

Web Navigation: What is it and why does it matter?

Spring
 2004 Info Tech Conference

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Hi, I am Keith

- Information Architect, User Experience, ibm.com
- Computer science > Human-computer interaction > Hypertext > Web usability
- Telecommute to work from Toledo
- In-laws live near Old Man's Cave

Overview

- Web navigation overview
- Global, local, contextual & personalized navigation
- Breadcrumbs
- Faceted browsing

Web Navigation

- Oh, what is navigation?
- Central metaphor for the web
- If they cannot find it, they cannot buy it
- Conventions forming, but...
- ...It depends

Navigation Stress Test

- “Randomly” selected (deeper) pages
- Printed out for lower fidelity, no peeking
- Where am I?
- What is here?
- Where can I go?

Standard “Inspection” Disclaimers

- It depends: users, tasks, site goals, content, competition, technology, resources, ...
- Best: Testing with representative users trying realistic tasks (my 11:00 am talk)
- At least: Inspection guides user research
- Still, useful to “get anal” about it when designing, even if not important in your situation (IMHO)

"Stress test" questions

- What is this page about?
- What site is this?
- What are the major sections of this site? Which one is this page under?
- What is "up" 1 level from here?
- How do I get to the home page of this site?
- How might you get to this page from the site home page?

What does each group of links represent?

- More details, sub-pages of this one
- Nearby pages, within same section as this page
- Pages on same site, but not as near (in other sections)
- Off-site pages

**THE OFFICIAL SITE OF FALCON ATHLETICS
BOWLING GREEN STATE UNIVERSITY**

ROSTER • SCHEDULES/RESULTS • STATISTICS • ARCHIVES • NEWS

ICE HOCKEY

Ohio State Eliminates Falcons From CCHA Playoffs, 5-2

[Printer-Friendly Format](#)

Mike Falk and Steve Brudzewski net BGSU's two goals

March 13, 2004

[Final Stats](#)

Columbus, Ohio - Ohio State used a 45-17 shot advantage to eliminate Bowling Green from the Central Collegiate Hockey Association tournament, 5-2, at Value City Arena on Saturday night. The Buckeyes win the best-of-three series, 2-0. BGSU ends its season with a 11-18-9 overall record.

OSU's Dave Steckel struck twice with goals, while Sean Collins, Scott May (empty net), and Doug Endress (empty-net) also tallied for the Buckeyes. BGSU's **Mike Falk** scored his fifth goal of the year at 15:27 of the second period to cut the deficit to 2-1, with an assist from [Brett Pilkington](#).

Steve Brudzewski then scored the Falcons' lone power-play goal of the game at 16:07 of the third period to bring BGSU to within two, 4-2. [Ryan Minnabarrist](#) and [Rich Meloche](#) assisted. But Andress' empty-net goal with 53 seconds remaining sealed the victory for the Buckeyes.

Junior goalie [Jordan Sigalet](#) stopped 40 saves in the loss while Mike Betz had 13 stops in 59:07 minutes of action. Kelly Holowaty has two saves over the final 53 seconds for OSU.

Ice Hockey Home

Official Store

HEADLINES

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DON'T MISS A THING!**

**COLLEGE SPORTS
PASS**

OFFICIAL FALCONS AUCTION

Choose Sport **Col**

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SCHEDULES
ONLINE STORE
AUDIO & VIDEO
SCOREBOARD
WIRELESS
ATHLETIC DEPARTMENT
LINKS
TRAVEL
CAMPS
ON CAMPUS
TRADITIONS
FALCON CLUB
FALCON KIDS CLUB

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Landsend.com Overstocks Customer Service Business Outfitters Site >

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1-800-963-4816

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my model

search for go

In All Products

Luggage

Collections:
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 - Duffels
 - Stowaways
 - Wheeled
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 Catalog Quick Order
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 Square Rigger Deluxe Laptop Attache

- Rugged canvas with moisture-resistant lining
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- 17 1/4"Wx13 1/2"Hx6 1/2"D
- [More info](#) at the bottom of this page.

\$98.00 Item #7895-2AH3

Square Rigger Deluxe Laptop Attache

INSTRUCTIONS: Click color for larger view.

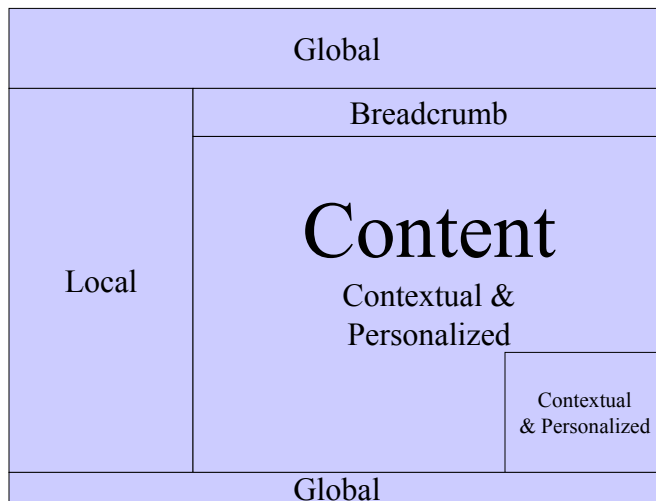
Order a color swatch

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[Square Rigger Classic Attache](#)

[Square Rigger Deluxe Attache](#)

Navigation Framework



United States

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What CRM can do for your business

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Related links:

- eServer Solution Connection
- Product Lifecycle Management

CRM: Customer relationship management

Listen to your customers. Win their loyalty.

