementation of shifting overlay. instructables



anti-pattern. shifting overlay. wikirank



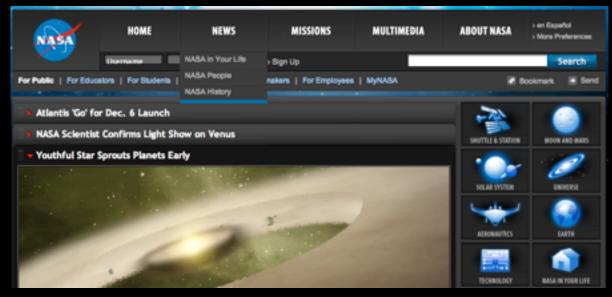
click activated inlay. roost.com



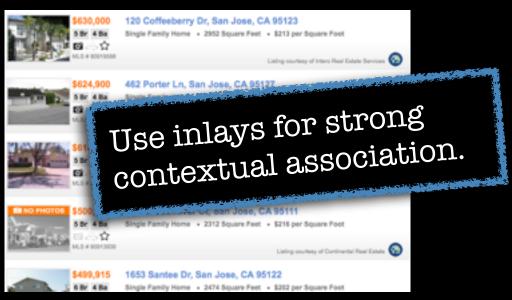
click activated inlay. roost.com



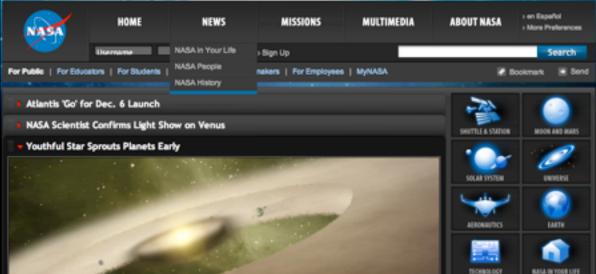
click activated inlay. roost.com



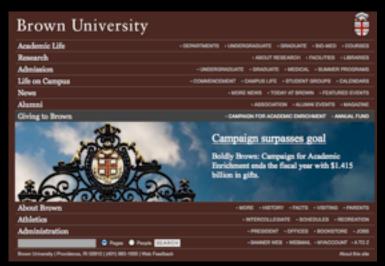
hover activated accordian. nasa.gov



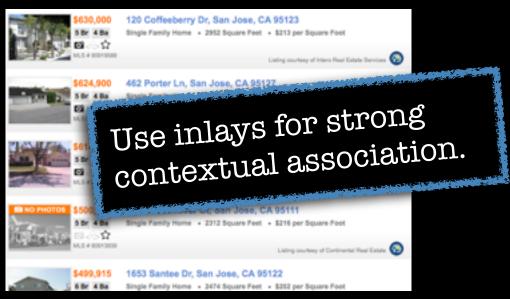
click activated inlay. roost.com



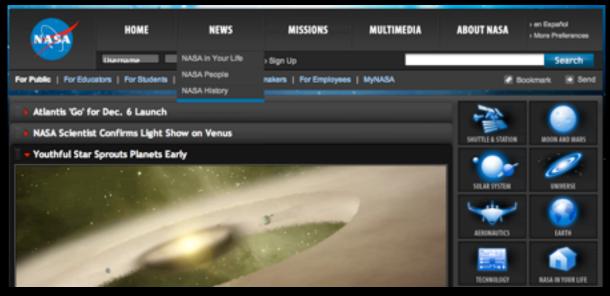
hover activated accordian. nasa.gov



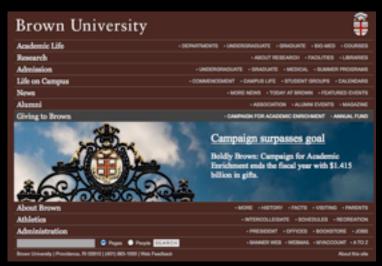
hover activated accordian. brown.edu



click activated inlay. roost.com



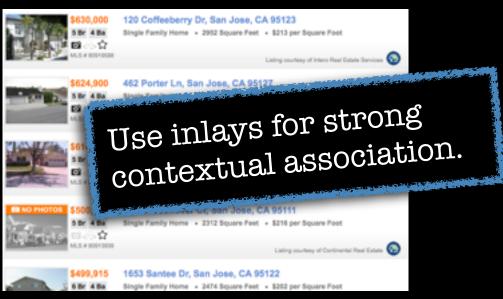
hover activated accordian. nasa.gov



hover activated accordian. brown.edu



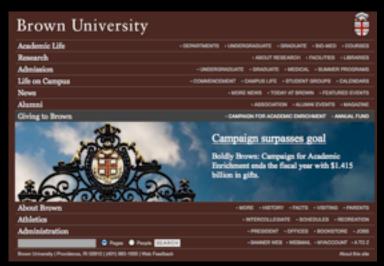
hover activated accordian. apple.com



click activated inlay. roost.com



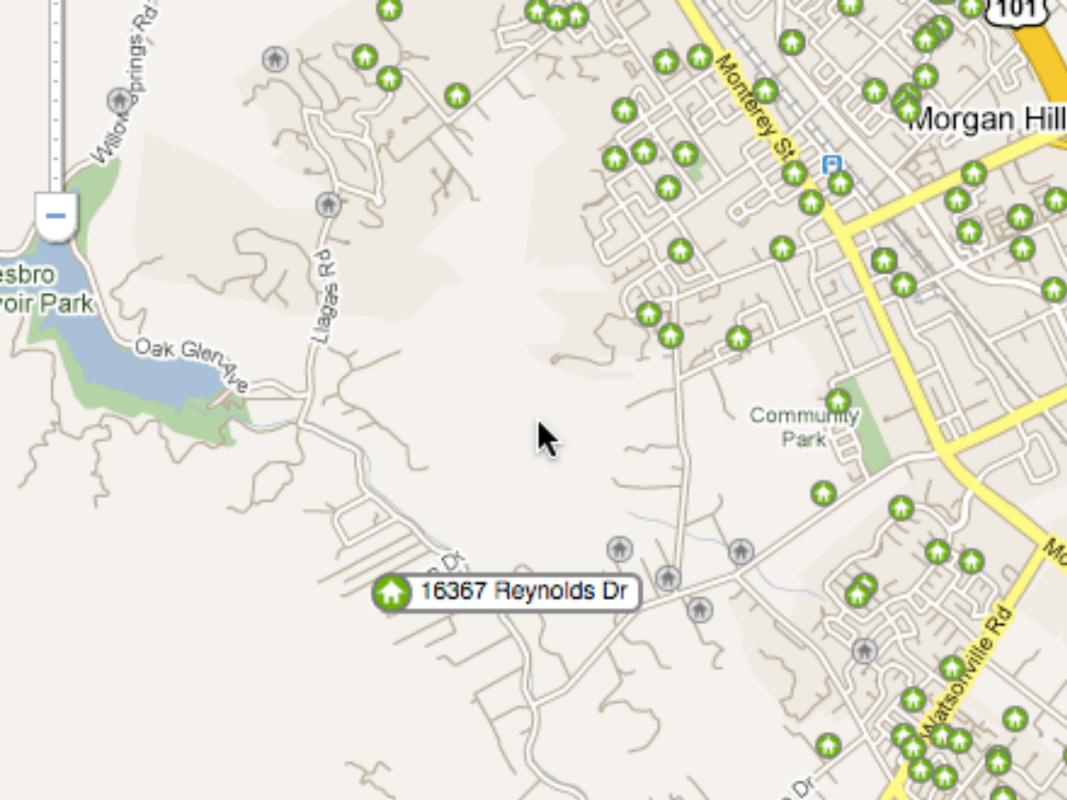
hover activated accordian. nasa.gov

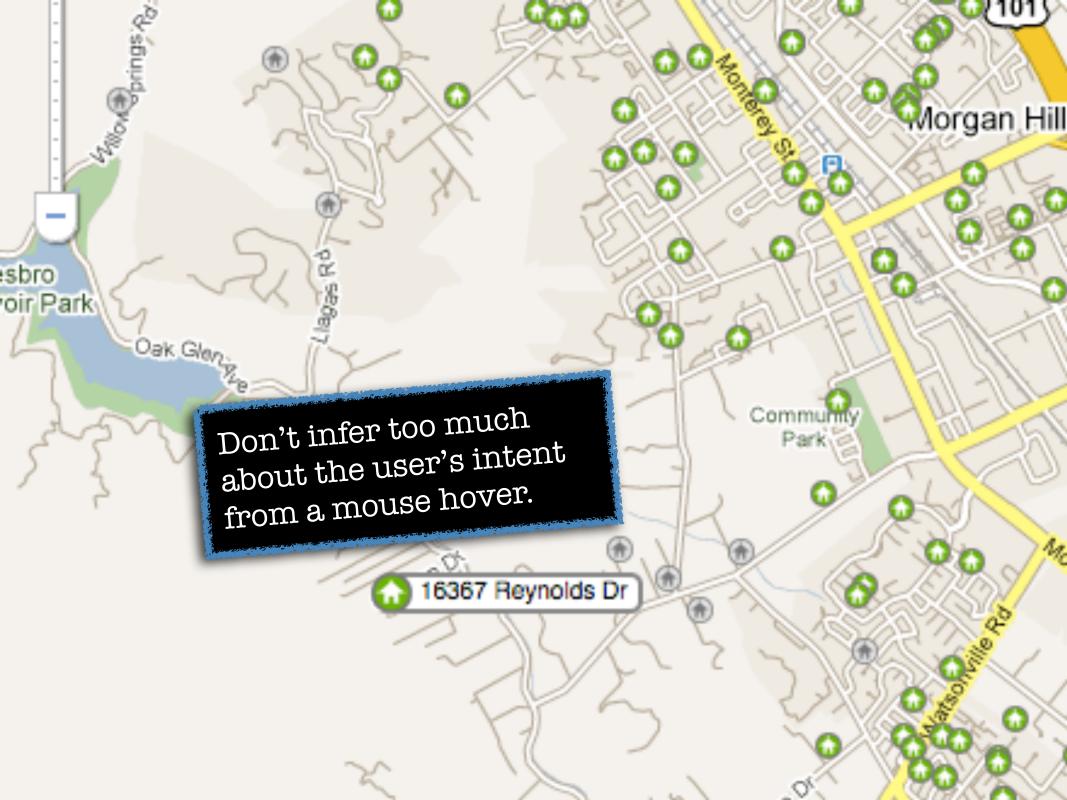


hover activated accordian. brown.edu

