

Yahoo! Patterns Go Live!

Initiative for Public Release of the Yahoo! Design Patterns Library



Bill W. Scott

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A Few Questions

- **Patterns.** What are patterns?
- **Library.** What is the Y! pattern library?
- **Public.** Why take the library public?
- **Plan.** What is the plan?

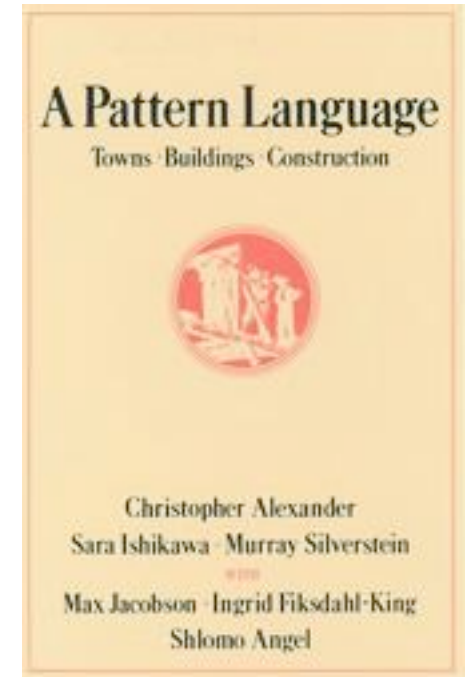


Patterns.

What are patterns?

Origin

- A Pattern Language, Alexander, 1977
Dissatisfied with sterile, impersonal design
- Defined it as
Solution to a problem in context
- Captured
Situation, competing constraints, canonical solution
- Examples
Couples Realm, House for a Couple, Sitting Circle, Marriage Bed



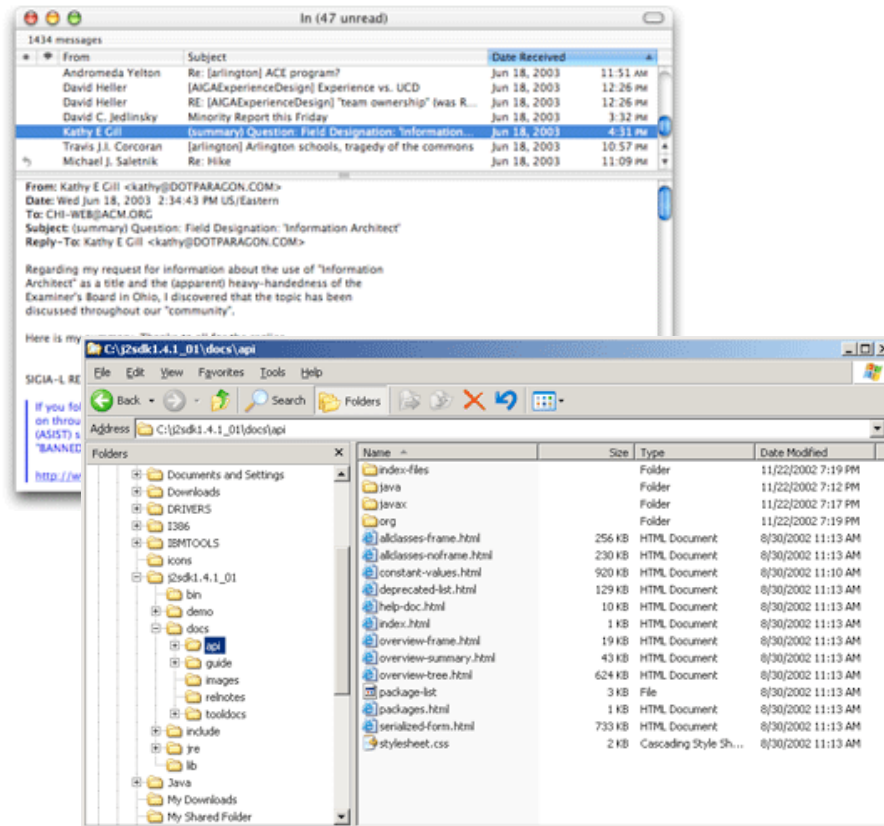
Spread of Patterns

- Applied to software design, Gang of four, 1995
- 1996, Alexander chides user experience community
- User experience patterns
 - 1997, Tidwell's *Common Ground*
 - Welie's pattern site
 - *Design of Sites* book
 - 2005, Tidwell, *Designing Interfaces*