Timely and accurate customer information. Streamlined communications between employees and suppliers. Personalized dialogue with your customers and prospects. CRM solutions from IBM enable a single view of your customers' marketing, sales and service lifecycle at every touchpoint across the enterprise. This real-time business knowledge lets you deliver superior service that earns customer loyalty.

Step 1. Select your area of interest:

Marketing & customer intelligence

Customize and personalize your marketing efforts geared to your most profitable customers. Provide a single view of your customer across the enterprise.

Step 2. Select a solution:

- Decision support solution from IBM
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- Marketing automation solution from IBM
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My IBM

- Sign in
- Register

In focus

- Video: The IBM-CRM transformation story

News and events

- IBM & Siebel to provide customer relationship services over the Internet
- IBM DB2 for Siebel - The Low-Cost Choice for Unix and Windows

Case studies

- PNC achieves success with support from IBM and Siebel Systems solution
- Hartmann Offers Health and Well-being with IBM and SAP
- IBM takes customer

macromedia

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Rich Internet Applications Topic Center

White Paper: The Flex Technology

See how Flex helps you work in a familiar environment to deliver Rich Internet Applications quickly. Download PDF (1.8 MB)

The Flex (Beta) Developer Center

Check out the new center to find out about the presentation tier solution for delivering enterprise RIAs.

Extending Design Patterns into RIA

Learn how you can extend current design patterns to rich client technology.

Presenting Flex

Join Litley Feigh, Flex Product Manager, for an overview and demo of Flex. View Presentation

Choosing Between XML, Web Services, and Remoting for Rich Internet Applications

Learn how to decide which type of data service you should use: XML, web services, or Flash Remoting.

White Paper: IDC—Rich Internet

Sample Time Entry Application

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TECHNOLOGY

New domains '.mobi' and '.xxx' under consideration

Saturday, March 20, 2004 Posted: 1:52 AM EST (0952 GMT)

SAN JOSE, California (AP) -- Ten organizations submitted applications to sponsor new Internet domains, including ".mobi" for mobile services and ".xxx" for adult content, the group that oversees key aspects of the global network said Friday.

Each organization paid \$45,000 to apply for suffixes that are to be set aside for specific industries and interest groups. The deadline for applications was Tuesday.

The new domains could be approved as early as this year and would be the first major additions since 2000. Public comments on the applications will be accepted from April 1 through April 30,



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Pharmacies

Retail Chains

The people of Cardinal Health understand the logistics and inventory demands that face large, multi-location retail customers. Cardinal Health is uniquely positioned to meet the varied demands of chain-pharmacy customers. The company's innovative and flexible supply chain solutions are easily customized to meet each customer's specific business challenges.

- Distribution Services
Serving more than 33,000
- Staffing Solutions
We are the nation's leading



PYXIS is the leading provider of medication and supply dispensing systems to hospitals, nursing homes and other health care facilities.



- **AMA endorses Cardinal Health point-of-care technology platform**
- **Consumers reflect Cardinal Health to continue national agreement for automated medication and supply distribution products**
- **Pharmaceuticals say: Give us enough to care**

WHAT'S NEW:

Global Navigation

- Site identification, branding
- Major sections
- Utilities
- Almost every page
- Can (should?) change for sub-sites
- Where-am-I indicators

Local Navigation

- Specific to this section of the site
- Varies from section to section, but consistent (hopefully)
- Parental, sibling, child relationships
- Where-am-I indicators

UCLA (U-C-Lotsa-Alternate) Navigation

The screenshot displays the UCLA website's navigation structure. At the top, there are links for DIRECTORY & MAP, CONTACT, SITE MAP, and FULL SEARCH. A search bar is present with the text "UCLA for you" and a "Search" button. On the left, a vertical menu lists various categories: BELONG, TEACHING, RESEARCH, SERVICE, ABOUT UCLA, ADMISSIONS, HEALTH SERVICES, RESOURCES, LIBRARY & THE ARTS, ETHICS, UCLA STORE, CONTINUING ED, UCLA ALUMNI, EMPLOYMENT, MYUCLA, GIVING TO UCLA, and HOME. The main content area features a photo of a woman and children, with text about UCLA's commitment to the community and quick links to "UCLA in the Community - Directors" and "Meet About UCLA in the Community". On the right, there is a "UCLA Campus Calendar" section with a keyword search box and a list of event categories: Keyword Search, Detailed Event Search, Today's Events, Submit Events, and Academic Calendar. Below this, there are links for "UCLA Campus Calendar: Events", "UCLA Locations", "UCLA Commencement Scheduling", "Central Ticket Office", "Related Links", "UCLA Photo Galleries", "Administrative", and "Events Office Hours". At the bottom, there are several sub-site logos and links: "Center for European & Russian Studies", "BA European Studies", "Registrar's Office" (University of California, Los Angeles) with links for Schedule, Catalog, Calendars, Fees, Forms, Archives, URSA, MyUCLA, and Home; "UCLA Academic and Administrative Calendars" with a link to "archives"; "Student Health Service" and "UCLA Arthur Ashe Student Health & Wellness Center"; and a footer table with links for Homepage, General Information, Clinical Services, Support Services, Online Services, Insurance Info, Health & Wellness, Outreach, Parents & New Students, Our Donors, How to Use Ashe Center, and Take a Tour.