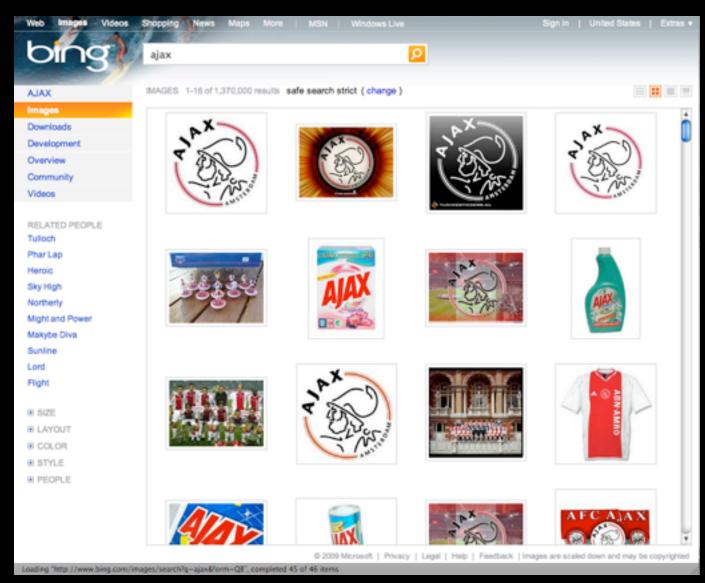


hover activated accordian. apple.com

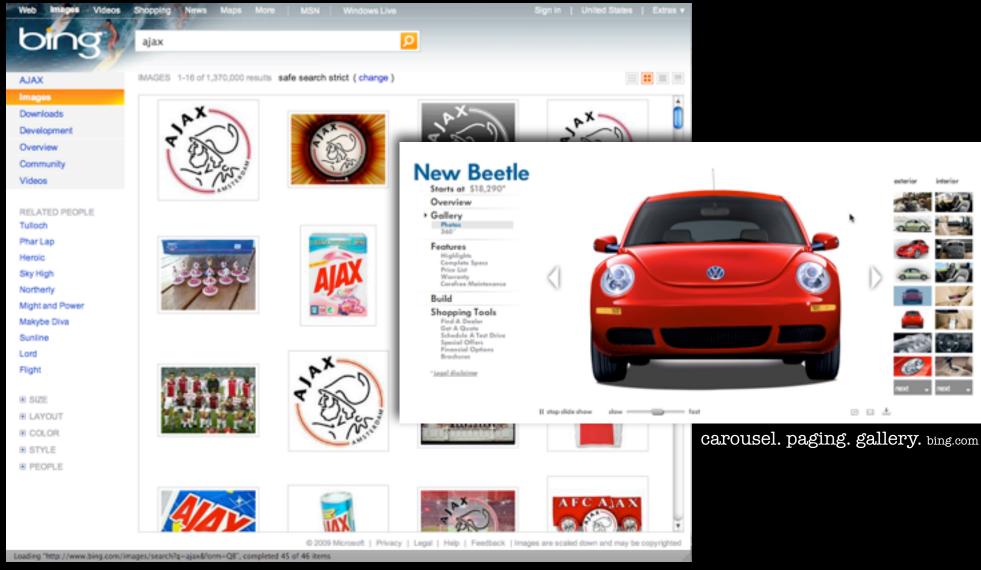




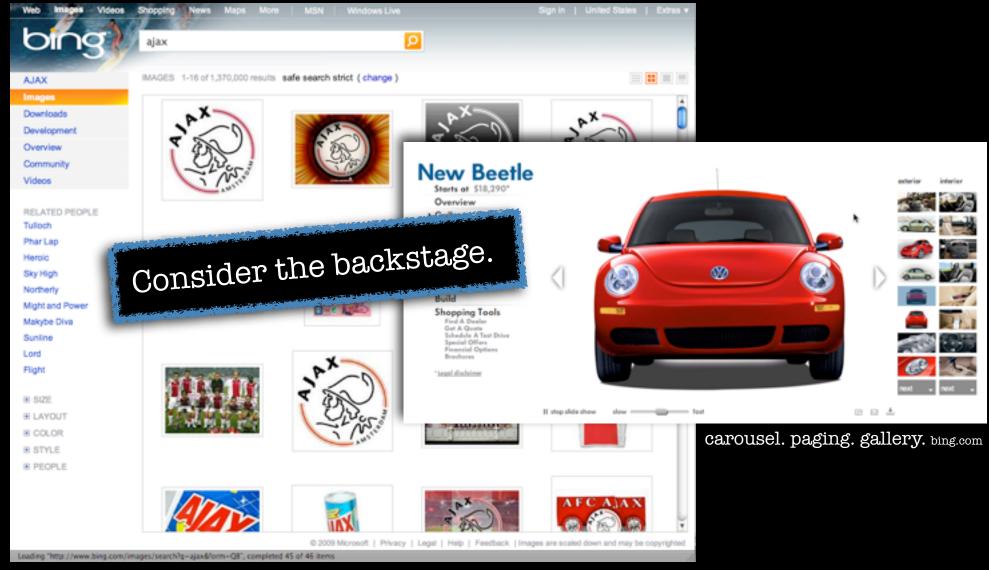
# Virtual Space



## Virtual Space

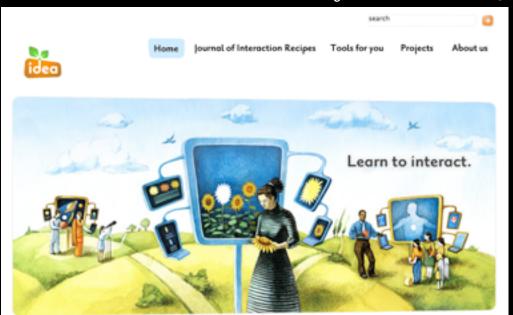


#### Virtual Space



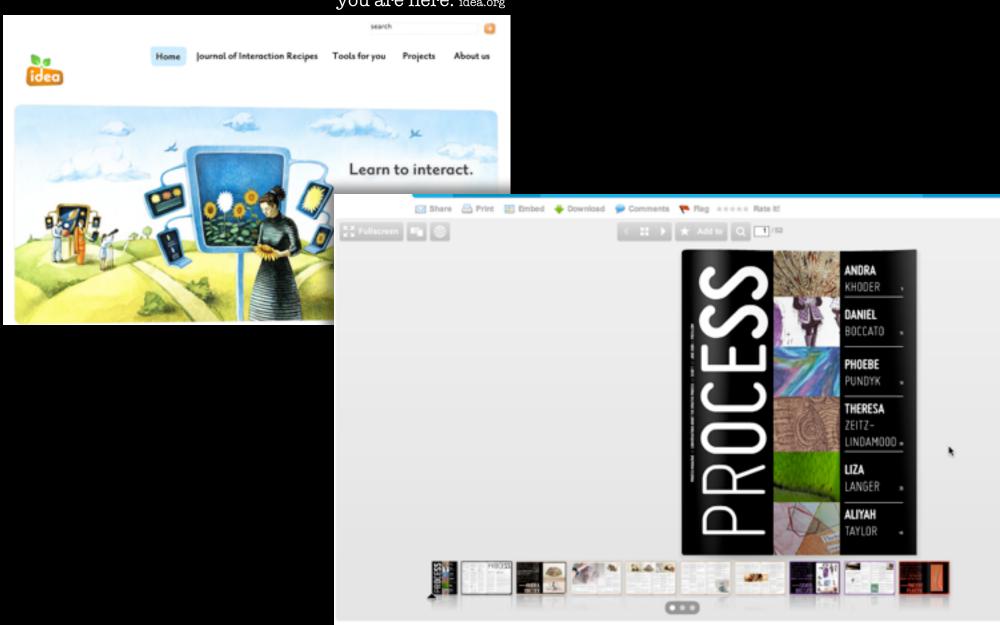
#### Seamless Context

you are here. idea.org



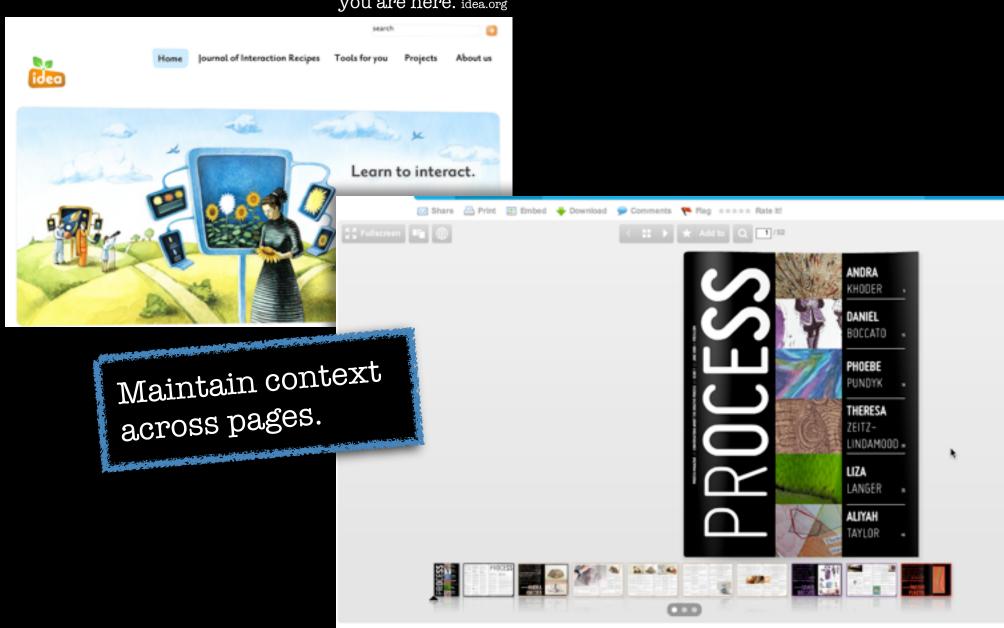
#### Seamless Context

you are here. idea.org

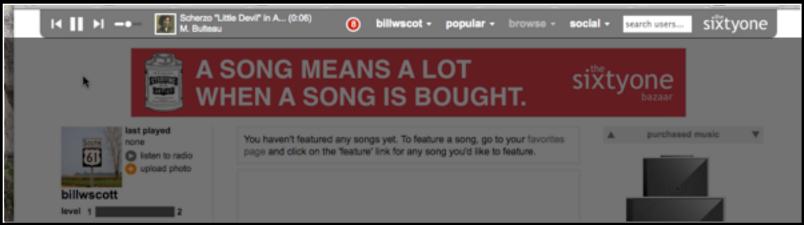


#### Seamless Context

you are here. idea.org



#### Nav Bars: Extend the moment

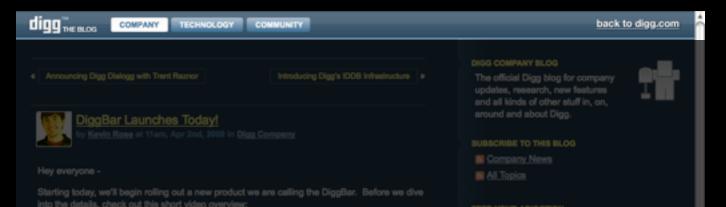


nav status bar. thesixtyone.com

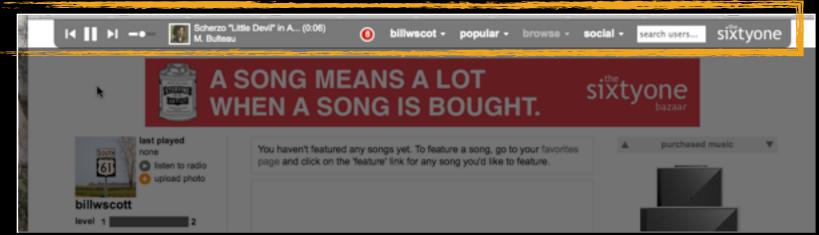


nav status bar. facebook.com

nav status bar. digg.com



#### Nav Bars: Extend the moment

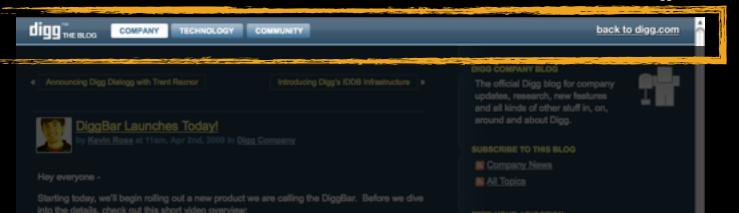


nav status bar. thesixtyone.com

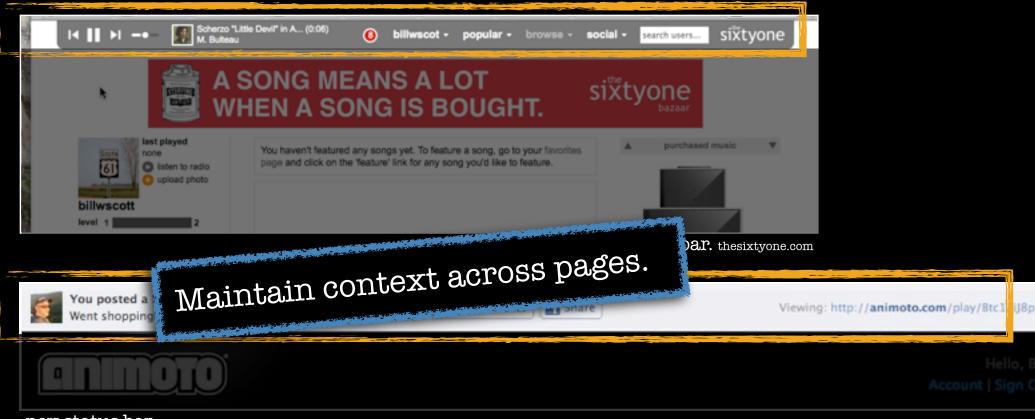


nav status bar. facebook.com

nav status bar. digg.com

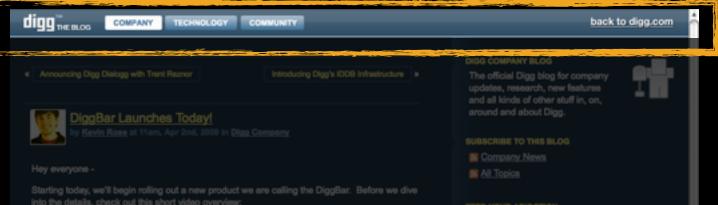


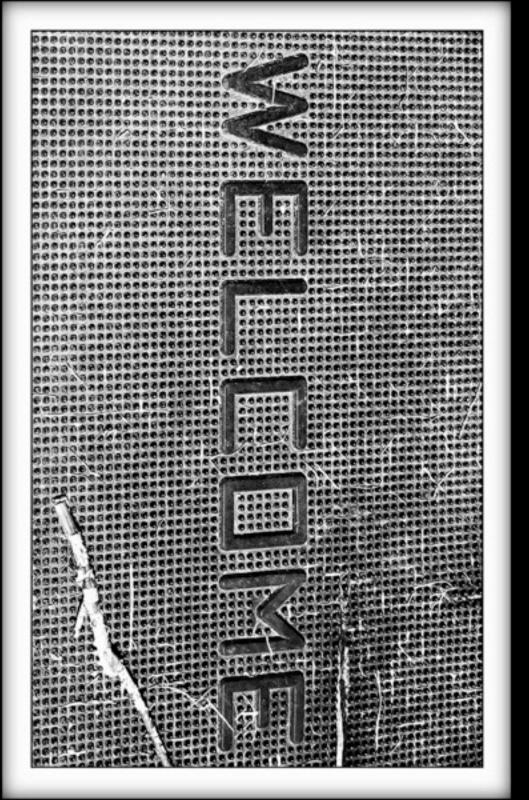
#### Nav Bars: Extend the moment



nav status bar. facebook.com