Solution to a problem in context

Overview + Detail



- Problem
Large amounts of data. User need to see details in context of overview data
- Solution
 - Overview Panel (top or left)
 - Detail Pane (bottom or right)

Source: http://time-tripper.com/uipatterns/Overview_Plus_Detail

- Name
- Problem Summary
- Use When
- Solution
- Rationale
- Accessibility
- Related

[Developer Network Home](#) [Help](#) Site Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

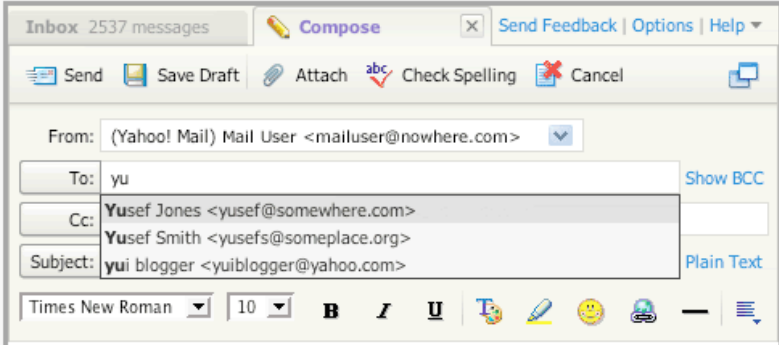
[Yahoo Developer Network](#) > [Design Pattern Library](#) > Auto Complete INTERACTION PATTERN

Auto Complete

Problem Summary

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.

EXAMPLE:



Auto completion of contacts in Yahoo! Mail Beta

Use When

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

Solution

Layout

- Use a standard text box for input.
- Label the text box to match the user's expectation of what field will be searched against.

QUICK JUMP

- [Solution](#)
- [Rationale](#)
- [Accessibility](#)

RELATED PATTERNS

- [link](#)
- [link](#)
- [link](#)

AS USED ON YAHOO!

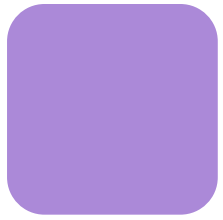
- [Yahoo! Mail Beta](#)
- [Yahoo! Maps Beta](#)
- [Yahoo! My Web 2](#)

CODE EXAMPLE

- [link](#)

Pattern Library

- Individual patterns
 - Name a solution
 - Provides standard structure for solutions
 - Defines solution in context of a problem
- Pattern library
 - Collection of solutions
 - Design vocabulary



Library.

What is the Y! pattern library?

Problem

- Multiple business units, decentralized user experience teams
 - Different solutions/same problems
 - Weakens brand
 - Threatens usability
- No common accessible form for accepted standards

Goal

- Communicate standards for interaction design
 - Increase consistency, predictability, and usability
 - Strengthen brand
- Increase productivity of design staff
 - Reduce re-inventing the wheel
 - Promote design reuse

Solution

- Designed & built pattern repository
 - Used CMS for repository, collaboration
- Structured content to make it predictable
- Created incentive for contribution
- Seeded library with initial patterns
- Created process for submitting and reviewing patterns

User Experience

- [Home](#)
- ▼ [Disciplines](#)
 - [Interaction Design](#)
 - [Visual Design](#)
 - [Illustration](#)
 - [Design Research](#)
 - [Web Development](#)
- [Products](#)
- [People](#)
- [Resources](#)
- ▼ [Guidelines](#)
 - ▼ [Interaction Patterns](#)
 - [What's New](#)
 - [Create Pattern](#)
 - [Writer's Toolkit](#)
 - [Review Queue](#)
 - [FAQ](#)
 - ▶ [Visual Specifications](#)
 - [Toolkits](#)

My Tools

- [Status Reporter](#)
- [Calendar](#)
- [Recent Posts](#)
- ▶ [Create Content](#)
- [My Bookmarks](#)
- [My Account](#)
- [My Drafts](#)
- [My Subscriptions](#)
- ▶ [Administer](#)
- [Sign Out](#)

My Bookmarks

You have no bookmarks.