Questions: Global and Local Navigation

- Global: TLBR?
- When to use tabs for global navigation?
- When is it best to abandon the global nav?
- How does global change for sub-sites?
- Local: TLBR?
- How to make sure users do not confuse them?
- Right level of integration between them?
- Where-am-I indicators: useful?

Contextual Navigation

- Specific to this page
- Cuts across hierarchy (local navigation covers the stuff in the same bucket)
- Hand-crafted and/or automated
- Embedded in the content and/or given its own space on the screen

Contextual Link Examples



Troy Riddle scores for Minnesota.

Jason Waldowski

It's onto Saturday, and five automatic NCAA bids on the line, and then some. ... In the premiere matchup of the night, No. 5 Minnesota continued its roll, finally **defeating No. 4 Minnesota-Duluth 7-4** after five tries, and in the process, perhaps securing a top seed in the NCAAs. The Gophers advance to face **North Dakota**, a **4-2 winner** over Cinderella-story Alaska-Anchorage, in the final. ... In the CCHA, Ohio State **knocked off Miami 4-3 in OT**, and will face two-time defending champ Michigan, which **defeated Northern Michigan**, 5-1. ... The ECAC is always wild, and hasn't disappointed, as the tournament's sixth seed, **Harvard**, will face the ninth seed, **Clarkson**, in the final, with an NCAA bid on the line. ... In Hockey East, Massachusetts is bent on throwing the NCAAs for a loop, as it advances to the finals for the first time with a **5-2 win over New Hampshire**. It faces **Maine**, a **1-0 winner** over BU. ... And Atlantic Hockey finally decides its autobid, when Holy Cross and Sacred Heart square off.

WEEKLY COLUMN

Customers who bought this book also bought:

- [Web Navigation: Designing the User Experience](#) by Jennifer Fleming, Richard Koman(Editor)
- [Designing Web Usability : The Practice of Simplicity](#) by Jakob Nielsen
- [Collaborative Web Development: Strategies and Best Practices for Web Teams](#) by Jessica R. Burdman
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Men's
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Comparison vs. Coordinating Shopping

Boys' Full Elastic-waist Chino Pants



Elastic Waist Chinos go on easy, feel good all day.

- 100% cotton twill, prewashed for softness
- Full-elastic waistband is all-day comfortable
- Zip fly with snap closure — simpler for little hands to manage

[Read More...](#)

Alternatives



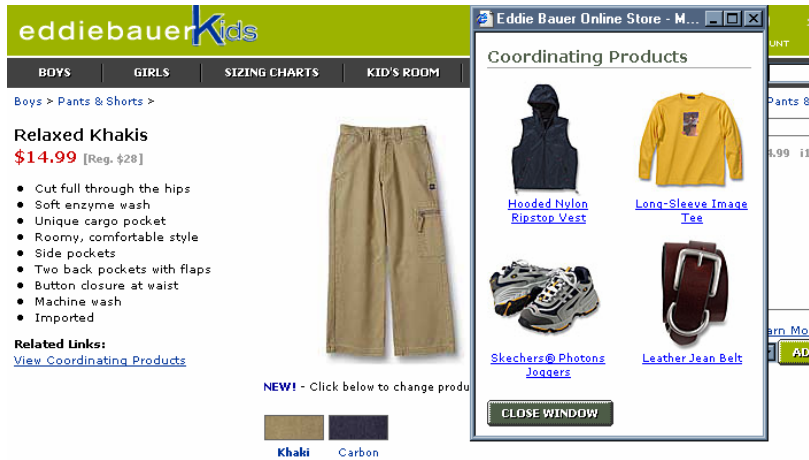
[Boys' Cotton Pleat-Front Chino Pants](#)



[Boys' Flat-front Chino Pants](#)

[size charts](#)

Comparison vs. Coordinating Shopping



Questions: Local and Contextual Navigation

- Do users care about differences in local and contextual navigation? Can they tell the difference? Does it matter?
- Should all contextual navigation be embedded within the main content, or should it have its own space?
- How much contextual navigation is worth doing by hand? How useful are the automated recommendations?
- Which is better: comparison shopping (local) or coordination shopping (contextual)? When?