nav status bar. digg.com





Invite interaction.

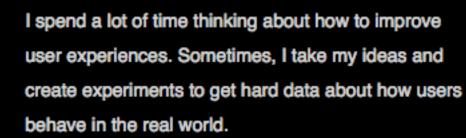


Hello average person,

# You should follow me on Twitter.

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

July 14, 2009



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

PERMUTATION CLICKTHROUGH

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

4.70%

PERMUTATION CLICKTHROUGH

"I'm on Twitter."

4.70%

PERMUTATION CLICKTHROUGH

"Follow me on twitter."

7.31%

"I'm on Twitter."

PERMUTATION

CLICKTHROUGH

CLICKTHROUGH

CLICKTHROUGH

Tollow me on twitter."

PERMUTATION

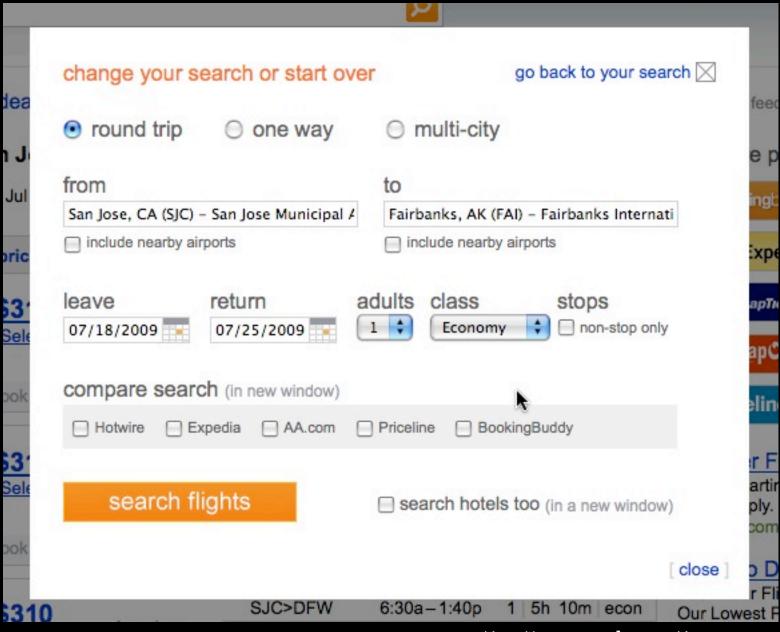
CLICKTHROUGH

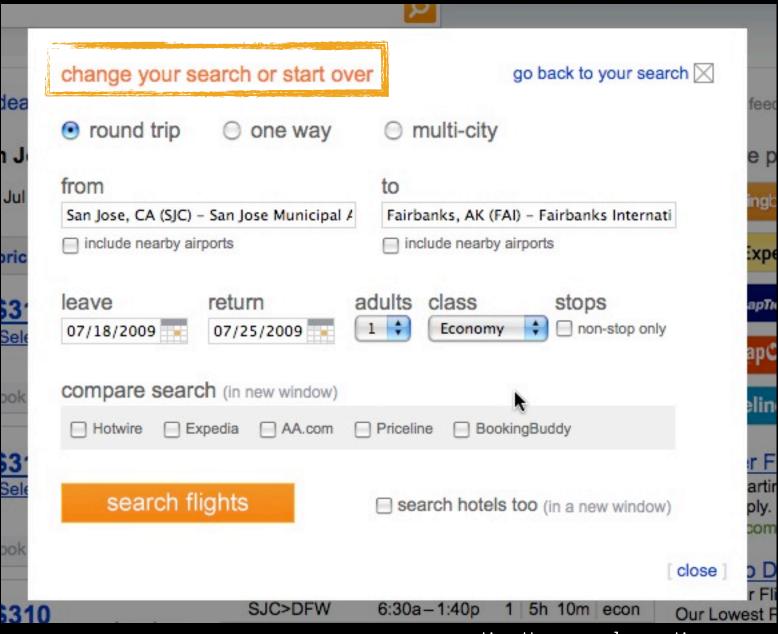
10.09%

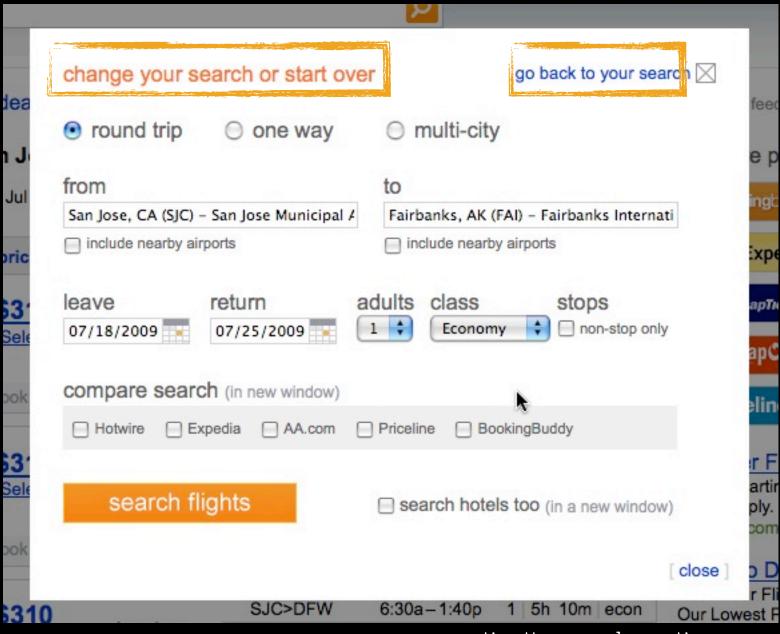
4.70% "I'm on Twitter." 7.31% "Follow me on twitter." 10.09% "You should follow me on twitter." 12.81% "You should follow me on twitter here."

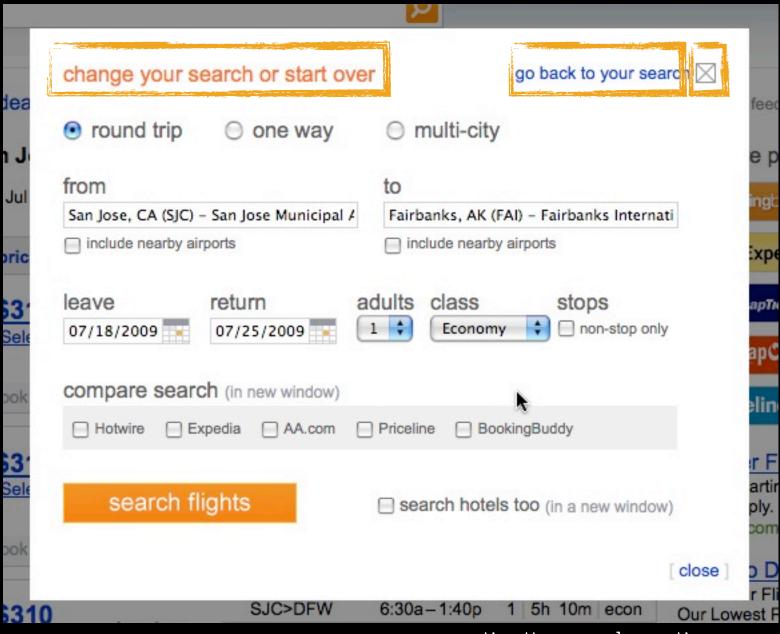
4.70% "I'm on Twitter." 7.31% "Follow me on twitter." 10.09% "You should follow me on twitter." 12.81% "You should follow me on twitter here."