[quick link](#) | [manage](#)

Browse Archives

« January 2006

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7

[Home](#) > [Guidelines](#) > [Interaction Patterns](#) > [Ratings and Reviews](#) >

Star Rating an Object INTERACTION PATTERN

[view](#) [edit](#) [outline](#)

Modified: 8 Jun 2005 - 10:41am
Posted: 2 Dec 2004

Editor: [wendym](#)
Contributor: [garethf](#), [janejao](#),
[mmaleman](#), [mattl](#)

Terms: [web application](#), [controls](#),
[desktop computer](#)

SUB-TOPICS

- No sub-topics

[[what's this](#)]

↵ [Jump to related topics](#)

California Pizza Kitchen

(650) 323-7332

Address:
531 Cowper St
Palo Alto, CA 94301

Ratings

Average: (4)



Rate it:



PROBLEM SUMMARY

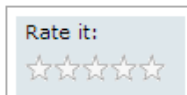
Users need to quickly give their star rating of an object, with minimal interruption to any other task flow they are involved in.

USE WHEN

This pattern is appropriate for properties using ratings platforms that don't allow users to edit their rating of an object.

SOLUTION

1. Show clickable star graphics with an invitation to rate the object (if the user has not yet rated it).



Clickable star graphics

History

- Created. 2004.
Matt Leacock, Erin Malone, Chanel Wheeler and a number of contributors & reviewers
- Evangelized throughout UED. Early 2005.
- Presented. March 2005.
Montreal IA Summit
- Article. April 2005.
boxesandarrows.com
- Rich Ajax patterns added. Latter half 2005.

Y! Patterns

- Early patterns

call to action buttons **links** alphanumeric link lists text links
utility links printable pages whats this link **network** header
tab sets left nav bars **breadcrumbs** faceted navigation **faceted**
browsing narrowing history **progress meter**
integrated signup receipt page **review** and submit page
ratings and reviews star rating an object

Newer Ajax Patterns

- More recent patterns

endless scrolling **dynamic detail** live pre-fill narrowing
actions refining search deferred loading dependent choices **dynamic**
updates **live search auto complete** blind content toggle on-
demand update look before you leap **auto refresh** dynamic filter

hover spy **inline edit** inline tagging rating persistent preferences inline
grid editing inline rearrange silent submit remembered collection
persistent portals



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type, Google will offer suggestions. Use the arrow keys to navigate the results. [L](#)

[Feedback](#) - [Discuss](#) - [Terms of Use](#) - [FAQ](#)

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Instant Search BETA

Instant Search gives you answers as you type -- no more waiting!

Why feel lucky when you can be right? With Instant Search, results instantly appear for [Yahoo! Shortcuts](#) and common searches. Give it a spin! Type in these examples below, or try your own searches:

- boston weather
- wikipedia
- nfl
- 22 5th ave new york ny
- san francisco coffee shops
- dmv

Rico LiveGrid

RICO AJAX SEARCH

LiveGrid Demonstration

Powered by Yahoo! Search

Select Search Category: **Web** Images Videos

Search the Web:

Search Results Results 1 - 5 of about 10600000 for monterey bay

1. [Monterey.com](#)
guide to attractions, lodging, dining, and more. A service of the Monterey Peninsula Visitors and Conventions Bureau.
<http://www.monterey.com/> • text/html
2. [California State University, Monterey Bay](#)
comprehensive state university which values service through high quality education.
<http://csumb.edu/> • text/html
3. [Monterey Bay - National Geographic](#)
Monterey Bay @ nationalgeographic.com ...
http://www.nationalgeographic.com/monterey/ax/primary_fs.html • text/html
4. [Monterey Bay Aquarium](#)
mission is to inspire conservation of the seas.
<http://www.mbayaq.org/> • text/html
5. [Monterey Bay Aquarium: Live Web Cams](#)
Eight live web cameras of the Monterey Bay Aquarium's marine life exhibits and Monterey Bay, Monterey, CA. ... Monterey Bay Aquarium, 886 Cannery Row, Monterey, CA 93940 Tel: (831) 648-4800. A© 1999-20
http://www.mbayaq.org/efc/cam_menu.asp • text/html

YAHOO! MAIL BETA Welcome, **b.scott** [Sign Out](#), [My Account](#), [Switch Back](#) [Yahoo!](#) | [My Yahoo!](#) | [News](#)

Inbox 2324 messages [Send Feedback](#) | [Options](#) | [Help](#)

From	Subject	Received
me	Re: rico question	Thu, 1/19/2006 10:19:20
Bill Scott	[Looks Good Works Well]	1/19/2006 01:13: Thu,
JDJ Industry Newsletter	Java Named "Programming Language of the	Thu,
Travelocity Member Services	Price Alert! Flight + 5 Night Hotel to Honolulu	Thu,
Theresa Neil	Re: Job Description	Thu,
Damon Hougland	Job Description	Thu,
Finan, Angelique	RE: Speaking Engagement Opportunity	Thu,
David Schontzler	Re: [ng-dhtml] assert(), isNaN(), isOff	Thu,
TagWorld	This week in TagWorld	Thu,
me	rico question	Thu,
Anonymous	[Looks Good Works Well]	1/19/2006 10:22: Thu,
Anonymous	[Looks Good Works Well]	1/19/2006 10:19: Thu,
Anonymous	[Looks Good Works Well]	1/19/2006 10:19: Thu,
Anonymous	[Looks Good Works Well]	1/19/2006 10:19: Thu,

[Standard Header](#) | [Hide Pane](#)

Got your eye on one of those messages up there?
To view your message down here in this handy Reading pane, just click on it.
To select more than one, hold the Shift or Command key.

My Folders [Add](#)

- dojo-maillist** (4)
- ID Disc
- Karthik-Referrals
- Keep
- MerchantSpam** (149)
- ux mail lists** (1863)

Yahoo! Mail Beta (Oddpost)

Rocky Waters

ADD NOTE SEND TO GROUP ADD TO SET BLOG THIS ALL SIZES ORDER PRINTS ROTATE DELETE X



Add tags

Test Page

Body List Notes Files Images Writeboards Links Sharing ?

Notes

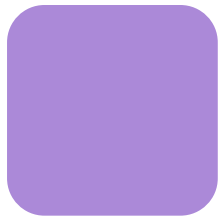
First Note (modified) Posted 30 Nov

This is just a note that I added. And some more text was added.

Add note

The screenshot shows the Yahoo! Plus homepage with a navigation bar at the top. The navigation bar includes links for Web, Images, Local, News, and Shopping. Below the navigation bar is a search bar with a search button. To the right of the search bar are links for My Services, Feedback, and a help icon. Below the navigation bar is a status bar showing the user's name (Hello Bill), a link to Sign Out, My Account, and the current weather (42° - 57°). Below the status bar are links for Add Content, Change Layout, and Change Colors. To the right of these links is a Select Page dropdown menu showing My Front Page. The main content area is divided into several widgets:

- Scoreboard**: A widget showing sports scores for today and yesterday. Today's games include NHL (Tampa Bay vs. Dallas) and NBA (Dallas vs. LA Clippers). Yesterday's games are listed as "no games for selected teams".
- Message Center**: A widget for checking email and launching messenger. It shows 14 friends online.
- Weather**: A widget showing weather forecasts for various locations including Dallas, TX, Denton, TX, Sunnyvale, CA, Boulder Creek, CA, Gilroy, CA, and San Jose, CA. It includes a search bar for locations.
- Software News**: A widget showing news about software, including AccuRev, Anti-virus Software, India's Satyam, and Cisco Patches Router.
- eHub**: A widget showing interviews and news, including eHub Interviews Prodigem, Veetro, MediaMax, iOWEYOU, and HyperSuper.
- Best Fare Tracker**: A widget showing flight fares for various destinations including Paris, France, Seattle/Tacoma, WA, Honolulu, HI, and San Francisco, CA.