Personalized Navigation

- Like contextual but based on WHO you are
- “Recommendations”
- Who do you think I am?
- Why is this here?
- What am I missing?

The screenshot displays the Amazon.com homepage with personalized navigation elements for a user named Keith. The page is divided into several sections:

- Navigation Bar:** Includes links for Shop in Jewelry & Watches, amazon.com, VIEW CART, WISH LIST, YOUR ACCOUNT, and HELP.
- Search Bar:** Features a search box, a dropdown menu for 'Books', and an 'Advanced Search' link.
- Books Section:** Promotes a 30% discount on titles over \$15. A personalized message reads: "Hello, Keith Instone. We have *Business & Investing, Computers & Internet*, and other **Book Recommendations** for you. (If you've met Keith Instone, [click here](#).)"
- Movers and Shakers:** Highlights a 271% increase in sales for *Broken Angels*.
- Breakout Books:** Promotes a program featuring 20 terrific new books from previously unrecognized writers.
- New in Books:** Features a book titled *Death by Hazing* by FRAISSE FOR PATRICK LENCIONI.
- Book Recommendations:** Lists several books, including *Designing With Web Standards* by Jeffrey Zeldman and *Eric Meyer on CSS* by Eric A. Meyer.
- NEW FOR YOU:** A section titled "Keith, see what's **New for You**" (If you're not Keith, [click here](#)). It includes a "Your New Releases" section and a "New Releases" section featuring *Welcome to the Experience Economy* by I. B. Joseph and James Gilmore.

Warning! More than you ever wanted to hear about breadcrumbs

- Those faint of heart may want to leave now....

About Breadcrumbs in General

- Use these definitions and examples to talk more intelligently about breadcrumbs
- Element (links) and Separators (characters)
- First Element > Second Element > Third Element > Last Element
- Last element (optional): Unlinked, title of the page

About the 3 Types of Breadcrumbs

The term “breadcrumb” is used for several different concepts – causing confusion during design discussions

- Location Breadcrumb – “You are here”, static
- Path Breadcrumb – how you got here, dynamic
- Attribute Breadcrumb – meta-information

Definition of Location Breadcrumbs

- The single location of this page within the site’s hierarchy
- Hard coded – best choice for static sites
- Tells users “you are here” - not how they got here
- Gives them a way to go “up” to higher sections of the site

Yahoo Directory: Everyone's first exposure to breadcrumbs?

The screenshot shows the Yahoo Directory homepage. A breadcrumb trail is highlighted in a grey box: [Home](#) > [Computers and Internet](#) > **Internet**. A red arrow points from the 'Internet' link to the 'World Wide Web' link in the list below. The list includes: [Software@](#), [Statistics and Demographics \(32\)](#), [User Groups \(22\)](#), [WAIS \(7\)](#), [World Wide Web \(1966\) NEW!](#), and [Usenet Groups \(5\)](#). Other directory categories are visible on the left, such as Arts & Humanities, Business & Economy, Computers & Internet, Education, Entertainment, Government, Health, News & Media, Recreation & Sports, Reference, Regional, Science, Social Science, and Society & Culture.

Yahoo Directory: @ means Transport

The screenshot shows the Yahoo Directory 'World Wide Web' page. A breadcrumb trail is highlighted in a grey box: [Home](#) > [Computers and Internet](#) > [Internet](#) > **World Wide Web**. A red arrow points from the 'World Wide Web' link to the 'Books@' link in the list below. The list includes: [ActiveX@](#), [Beginner's Guides \(37\)](#), [Books@](#), [Browsers@](#), [Caching \(12\)](#), [Chat \(167\)](#), [Conferences \(24\)](#), [Cookies \(15\)](#), [Databases and Searching \(12\)](#), [Evaluation \(8\)](#), [Gateways \(23\)](#), [History \(9\)](#), [HTML@](#), [HTTP \(53\)](#), [Imagemaps \(16\)](#), [Java@](#), and [JavaScript@](#). A secondary breadcrumb trail is visible: [Home](#) > [Business and Economy](#) > [Shopping and Services](#) > [Books](#) > [Booksellers](#) > [Computers](#) > [Internet](#) > [Titles](#) > **World Wide Web**.

Yahoo! uses the @ for a **transport** link – it does not go deeper in the site hierarchy (local) but instead leads to a completely new breadcrumb (contextual)

Common Location Examples

[useit.com](#) → [Papers and Essays](#) → [Heuristic Evaluation](#) → [List of Heuristics](#)

Ten Usability Heuristics

Visibility of system status

The system should always keep users informed about what is going on, through appropriate feedback.

Match between system and the real world

The system should speak the users' language, with words, phrases and concepts familiar to the user, rather than system-oriented terms. Follow real-world conventions, for example in the labeling of controls, menus and windows.

Waffle Recipes

[New! Submit a Site](#)

You are here: [Lifestyle](#) > [Hobbies](#) > [Cooking](#) > [Recipes](#) > [Breads & Grains](#) > [Breakfast Breads](#) > Waffles

[Waffle Boy's Domain of the Waffle](#)

Ultimate resource for waffle lovers features a collection of recipes and a historical overview.