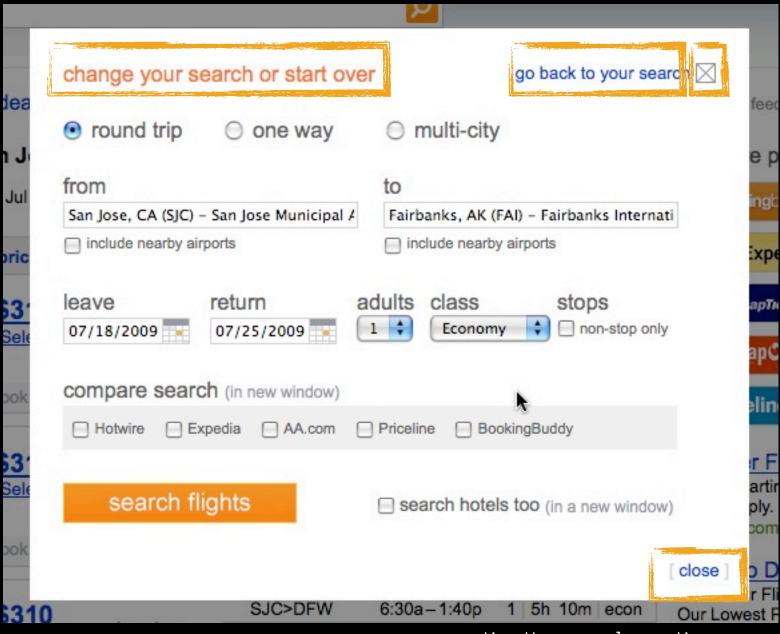
Use a clear call to action.

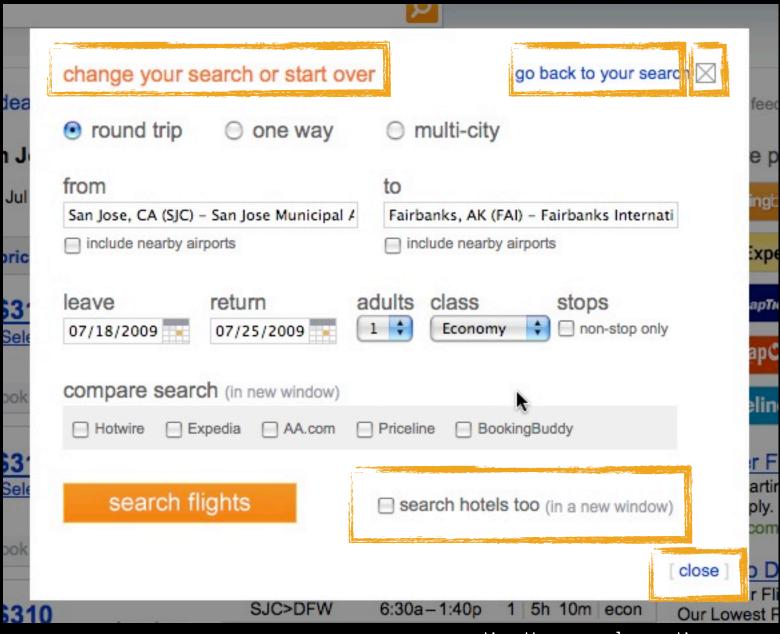


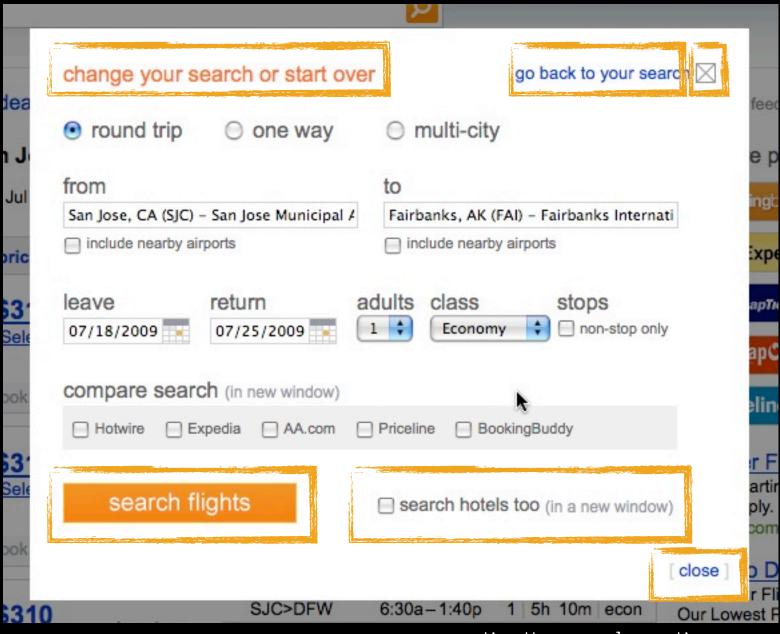


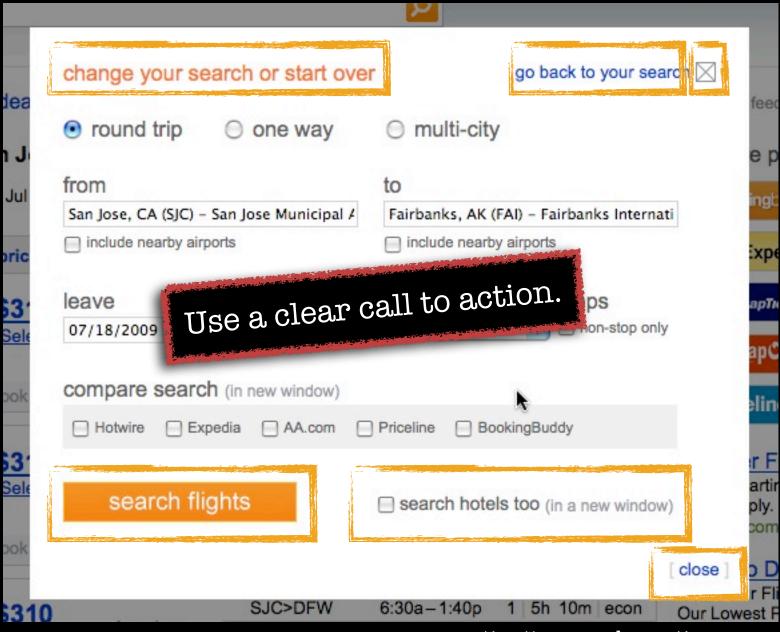




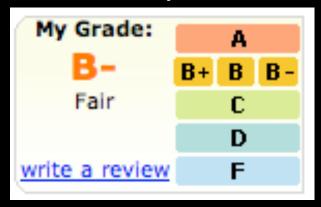




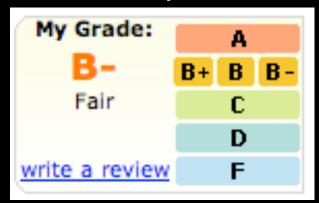




hover invitation. y!movies



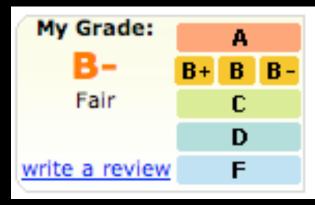
#### hover invitation. y!movies



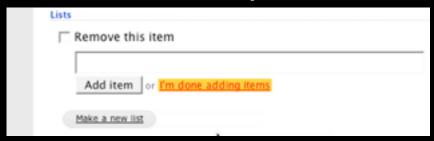


tooltip, hover & cursor invitation. flickr.com

#### hover invitation. y!movies



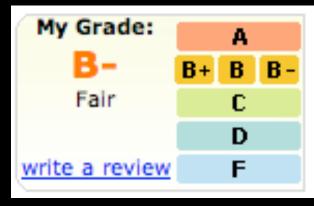
#### hover & tool invitation. backpackit





tooltip, hover & cursor invitation. flickr.com

#### hover invitation. y!movies

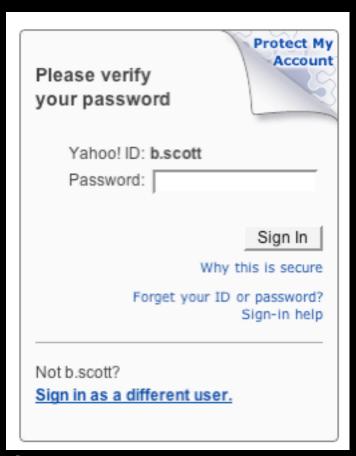


#### hover & tool invitation. backpackit

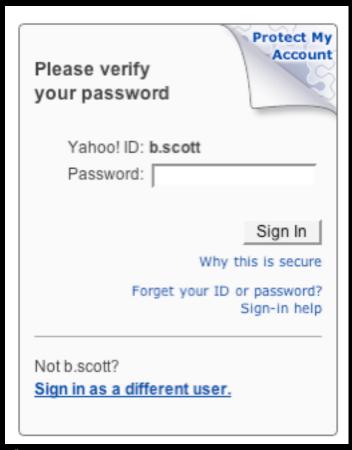


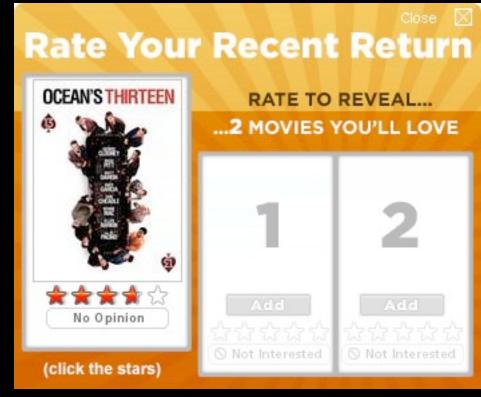


tooltip, hover & cursor invitation. flickr.com



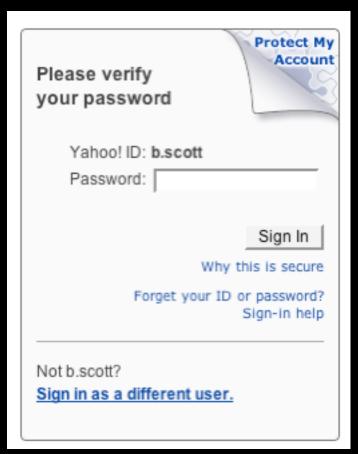
dog-ear invitation. login.yahoo.com



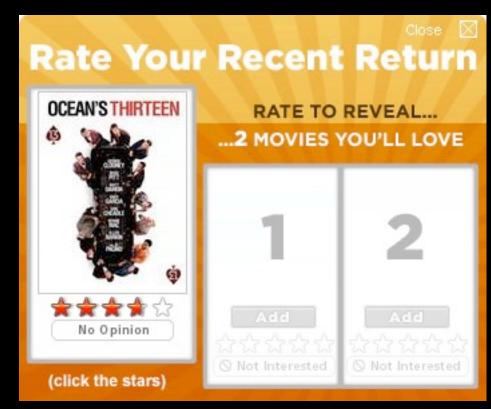


fill-in-the-blanks invitation. netflix

dog-ear invitation. login.yahoo.com



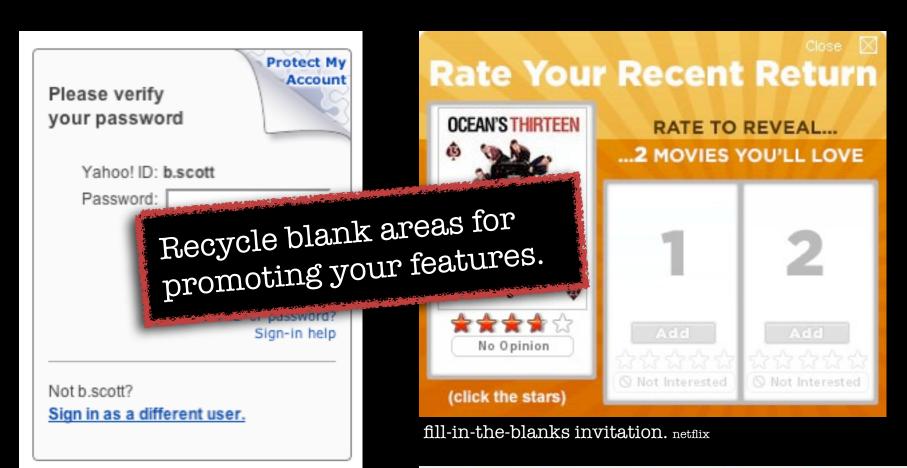
dog-ear invitation. login.yahoo.com



fill-in-the-blanks invitation. netflix



blank-slate invitation. backpackit



dog-ear invitation. login.yahoo.com

Add a List. Note. Writeboard. Divider. or add Tags

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Use these links to fill your page. Need inspiration or a tutorial?