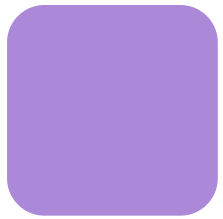


Public.

Why take the library public?

Rationale

- Natural companion to Yahoo! User Interface code library being open sourced on same day
- Best company reuse is public release
- Force review & cleanup of our standards
- Share back with community
- Surface vocabulary for discussion
- Create goodwill



Plan.

What is the Plan?

Go Live 2/13/06

- Release on Y! Developer network
developer.yahoo.net/patterns
- Small candidate set of patterns (13)
- Redesigned pattern site, pattern pages
- New taxonomy based on find-ability
- Patterns reference Yahoo! User Interface code library & sample code
- Companion blog (yuiblog.com) & Yahoo! Group

- Coordinated release
 - Y!UI library at developer.yahoo.net/yui
 - Y!Pattern library at developer.yahoo.net/patterns
- Simplest place to push
- Excellent backing by YDN team

- Auto Complete
- Breadcrumbs
- Module Tabs
- Navigation Tabs
- Drag and Drop
 - Drag and Drop Modules
- Pagination
 - Item Pagination
 - Search Pagination
- Ratings and Reviews
 - Writing a Review
 - Architecture of a Review
 - Rating an Object

- Pattern navigator
- Welcome area
- What's new gallery
- Community invitation area
- Y!UI invitation area

The screenshot shows the Yahoo! Developer Network Design Pattern Library homepage. At the top, there's a navigation bar with 'Developer Network Home' and 'Help' links, a 'Site Search' box, and a 'Search' button. Below this is the 'YAHOO! DEVELOPER NETWORK' logo and the 'Design Pattern Library' title. A breadcrumb trail shows 'Home > Design Pattern Library'. The main content area is divided into several sections. On the left, a 'USERS NEED TO' sidebar lists categories like 'NAVIGATE', 'EXPLORE DATA', 'ORGANIZE', 'RECEIVE FEEDBACK', 'PERFORM', 'CUSTOMIZE', 'APPLICATIONS NEED TO', 'CALL ATTENTION', 'IMPROVE READABILITY', 'GROUP RELATED ITEMS', 'ORGANIZE SCREEN/PAGE', and 'SCREEN SIZE LIMITATION', each with sub-links. The main area starts with a 'Welcome' message, followed by 'What's a Pattern' with a paragraph of Lorem Ipsum and a 'Learn more' link. Below this is a 'Featured Patterns' section with six pattern examples: 'Auto Complete', 'Breadcrumb', 'Pagination', 'Entertainment', 'Ratings and Reviews', and 'Tab sets'. Each example includes a visual representation of the pattern and a brief description. At the bottom, there are two boxes: 'Join Our Design Pattern Community' with links to 'Join the Y! Pattern Group' and 'Check out updates at Y! UI Blog', and 'Y! UI Code Library' with a 'Learn more' link. The footer contains copyright information for 2006 Yahoo! Inc. and links to 'Copyright Policy', 'Terms of Service', 'Help', and a 'Notice' about personal information collection.