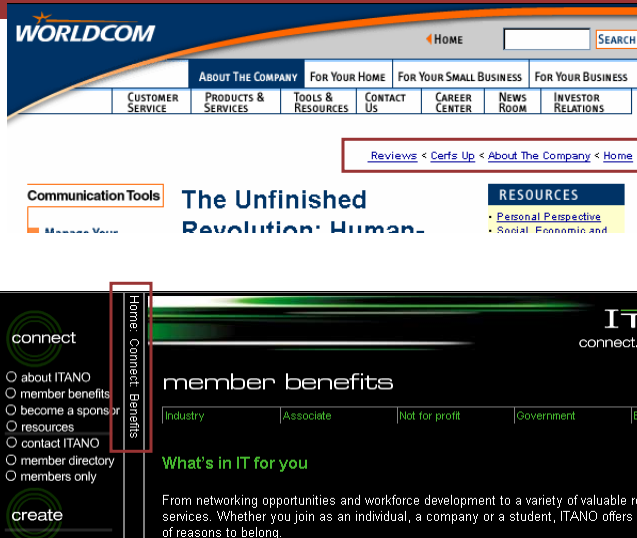
[Waffle Page](#)

Waffle aficionado gives the history of his favorite breakfast food along with a selection of recipes. Check out the humorous trivia section.

Common Location Examples

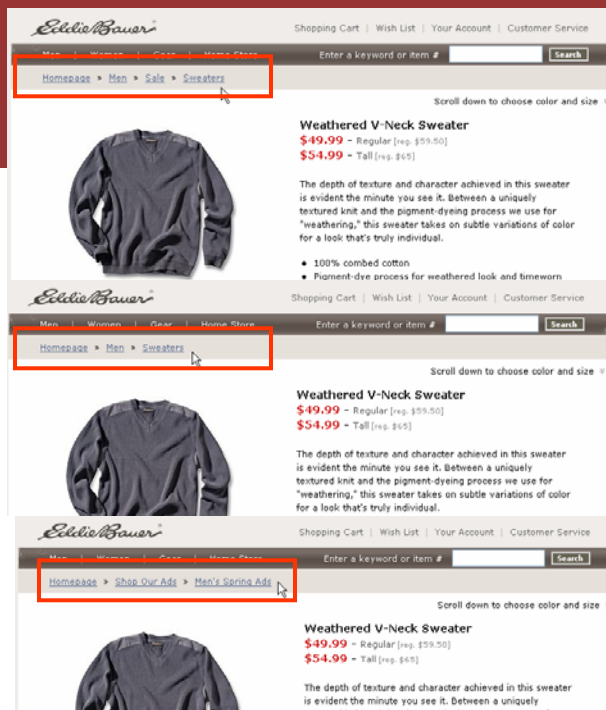
The screenshot shows the IBM website interface. At the top left is the IBM logo. To its right, the text "United States" is displayed. Below the logo and text is a navigation bar with links for "Home", "Products & services", "Support & downloads", and "My account". A dropdown menu is open under "United States", showing "Select a country". Below the navigation bar, the main content area is titled "Medium Business Center" and "Financial services". The "Financial services" section includes a sub-header "Financial services" and a paragraph of text: "The financial-services industry faces tremendous change through a flurry of merger activity, pressures on profit margins, globalization, competition from traditional and nontraditional providers of financial services. Much of the change is driven by e-business and e-commerce, with differentiating factors for future survival and competitive readiness: In this competitive marketplace, the networked world — which provides access to customers and competitors — is disrupting traditional models, which have been geographically focused, product-oriented and controlled growth strategies. How networked is your company?"

Uncommon Location Examples



Definition of Path Breadcrumbs

- Like the Hansel-and-Gretel metaphor – how you got to the current page
- Same result via different paths = different breadcrumbs
- Possible with dynamic sites that retain some aspect of the user's state



Definition of Attribute Breadcrumbs

- Breadcrumb does not represent the whole page, but attributes of it
- Meta-information presented in a breadcrumb-like manner (instead of as a "flat" keyword)
- Tend to be at the bottom or on the side of the page, or near the object they are describing
- Common in e-commerce sites where each product has a large set of attributes
- Could be either path or location breadcrumbs

Google results tell you where each link exists within the ODP

[Advanced Search](#) [Preferences](#) [Language Tools](#) [Search Tips](#)
 Google
 The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)
[Web](#) [Images](#) [Groups](#) [Directory](#)
 Searched the web for **monty python and the holy grail** Results 1 - 10 of about 53,900. Search took 0.06 seconds.