#### Tour Invitation



tour invitation. gmail

#### Tour Invitation



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Search

Web Images Video Audio Directory Local News Shopping

Search

Web Search

Valued Answers Ask a question | Answer questions

Figurial and the search

Valued Answers Ask a question | Answer questions

Figurial and the search

Valued Answers Ask a question | Answer questions

Figurial and the search

Valued Answers Ask a question | Answer questions

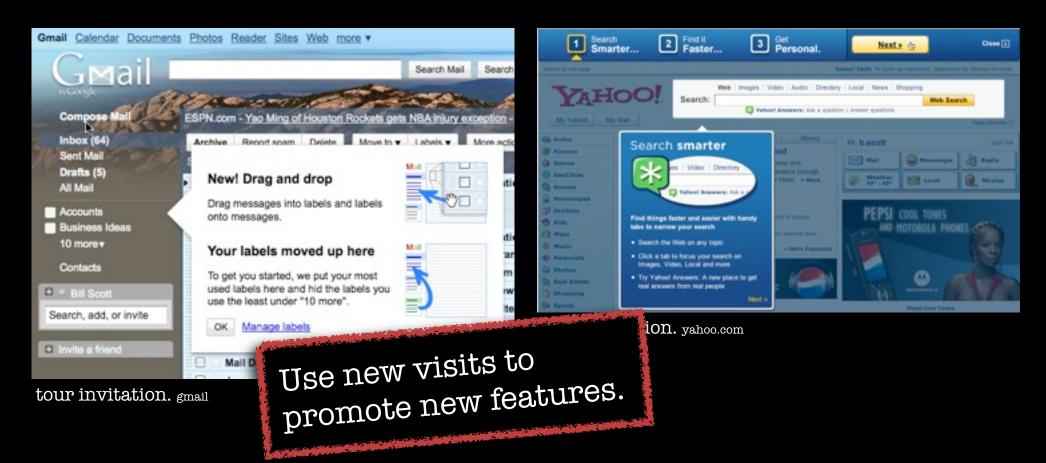
Figurial answers Ask and answer questions

Figurial answe

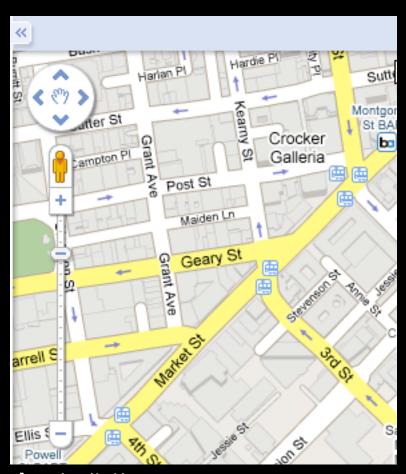
tour invitation. yahoo.com

tour invitation. gmail

#### Tour Invitation

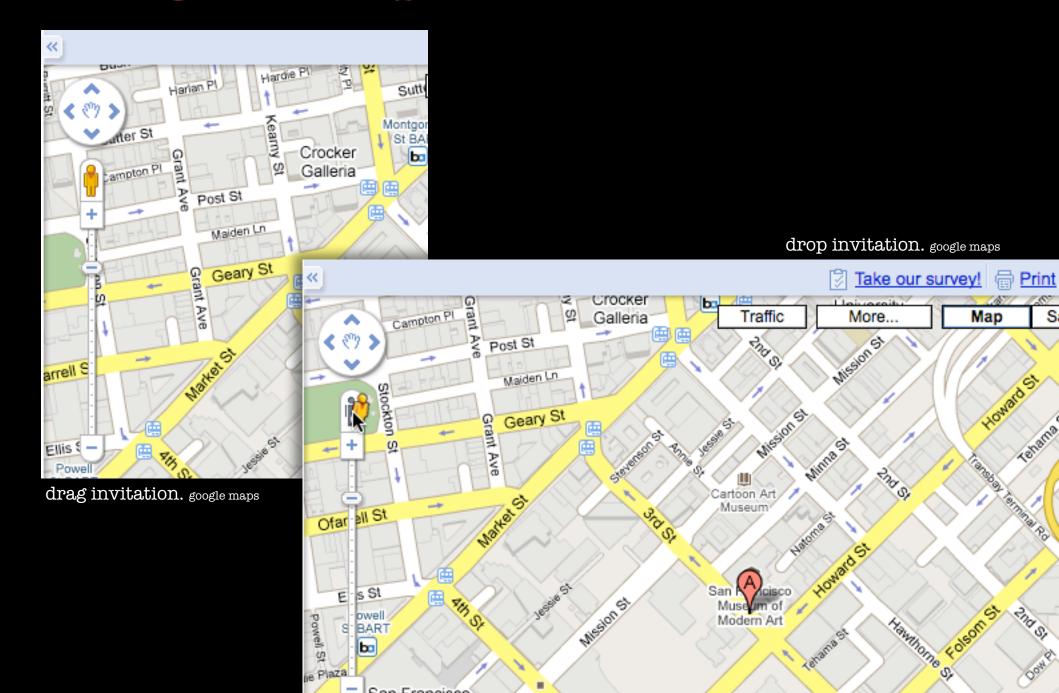


# Drag & Drop Invitation

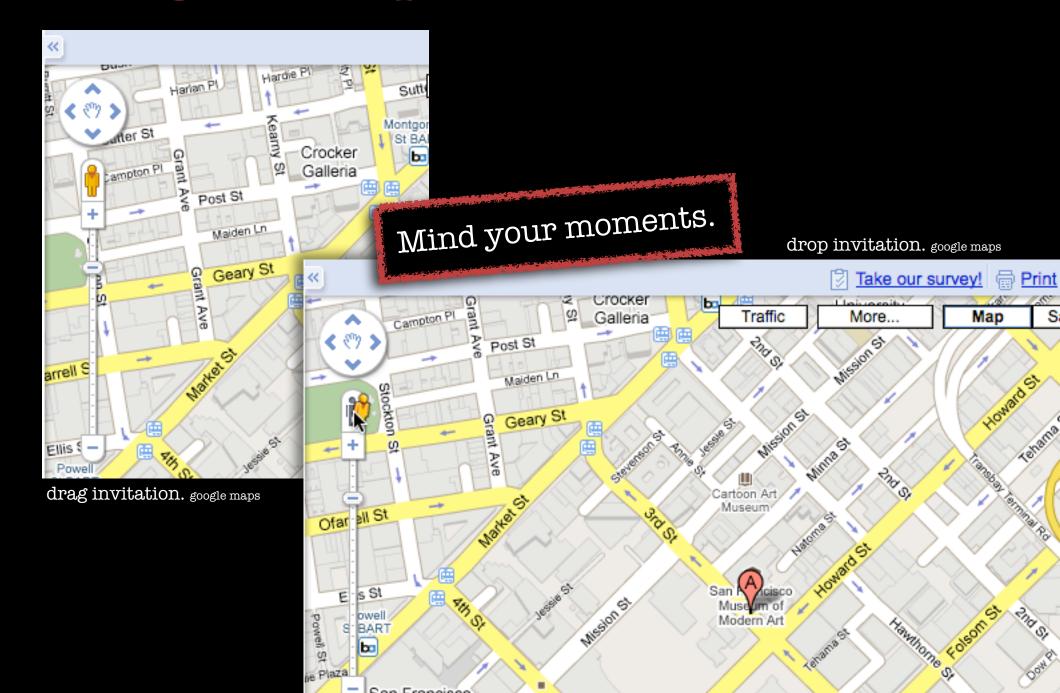


drag invitation. google maps

# Drag & Drop Invitation



# Drag & Drop Invitation





What are you doing right now?