Developer Network Home Help Site Search Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

Home > Design Pattern Library

USERS NEED TO

- ▼ NAVIGATE
 - Pattern Parent A
 - Pattern Child A1
 - Pattern Child A2
 - Pattern Parent B
 - Pattern Parent C
- ▼ EXPLORE DATA
 - Pattern Parent A
 - Pattern Parent B
- ▼ ORGANIZE
 - Pattern Parent A
 - Pattern Parent B
- ▼ RECEIVE FEEDBACK
 - Pattern Parent A
 - Pattern Parent B
- ▼ PERFORM
 - Pattern Parent A
 - Pattern Parent B
- ▼ CUSTOMIZE
 - Pattern Parent A
 - Pattern Parent B

APPLICATIONS NEED TO

- ▼ CALL ATTENTION
 - Pattern Parent A
 - Pattern Parent B
- ▼ IMPROVE READABILITY
 - Pattern Parent A
 - Pattern Parent B
- ▼ GROUP RELATED ITEMS
 - Pattern Parent A
 - Pattern Parent B
- ▼ ORGANIZE SCREEN/PAGE
 - Pattern Parent A
 - Pattern Parent B
- ▼ SCREEN SIZE LIMITATION
 - Pattern Parent A
 - Pattern Parent B

Welcome

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate.

What's a Pattern

Dolor sit labore Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate. [Learn more](#)

Featured Patterns

Title

Tags

- in
- information
- interesting
- internet

Travel > Guides > North America

San Francisco Vacation

Hotels

More Results:

1 2 3 4 [Next](#)

Auto Complete

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod et dolore magna.

Breadcrumb

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do tempor incididunt ut labore et dolore magna.

Pagination

Dolor sit amet, consectetur tempor incididunt ut labore et dolore magna.

Entertainment

AP Reuters AFP E! Online

- 'Da Vinci Code' to Open
- Oscars May Surprise De

★★★★★

Average Rating (45)

[Read 34 reviews](#)

Rate It:

★★★★★

Home Computers Cloth

Pointer Tabs

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do tempor incididunt ut labore et dolore magna.

Ratings and Reviews

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Tab sets

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Browse the [A-Z Index of Patterns](#).

Join Our Design Pattern Community

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- [Join the Y! Pattern Group](#)
- [Check out updates at Y! UI Blog](#)

Y! UI Code Library

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor.

- [Learn more](#)

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- Visually distinct from sub pattern page
- Visual gallery of sub patterns
- More inviting

Design Pattern Library

[Home](#) > [Design Pattern Library](#) > [Pagination](#)

USERS NEED TO

- ▼ NAVIGATE
 - Pattern Parent A
 - Pattern Child A1
 - Pattern Child A2
 - Pattern Parent B
 - Pattern Parent C
- ▼ EXPLORE DATA
 - Pattern Parent A
 - Pattern Parent B
- ▼ ORGANIZE
 - Pattern Parent A
 - Pattern Parent B
- ▼ RECEIVE FEEDBACK
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 - Pattern Parent B
- ▼ PERFORM
 - Pattern Parent A
 - Pattern Parent B
- ▼ CUSTOMIZE
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 - Pattern Parent B

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 - Pattern Parent A
 - Pattern Parent B
- ▼ GROUP RELATED ITEMS
 - Pattern Parent A
 - Pattern Parent B
- ▼ ORGANIZE SCREEN/PAGE
 - Pattern Parent A
 - Pattern Parent B
- ▼ SCREEN SIZE LIMITATION
 - Pattern Parent A
 - Pattern Parent B

Pagination

Problem Summary

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Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Sub-Topics

Pagination List

958 - 958 of 958 [First](#) | [Previous](#) | [Next](#) | [Last](#)

1-50 of 951 | [First](#) | [Previous](#) | [Next](#) | [Last](#)

[Previous Page](#) | [Next Page](#)

Chronological Pagination

Oldest | [< Older](#) | [Newer >](#) | Newest

Search Result Pagination

1 2 3 4 5 6 7 8 9 10 11 [Next](#)

[First page](#) | [previous page](#) | [next page](#) | [Last page](#)

Page: 1 2 ... 7 8 9 10 11

Rationale

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

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- Simpler pattern structure
- Clean visual design
- At-a-glance feature
- Convenient related/jump bar
- Yahoo! User Tested Seal
- Breadcrumb