[Welcome to PythOnline!!](#)
 Continue.
 Category: [Games > Video Games > ... > Adventure > Graphical Adventures > Monty Python Games](#)
www.pythononline.com/ - 2k - [Cached](#) - [Similar pages](#) The video game company

[Monty Python & the Quest for the Holy Grail Game Hints](#)
 ... site on the Web. This site is dedicated to providing hints for the 7th Level game:
Monty Python & the Quest for the Holy Grail. Stop spanking those virgins ...
 Description: Hyperlinked hints, information, and a walkthrough
 Category: [Games > Video Games > ... > Monty Python and the Quest for the Holy Grail](#)
home.europa.com/~esk/HGrail/welcome.html - 8k - [Cached](#) - [Similar pages](#) The video game

[Monty Python's Flying Circus](#)
 ... Brain Specialists. ... Search for the **Holy Grail.** Or for
 Mice. ... Who is this **"Monty Python?" "Monty Python ...**
 Description: Includes an episode guide, and also a small but searchable compendium of transcribed...
 Category: [Regional > Europe > ... > Programmes > Comedy > Monty Python's Flying Circus](#)
bau2.uibk.ac.at/sg/python/monty.html - 6k - [Cached](#) - [Similar pages](#) The TV show

More Google Results

[CINEMA](#)
 CINEMA. **"Monty Python's Holy Grail"**. This is english
 crazy movie. Do you understand these "BAKA" scenes? ...
 Description: Lego-modeled version of stills from **"Monty Python and the Holy Grail"**.
 Category: [Arts > Movies > Titles > M > Monty Python and the Holy Grail](#)
www.geocities.co.jp/Hollywood/9060/holye.html - 5k - [Cached](#) - [Similar pages](#) The movie

[Monty Python and the Holy Grail CCG homepage](#)
 ... What if my local store does not stock **Monty Python and the Holy Grail**??? ... Check out
 what people are saying about **Monty Python & the Holy Grail** CCG Endorsements. ...
 Description: King Arthur, Sir Lancelot the Brave, and Sir Robin, are featured along with the rest of the outrageous...
 Category: [Games > Trading Cards > Monty Python and the Holy Grail](#)
members.aol.com/telkin/mpgmain.htm - 6k - [Cached](#) - [Similar pages](#) Trading cards

[MontyPython.net The Ultimate Monty Python Site](#)
 ... sale by the time you read this. The long-awaited special edition of **Monty Python**
 and the **Holy Grail** is widely available both online and in many video and music ...
 Description: Massive script and sound site for all things **Python**.
 Category: [Regional > Europe > ... > Performing Arts > Comedy > Monty Python](#)
www.montypython.net/ - 18k - [Cached](#) - [Similar pages](#) The (British) comedy troupe

[Regional > Europe > United Kingdom > Arts and Entertainment > Performing Arts > Comedy > Monty Python](#)

Faceted browsing

- Interaction style where users filter a set of items by progressively selecting from only valid values of a faceted classification system
- Facet values selected in any order the user wishes
- Null results are never achieved
- Leverages faceted classification schemes
- “Slow and steady wins the race” interaction (click-page-click-page)
- Model: drill-down choices “naturally” reflect depth so far

Browse

Here you may browse more than 16,000 recipes — much as you would leaf through your favorite cookbook for inspiration, only better. As you explore, you may filter and narrow the recipes by category.

MAIN INGREDIENT

Beans, Beef, Berries, Cheese, Chocolate, Citrus, Dairy, Eggs, Fish, Fruits, Garlic, Ginger, Grains, Greens, Herbs, Lamb, Mushrooms, Mustard, Nuts, Olives, Onions, Pasta, Peppers, Pork, Potatoes, Poultry, Rice, Shellfish, Tomatoes, Vegetables

CUISINE

African, American, Asian, Caribbean, Eastern European, French, Greek, Indian, Italian, Jewish, Mediterranean, Mexican, Middle Eastern, Scandinavian, Spanish

SPECIAL CONSIDERATIONS

Kid-Friendly, Low Fat, Meatless

PREPARATION METHOD

Advance, Bake, Broil, Fry, Grill, Marinade, Microwave, No Cook, Poach, Quick, Roast, Sauté, Slow Cook, Steam, Stir Fry

SEASON/OCCASION

Christmas, Easter, Fall, Fourth of July, Hanukkah, New Year's, Picnics, Spring, Summer, Superbowl, Thanksgiving, Valentine's Day Winter

COURSE/DISH

Appetizers, Bread, Breakfast, Brunch, Condiments, Cookies, Desserts, Hors d'Oeuvres, Main Dish, Salads, Sandwiches, Sauces, Side Dish, Snacks, Soup, Vegetables

Preparation method = Microwave

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Refine by : [Main Ingredient](#) | [Course / Meal](#) | [Cuisine](#) | [Season / Occasion](#)

Beans (1)	Dairy (9)	Grains (1)	Olives (1)	Poultry (2)
Beef (1)	Eggs (1)	Greens (2)	Onion (3)	Rice (2)
Berries (1)	Fish (2)	Herbs (3)	Peppers (4)	Shellfish (1)
Cheese (5)	Fruits (4)	Mushrooms (2)	Pork (3)	Tomatoes (4)
Chocolate (1)	Garlic (1)	Nuts (3)	Potatoes (9)	Vegetables (23)
Citrus (2)	Ginger (4)			