facebook.com



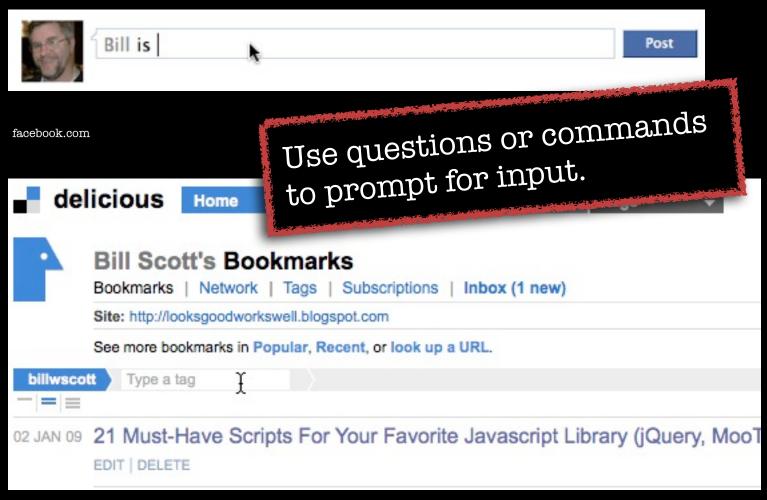
facebook.com



facebook.com



delicious.com



delicious.com

#### Standard Fit



Standard fit (lightweight denim) jeans \$54.50



Standard fit (aged blue wash) jeans \$49.50



Standard fit (medium wash) jeans \$59.50

button. the gap

#### Standard Fit



Standard fit (lightweight denim) jeans \$54.50



Standard fit (aged blue wash) jeans \$49.50



Standard fit (medium wash) jeans \$59.50

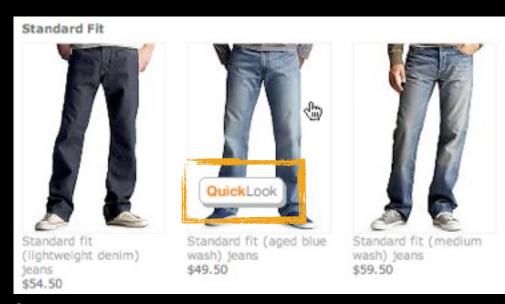
button. the gap

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

button. the gap



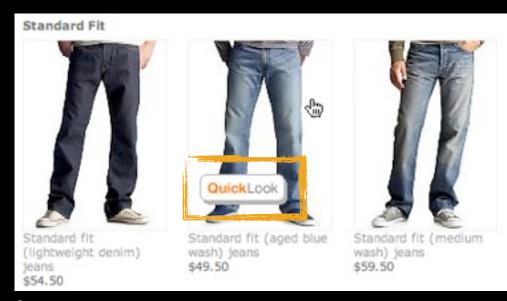
hyperlink. backpackit



button. the gap



hyperlink. backpackit



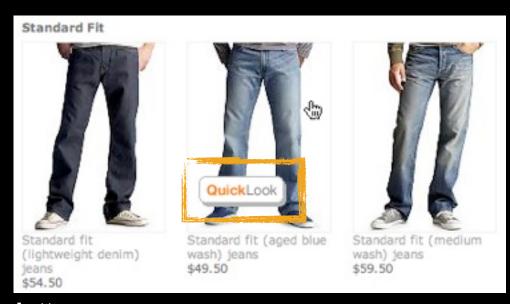
button. the gap



hyperlink. backpackit



drop down arrow. flickr



button. the gap



hyperlink. backpackit



drop down arrow. flickr



Standard fit (lightweight denim) jeans \$54.50

button. the gap

Standard fit (aged blue wash) jeans

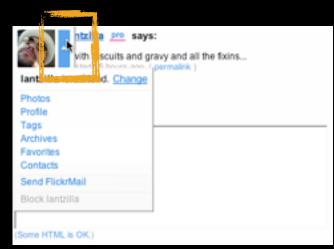
\$49.50



Pick Up at the Store Milk Orange Juice Tomatoes Lettuce Bread Chips

hyperlink. backpackit

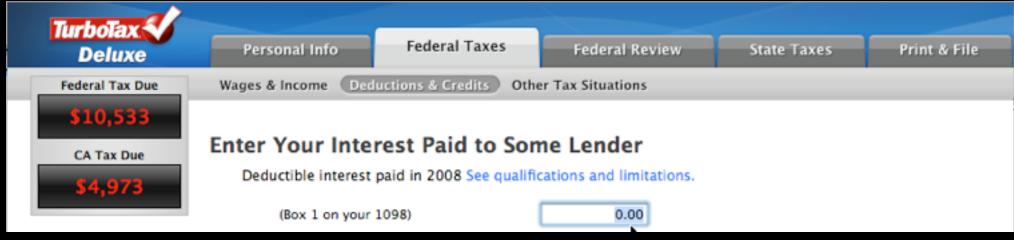
Bridge new interaction styles with familiar idioms.

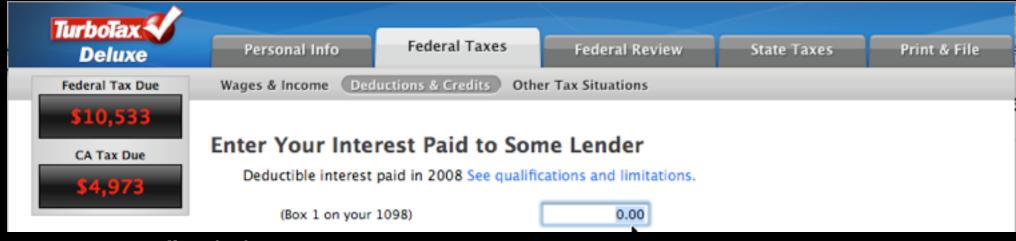


drop down arrow. flickr



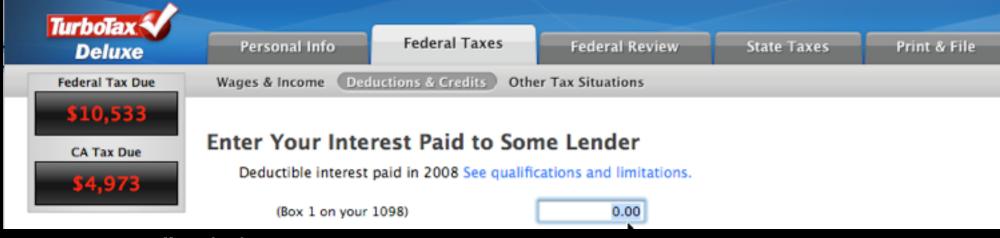
show transitions.







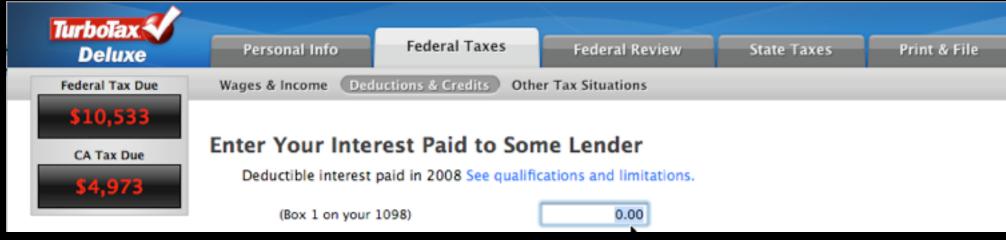
again in slow-motion...





again in slow-motion...







again in slow-motion...



# MINDHACKS

Tips & Tools for Using Your Brain



O'REILLY"

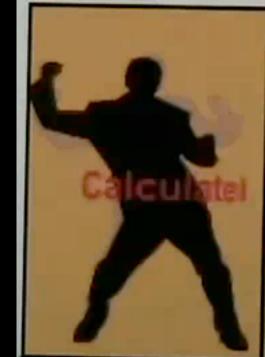
Tom Stafford & Matt Webb

Foreword by Steven Johnson, author of Mind Wide Open



Attention processing is hard-wired into the brain

It is chemistry. You can't help it.



# MINDHACKS

Tips & Tools for Using Your Brain

You can't help looking at "dancing" mortgage ads



O'REILLY'

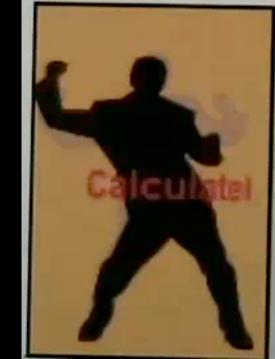
Tom Stafford & Matt Webb

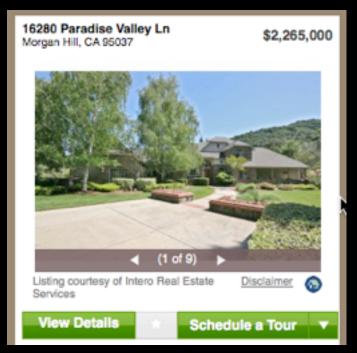
Foreword by Steven Johnson, author of Mind Wide Open



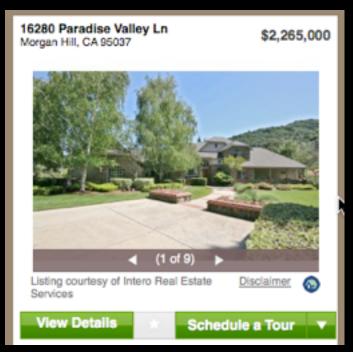
Attention processing is hard-wired into the brain

It is chemistry. You can't help it.

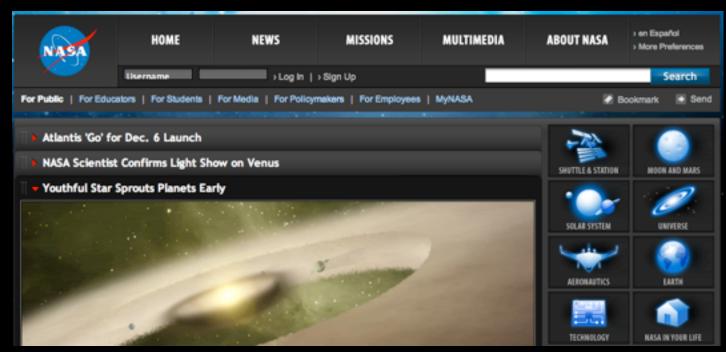




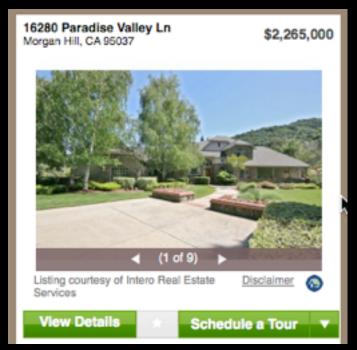
anti-pattern. needless fanfare. roost.com



anti-pattern. needless fanfare. roost.com



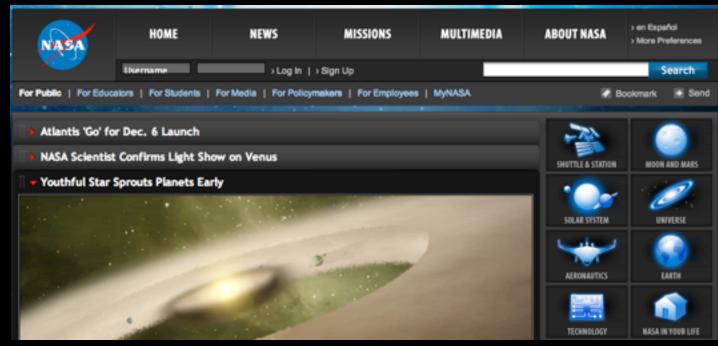
anti-pattern. needless fanfare. nasa.gov



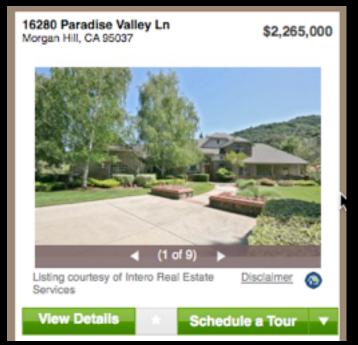


anti-pattern. needless fanfare. pbs.org

anti-pattern. needless fanfare. roost.com



anti-pattern. needless fanfare. nasa.gov





anti-pattern. needless fanfare. pbs.org

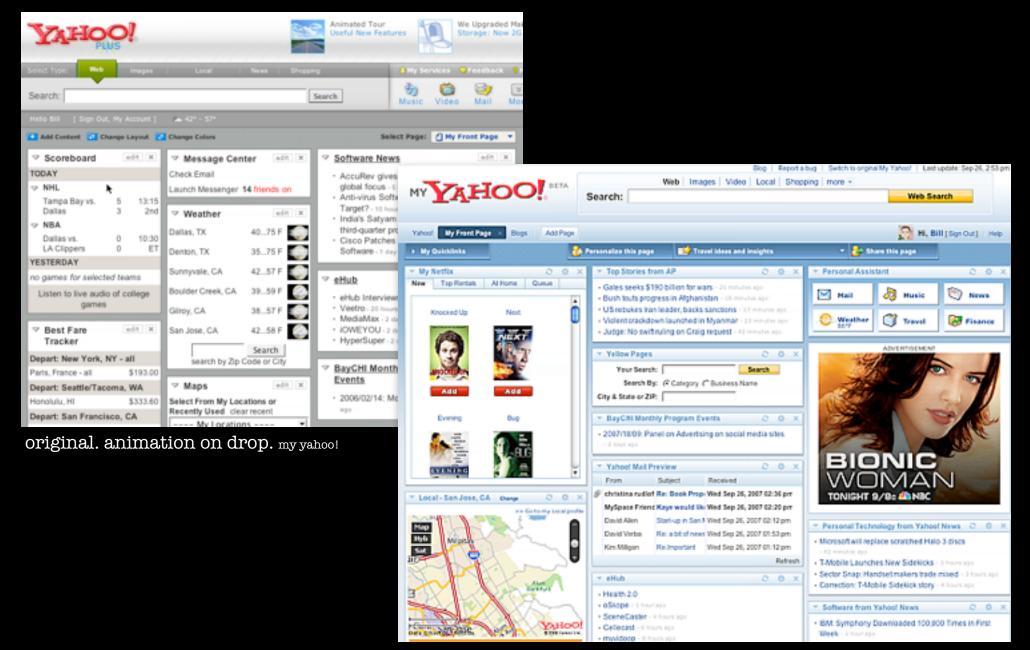
anti-pattern. needless fanfare. roost.com