The screenshot shows the Yahoo! Developer Network Design Pattern Library page for the 'Pagination List' pattern. The page has a clean, professional layout with a purple header bar containing the 'Developer Network Home' and 'Help' links, and a search bar. The main content area is titled 'Design Pattern Library' and includes a breadcrumb trail: 'Home > Design Pattern Library > Pagination List'. A 'Yahoo! User Tested' seal is visible in the top right corner. The 'Pagination List' section is highlighted, featuring a 'Problem Summary' that explains the need for navigating large sets of user-generated objects. An 'EXAMPLE!' box shows a pagination bar with links for 'First', 'Previous', 'Next', and 'Last', along with a range of items (e.g., '1-10 of 681'). Below the example, the 'Use When' section lists conditions for using this pattern. The 'Solution' section provides a list of guidelines for implementing pagination. A 'Rationale' section is also present. On the right side, there are sections for 'RELATED PATTERNS' (including 'Pagination (parent)', 'Chronological Pagination', and 'Search Result Pagination'), 'AS USED ON YAHOO!' (with links to 'Yahoo! My Web' and 'Yahoo! Mail Recs'), and 'CODE EXAMPLES' (with links to 'Code Example 1' and 'Code Example 2').

Developer Network Home Help Site Search Search

YAHOO! DEVELOPER NETWORK

Design Pattern Library

Home > Design Pattern Library > Pagination List

Pagination List

Problem Summary

User needs to navigate a potentially large set of user-generated objects efficiently without becoming overwhelmed or lost.

EXAMPLE!

988 - 998 of 998 First | < Previous | Next

1-10 of 681 [First] Previous | Next | Last

Previous Day | Next Day

Some caption for image above.

Use When

- There is more information than can comfortably fit within one screen.
- The paginated list in question is used frequently (often daily).
- The paginated list is used for focus (not exploratory) tasks.
- The content is user-generated.

Solution

- Break the list of objects into a sequence of pages, each containing an object or range of objects.
- Provide controls to access the previous and next pages of information.
- Provide links to jump to the first and last pages in the set.
- Provide information about what type of object the user is browsing.

ObjectNames 1-10 of 27 First |< Prev < |> Next |> Last

1. Provide information about the set of objects the user is currently viewing.
Use the form: "[ObjectName[s] [DisplayedItemRange] of [TotalItems]]"
2. Present links in the following order: First, Previous, Next, Last.
3. Use graphical arrows to increase the target size of the links.
4. Show the displayed states of controls when they are unavailable.

Rationale

RELATED PATTERNS

- [Pagination \(parent\)](#)
- [Chronological Pagination](#)
- [Search Result Pagination](#)