[ARTICHOQUES WITH GARLIC SAFFRON SAUCE](#)
Gourmet April 1990

[ARTICHOQUES WITH SCALLION TOMATO VINAIGRETTE](#)
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Appetizers (5)	Dessert (7)	Salad (3)	Side (29)	Soup (1)
Condiments (3)	Main Dish (12)	Sauce (1)	Snacks (1)	Vegetables (19)

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[Browse](#) > [Microwave](#) > [Main Dish](#)

Refine by : [Main Ingredient](#) | [Cuisine](#) | [Season / Occasion](#)

Beans (1)	Fish (2)	Mushrooms (1)	Pork (2)	Shellfish (1)
Beef (1)	Ginger (1)	Onion (2)	Poultry (2)	Tomatoes (1)
Cheese (2)	Grains (1)	Peppers (2)	Rice (1)	Vegetables (4)
Dairy (1)	Herbs (2)			

[BRAISED PORK CHOPS WITH PEPPERS](#)
Gourmet June 1990

[BREAKFAST-FOR-SUPPER TOFU BURRITOS](#)
Bon Appétit December 2000

[CHICKEN BREASTS WITH TARRAGON VINAIGRETTE](#)
Gourmet May 1992

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Scanning the 12 items so far

[BRAISED PORK CHOPS WITH PEPPERS](#)
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[BREAKFAST-FOR-SUPPER TOFU BURRITOS](#)
Bon Appétit December 2000

[CHICKEN BREASTS WITH TARRAGON VINAIGRETTE](#)
Gourmet May 1992

[CHINESE-STYLE BRAISED BEEF WITH TURNIPS](#)
Gourmet October 1991

[COQ AU VIN](#)
Gourmet December 1990

[FILLET OF SOLE WITH LEEK SAUCE](#)
Gourmet October 1990

[MUSHROOM BARLEY "RISOTTO"](#)
Gourmet November 1992

[MUSSELS WITH SHALLOTS AND TARRAGON](#)
Gourmet December 1992

[POLENTA WITH VEGETABLES](#)
Gourmet December 1992

[STEAMED FISH FILLETS WITH SCALLION-GINGER OIL](#)
Gourmet June 1991

[TOMATO RISOTTO](#)
Microwave Gourmet
Barbara Kafka
William Morrow and Co., Inc.

[ZUCCHINI WITH JALAPENO MONTEREY JACK](#)
Gourmet July 1993

Chicken main dishes you can prepare in the microwave

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Browse > Microwave > Main Dish > Poultry

CHICKEN BREASTS WITH TARRAGON VINAIGRETTE
Gourmet May 1992

COQ AU VIN
Gourmet December 1990

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COQ AU VIN

Can be prepared in 45 minutes or less.

Makes use of the microwave oven.

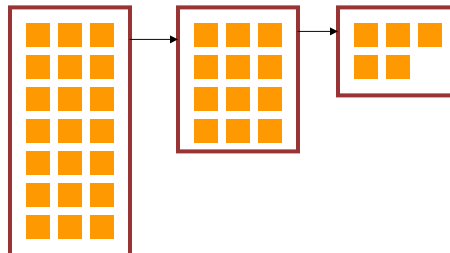
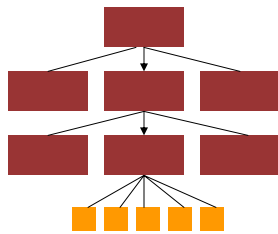
2 slices of lean bacon
10 peeled onions
1 onion, chopped
1 garlic clove, minced
2 tablespoons unsalted butter
2 mushrooms, cut into 1/4-inch slices
1/2 cup chicken broth
1/4 cup dry red wine
1 tablespoon Worcestershire sauce
a pinch of dried thyme
1 whole skinless boneless chicken breast (about 3/4 pound), halved
cooked rice as an accompaniment

Arrange the bacon on a double thickness of microwave-safe paper towels, top it with a double thickness of microwave-safe paper towels, and microwave it at high power (100%) for 2 minutes. Let the bacon cool and crumble it coarsely. In a microwave-safe baking dish combine the peeled onions with 1 tablespoon water and microwave them, covered with a microwave-safe lid, at high power (100%) for 1 minute. Transfer the onions to a bowl, let them cool, and peel them. In the dish microwave the chopped onion and the garlic in the butter, covered with the lid, at high power (100%), among about 2 minutes, for 3 minutes. Add the mushrooms, the broth, the wine, the Worcestershire sauce, the thyme, and salt and pepper to taste and microwave the mixture, covered with lid, at high power (100%) for 10 minutes. Add the chicken, the bacon, and the peeled onions, baste them with the cooking liquid, and microwave the mixture, covered with the lid, for 10 minutes, or until the chicken is cooked through. Serve the mixture with the rice.