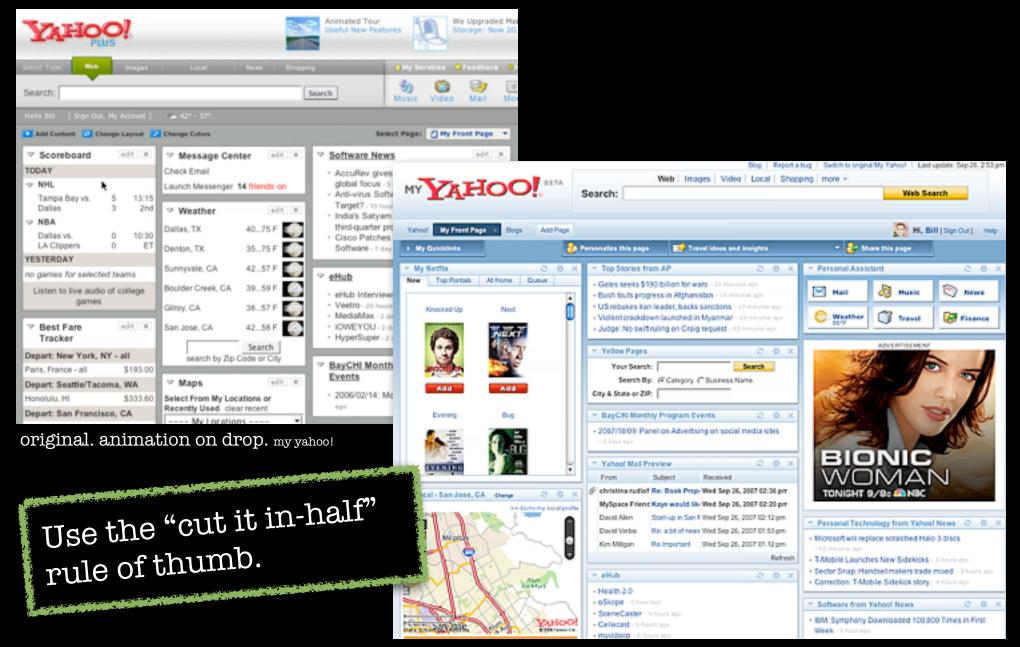
anti-pattern. needless fanfare. nasa.gov



original. animation on drop. my yahoo!



current. no animation on drop. my yahoo!



current. no animation on drop. my yahoo!

Connecting...

progress indicator



progress indicator



progress indicator





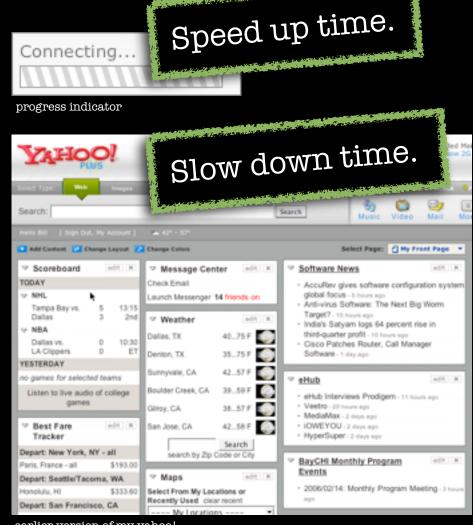


mint.com

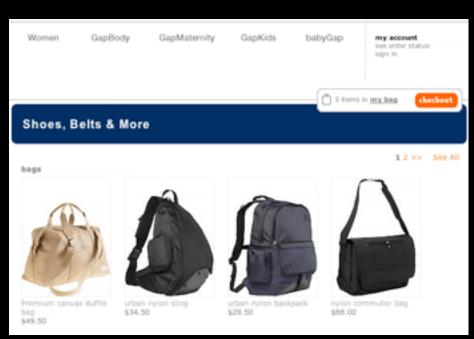




mint.com

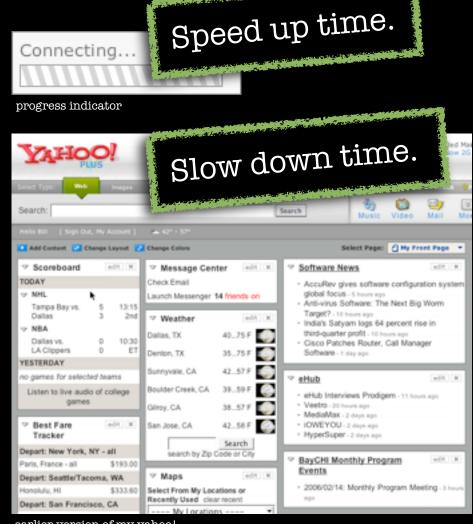






the gap

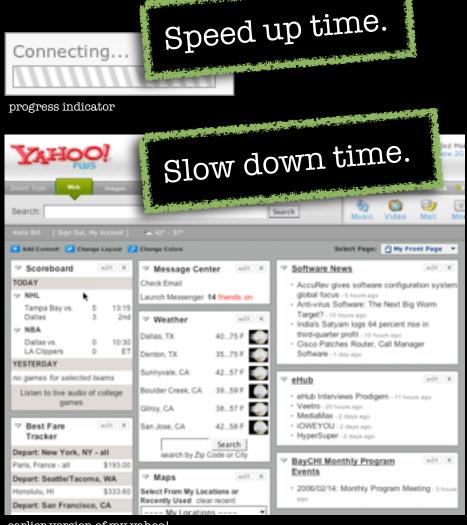
mint.com







the gap









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Search: Select Page: () Hy Front Page \* Software News · AccuRev gives software configuration system global focus - 5 hours ago aunch Messenger 14 friends on Anti-virus Software: The Next Big Worm Tampa Bay vs. Target? - 10 hours ago Dallas India's Satyam logs 64 percent rise in MBA 40\_75 F third-quarter profit - 10 hours ago Dallas, TX Dallas vs. Cisco Patches Router, Call Manager LA Clippers 35...75 F Software - 1 day ago Sunnyvale, CA to games for selected teams Boulder Creek, CA Listen to live audio of college eHub Interviews Prodigem - 11 hours ago games. Veetro - 20 hours ago Gillroy, CA 38\_57 F - MediaMax - 2 days ago Best Fare San Jose CA 42\_58 F - IOWEYOU - 2 days ago Tracker · HyperSuper - 2 days ago Search Depart: New York, NY - all search by Zip Code or City BayCHI Monthly Program Paris, France - all Depart: Seattle/Tacoma, WA 2006/02/14: Monthly Program Meeting - 3 host Honolulu, HI Select From My Locations or Recently Used clear recent Depart: San Francisco, CA earlier version of my yahoo!

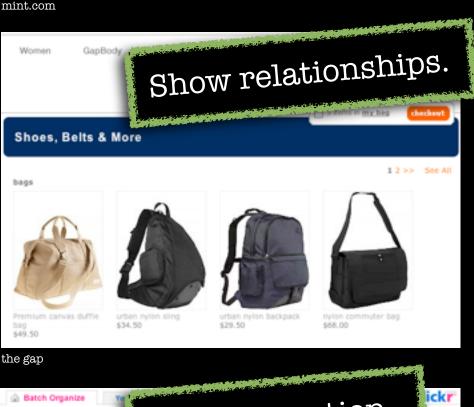
Speed up time.

Slow down time.

Connecting...

progress indicator





Focus attention.

flickr organizr

progress indicator Slow down time. Select Page: () Hy Front Page \* Message Center Software News · AccuRev gives software configuration system global focus - 5 hours ago aunch Messenger 14 friends on Anti-virus Software: The Next Big Worm Target? - 10 hours ago Dallas India's Satyam logs 64 percent rise in MBA 40\_75 F third-quarter profit - 10 hours ago Dallas, TX Dallas vs. Cisco Patches Router, Call Manager LA Clippers 35...75 F Software - 1 day ago Sunnyvale, CA o games for selected teams Boulder Creek, CA Listen to live audio of college eHub Interviews Prodigem - 11 hours ago Veetro - 20 hours ago Gilroy, CA 38\_57 F MediaMax - 2 days agr Best Fare San Jose CA 42\_58 F IOWEYOU - 2 days ago. Tracker HyperSuper - 2 days ago Search Depart: New York, NY search by Zip Code or City BayCHI Monthly Program Paris, France - all 2006/02/14: Monthly Program Meeting - 3 has Select From My Locations or Recently Used clear recent

Speed up time.

earlier version of my yahoo!

Connecting...



Be reactive.

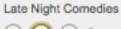
### **Late Night Comedies**

Not Interested

See All >

Based on your interest in National Lampoon's Pledge This! The Stoned Age Team America: World Police

Set this genre









Sometimes watch



#### Revenge of the Nerds: Panty Raid Edition













#### A Dirty Shame





experiment on home page

### **Late Night Comedies**

Not Interested

See All >

Based on your interest in

National Lampoon's Pledge This!