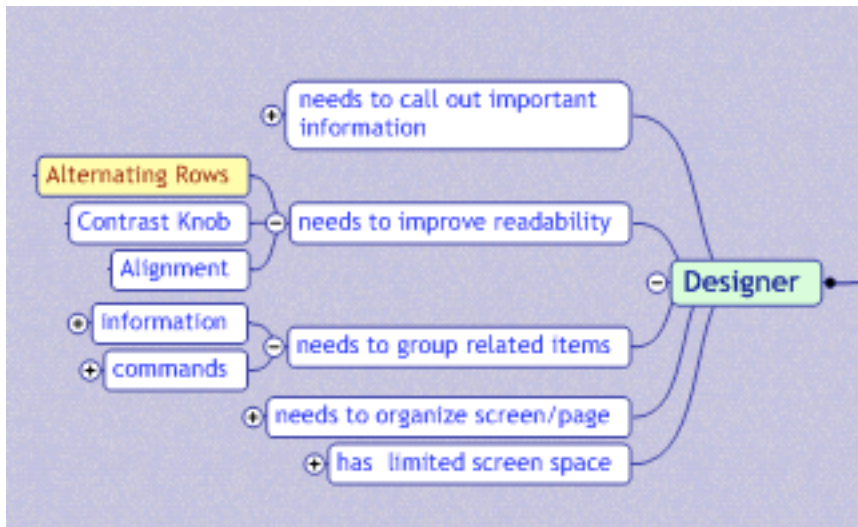
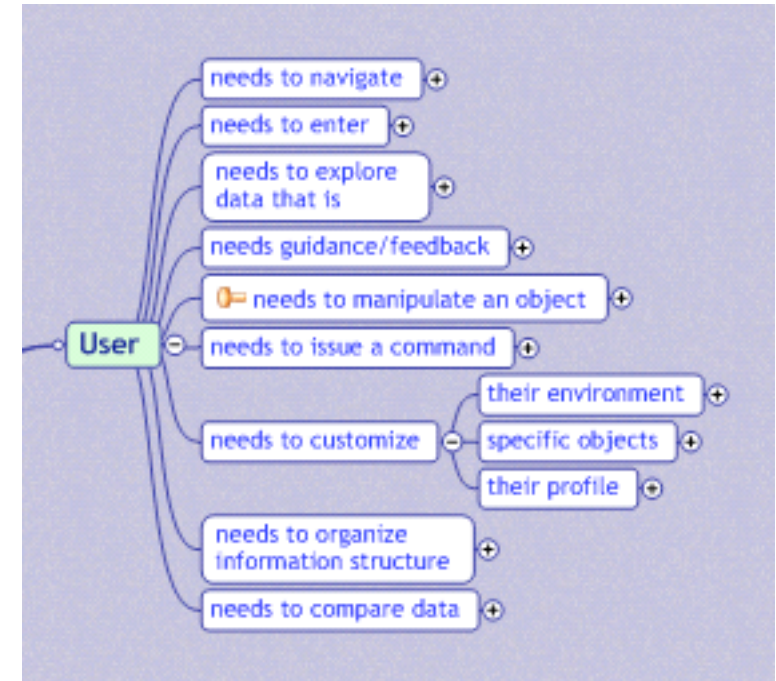
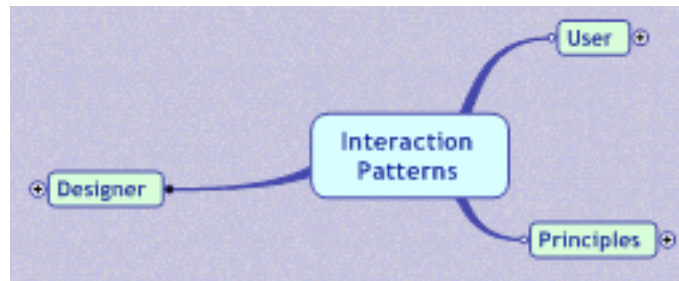
AS USED ON YAHOO!

- [Yahoo! My Web](#)
- [Yahoo! Mail Recs](#)

CODE EXAMPLES

- [Code Example 1](#)
- [Code Example 2](#)

- Mind mapping exercise



- User needs to
 - navigate
 - explore data
 - organize
 - receive feedback
 - perform actions
 - customize
- Application needs to
 - call attention
 - improve readability
 - group related items
 - organize screen/page
 - work within small screen

USERS NEED TO
▼ NAVIGATE
▶ Pattern Parent A
Pattern Child A1
Pattern Child A2
▶ Pattern Parent B
Pattern Parent C
▼ EXPLORE DATA
▶ Pattern Parent A
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▶ Pattern Parent B
▼ PERFORM
▶ Pattern Parent A
Pattern Parent B
▼ CUSTOMIZE
Pattern Parent A
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APPLICATIONS NEED TO
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Pattern Parent A
▶ Pattern Parent B
▼ GROUP RELATED ITEMS
▶ Pattern Parent A
Pattern Parent B
▼ ORGANIZE SCREEN/PAGE
▶ Pattern Parent A
▶ Pattern Parent B
▼ SCREEN SIZE LIMITATION
▶ Pattern Parent A
Pattern Parent B

- Reference code links will point to Yahoo! User Interface Library
- Also will eventually
 - Point to sample DHTML/Ajax code
 - And Flash

- Blog. yuiblog.com
 - Blog about each release
 - Blog about each pattern individually
 - Blog about upcoming to solicit feedback
- Group. Y! [ypatterns group](#)
 - Handle discussions here