Part of a trend: Filtering instead of Hierarchies

- Old days: Click-click-click on categories and finally get to the goodies *at the leaf nodes*
- Trend: One click, get a sample of results ("1-10 of 149"), select a category to get fewer results



The pieces of the faceted browse flow

Top page

Destination page

Middle pages

Pieces of the user interface

Facet history

Facet selection

Results

Search

ADVERTISMENT

Flamenco – An item

Flamenco Fine Arts Search

From the Search Results, after a portrait by Tilly Hertz, and Two Pictures of Beauty, a page from the Lady Court Album.

View 1 of 3 items in results

Filter any link to see items in a related category.

LOCATION

- Asia (845)
- India (130)
- Late Imperial (17)

DATE

- 10th century (2287)
- 1780 - 1789 (192)

OBJECTS

- clothing (2199)
- wares (332)

NATURE

- animal material (328)
- location of waller (2570)
- mammals (1530)

PLACES AND SPACES

- buildings (1577)
- building parts (2128)
- windows (344)

PEOPLE

- women (4221)
- India (5442)
- occupations (542)

SHAPES, COLORS, AND MATERIALS

- colors (2358)
- decorations (1057)
- shapes (1127)
- visual framing (3786)

Select any link to see items in a related category.

more general categories information about this item

MEDIA [drawing](#) (1547)

LOCATION

- Asia (845)
- India (130)
- Late Imperial (17)
- Lucknow (Oudh) School (17)

DATE

- 10th century (2287)
- 1780 - 1789 (192)

OBJECTS

- clothing (2199)
- wares (332)
- book (87)
- letter (8)

NATURE

- animal material (328)
- location of waller (2570)
- mammals (1530)
- fur (126)
- lake (142)
- elephant (55)

PLACES AND SPACES

- buildings (1577)
- building parts (2128)
- windows (344)
- building (1061)
- window (344)

PEOPLE

- women (4221)
- India (5442)
- occupations (542)
- body (19)
- women (887)
- man (2663)
- retailer (10)

SHAPES, COLORS, AND MATERIALS

- colors (2358)
- decorations (1057)
- shapes (1127)
- visual framing (3786)
- gold (190)
- green (441)
- red (455)
- decoration (84)
- floral (202)
- landscape (1690)
- profile (338)

MSN shopping (TVs)

MSN Home | My MSN | Hotmail | Shopping | Money | People & Chat | Sign In | Web Search: [] Go

msn Shopping Shopping alerts | Site Map | Help

Home | Apparel | Bargains | Books | Computing | Electronics | Flowers | Gifts | Home Décor | Jewelry | Kitchen | Sports | Toys | More...

Happy Valentine's Day: Cupid's Favorite Last-Minute Gifts

Search Shopping [] Go

Televisions 1302 results found Page 1 of 66 Next

Sort by relevance Sort by price

Narrow your search

By Price Range

- \$0.00 - \$139.99 (270)
- \$140.00 - \$349.99 (258)
- \$350.00 - \$899.99 (265)
- \$900.00 - \$2,599.99 (249)
- \$2,600.00 - \$21,300.00 (260)
- Show sale items only (879)

By Brand

- Panasonic (155)
- Philips (96)
- Toshiba (96)
- Samsung (94)
- Sony (94)
- Sharp (74)
- XPernev (60)
- ZVC (47)
- More brands...

Featured Stores

- city
- BOSE
- TARGET
- uBid
- RITZ CAMERA
- RadioShack
- More Stores
- LIFE RUSH
- Sprint

TXN098WHE by Samsung Sale from \$929.00
TV, 30 in See all stores & prices

LTN1735 - TV - TFT - 17" by Samsung Sale from \$720.00
TV, 17 in See all stores & prices

42-inch Ultrabright Plasma Display by Gateway Sale from \$2,999.99
See all stores & prices

MSN – Middle page

Search Shopping **Televisions**
\$350.00 - \$899.99 > Sony

Narrow your search 15 results found Page 1 of 1

By Price Range
[\\$350.00 - \\$399.99](#) (6)
[\\$400.00 - \\$499.99](#) (3)
[\\$500.00 - \\$699.99](#) (3)
[\\$700.00 - \\$899.99](#) (3)
[Show all price ranges](#)
[Show sale items only](#) (12)

By Brand
Sony (15)
[Show all brands](#)

Sort by relevance [Sort by price](#)

Compare

 [KV-27FS210](#)
by **Sony**
TV , 27 in
[See all stores & prices](#) **Sale from \$494.99**

Compare

 [KV-32FV310](#)
by **Sony**
TV , 32 in
[See all stores & prices](#) **Sale from \$899.00**

Compare

 [KV-27FV310 - TV - CRT - 27"](#)
by **Sony**
TV , 27 in **Sale from \$594.99**

Recap

- Global – common to the site
- Local – based on the area of the site
- Contextual – based on the page
- Personalized – based on who you are
- Breadcrumb – 3 types (location, path, attribute)
- Faceted browsing – UI for faceted collections

Thanks for your attention!

This presentation and other stuff about navigation, breadcrumbs, faceted browsing:

<http://user-experience.org/>