The Stoned Age

Team America: World Police

Set this genre

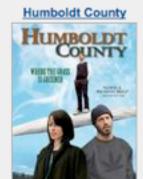
Late Night Comedies







Sometimes watch







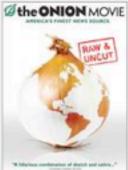
#### Revenge of the Nerds: Panty Raid Edition







## The Onion Movie







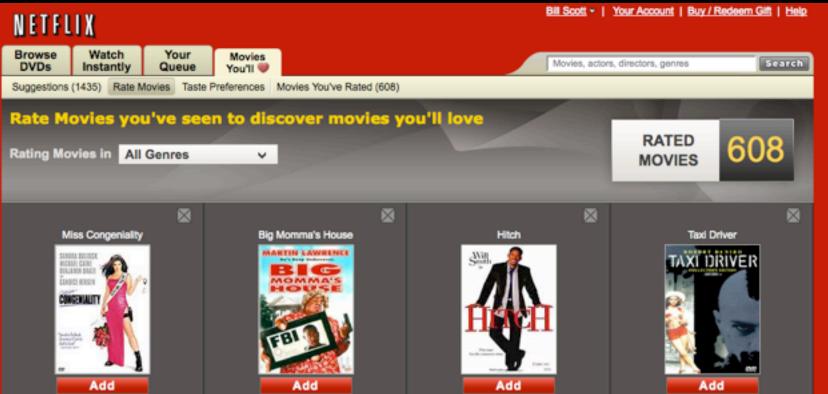
#### A Dirty Shame







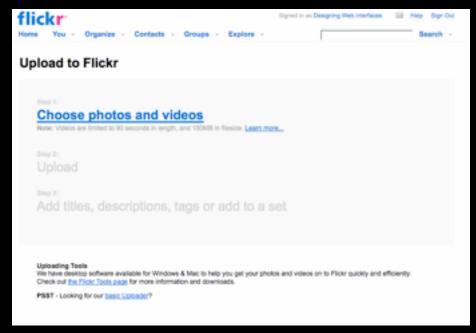
#### experiment on home page



dedicated area

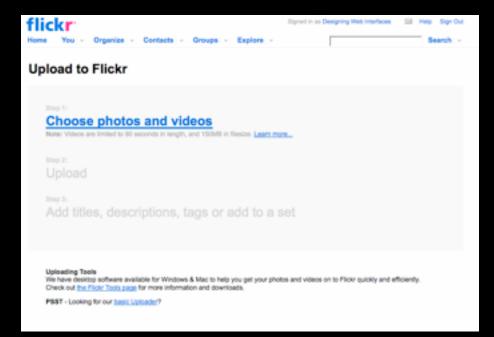




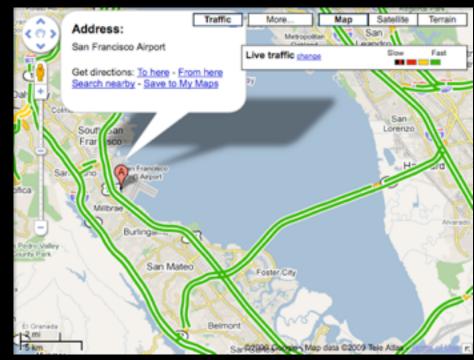


live feedback, flickr





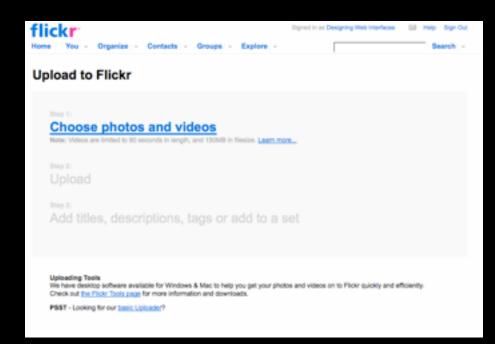
#### live feedback. flickr



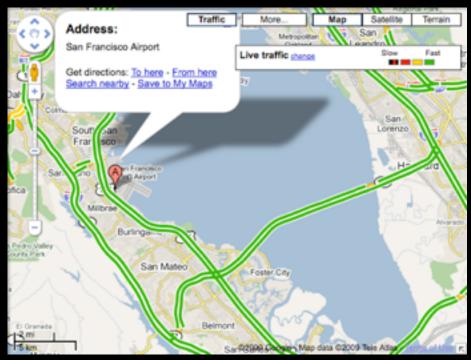
live feedback. google maps

Create a tight feedback loop with the user.





#### live feedback. flickr



live feedback. google maps

# Live Suggest



live suggest. google (early version)

## Live Suggest



live suggest. google (early version)



live suggest. yahoo search

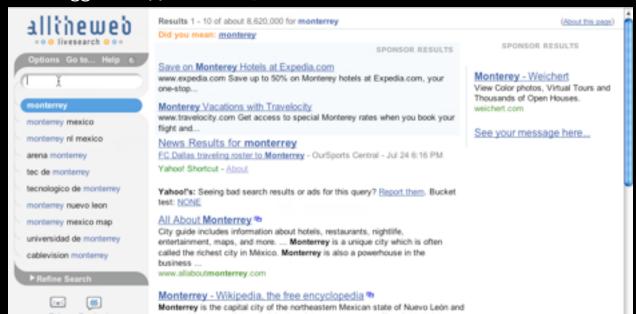
## Live Suggest



live suggest. google (early version)

live suggest. yahoo search

#### live suggest. early yahoo search experiment

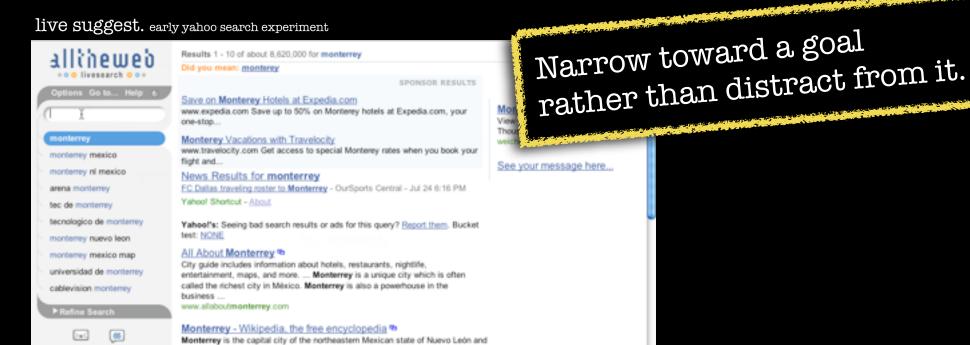


### Live Suggest



live suggest. google (early version)

live suggest. yahoo search

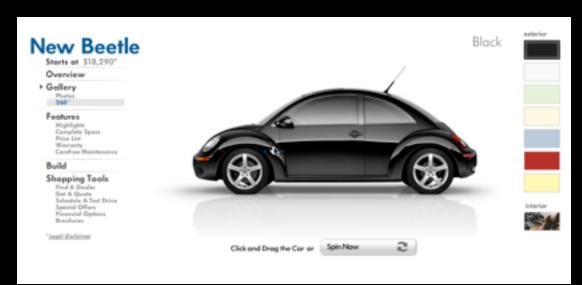


#### Live Previews



live preview. volkswagen car configurator

#### Live Previews



live preview. volkswagen car configurator



live suggest. apple search

#### Live Previews



live preview. volkswagen car configurator

Use live previews.

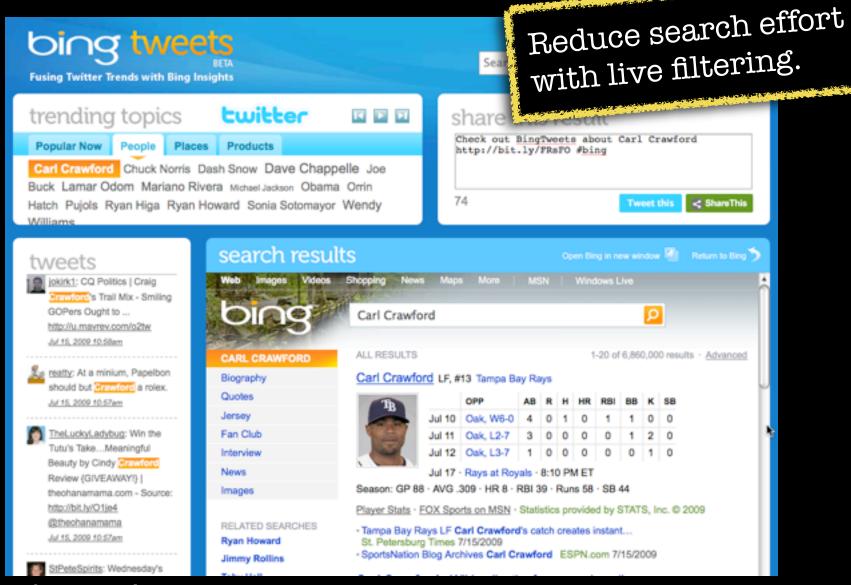


live suggest. apple search

#### Live Filtering



# Live Filtering

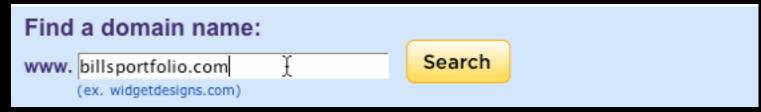


#### Live Forms

Find a domain name:	
www. billsportfolio.com	Search
(ex. widgetdesigns.com)	

live forms. yahoo! small business

#### Live Forms



live forms. yahoo! small business

Required information fo	r Google account
Your current email address:	someone@somewhere.com e.g. myname@example.com. This will be your username and sign-in.
Choose a password:	Minimum of 6 characters in length.

live forms. google account creation

#### Live Forms

Find a domain n	ame:		
www. billsportfolio.co	om  {	Search	
(ex. widgetdesigns.	.com)		The second of second in an analytic of the transmission of the second of
live forms. yahoo! small bus	siness	Prever	nt errors beforehand ve forms.
Required information fo	or Google account	AN TOTT TT	
Your current email address:	pomeone@somewnere.co		
Choose a password:	e.g. myname@example.com  Minimum of 6 characters in	Pas	sername and sign-in. ssword strength; Too short

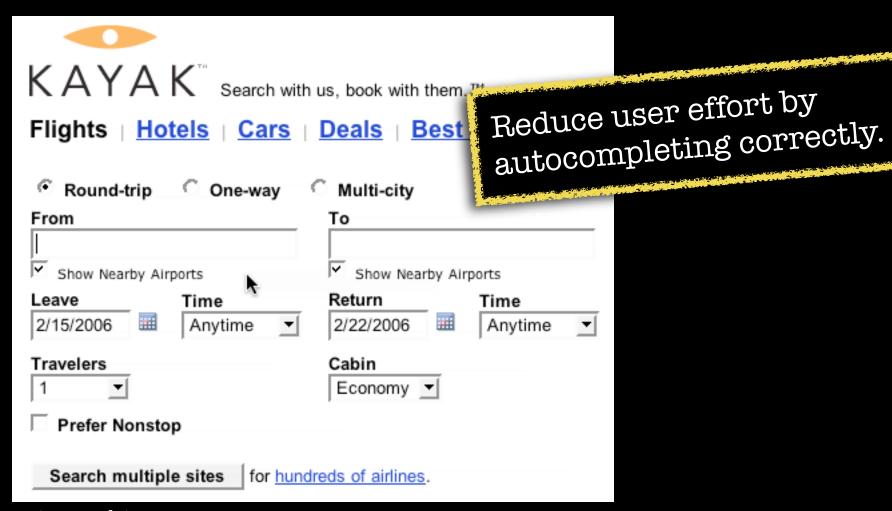
live forms. google account creation

# Auto Complete

KAYAK <sup>™</sup> Search with us, book with them.™				
Flights   Hotels   Cars   Deals   Best Fare Buzz				
Round-trip				
From	То			
<u>                                     </u>	_			
Show Nearby Airports	Show Nearby Airports			
Leave Time  2/15/2006	Return   Time			
Travelers	Cabin			
1	Economy 💌			
Prefer Nonstop				
Search multiple sites for <u>hundreds of airlines</u> .				

auto complete. kayak

# Auto Complete



auto complete. kayak

Input where you output.

Maintain flow.

Require a light footprint.

Invite interaction.

Show transitions.

Be reactive.



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looksgoodworkswell.com

# Web username billwscott



#### Book

designingwebinterfaces.com O'Reilly