

Information architecture

- Construction of a structure or the organization of information
- In a library: combination of the catalog system and the physical layout that holds the books
- On the web: combination of organizing a site's content into categories and creating an interface to support those categories
- For a database: designing the categories and the relationships among them; designing an interface for effective query and maintenance

Information Architecture--Web De

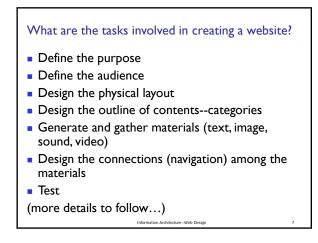
Information architecture

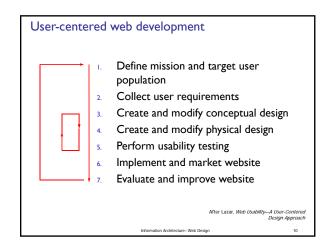
- Has origin in library science
- Early
 - need for organizing printed material
- Now
 - both printed and digital material
 - Large quantity of material
 - Frequent update to collection
 - Highly domain specific
 - E.g., university library system vs. the information system of a business corporation

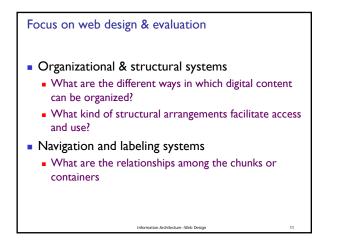
Information Architecture--Web Desi

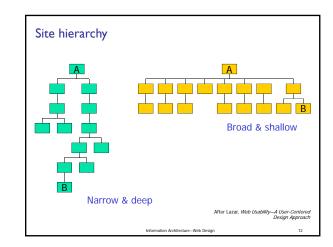
Information architecture draws from many fields

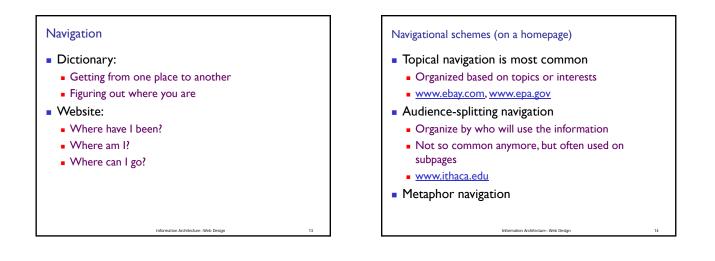
- Library science
- Human-computer interaction
- Computer science
- Media and communication science
- Psychology
- Organizational behavior

















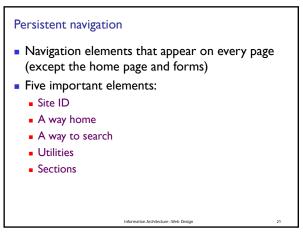
Navigational schemes (on a homepage) Topical navigation is most common www.ebay.com, www.epa.gov Audience-splitting navigation Organize by who will use the information Not so common anymore, but often used on subpages www.ithaca.edu Metaphor navigation Organizational structure navigation Usually for intranet Sitemaps Not technically a navigational scheme, but can be used as one

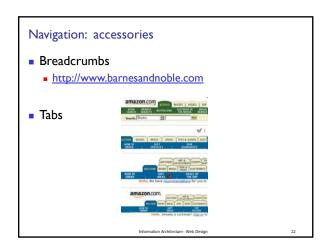
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http://www.delta.com/







Having arrived at a well designed page, you should be able to answer these questions almost immediately:

- What site is this?
- What page am I on?
- What are the major sections of this site?
- What are my options at this level?
- Where am I in the scheme of things?
- How can I search?

http://quicken.intuit.com/basic-money-management/

Information Architecture--Web Desig

The Home page has to accommodate many things...

- Site identity and mission
- Site hierarchy
- Search
- "Teases"—promos
- Timely content
- Deals
- Shortcuts
- Registration
- Show me what I'm looking for
- ... and what I'm not looking for
- Show me where to start
- Establish credibility and trust

The message of the Home page

- Tag line
 - http://www.refdesk.com/
 - http://www.netmarket.com/
- Welcome blurb
- Where do I start?
 - Where to start if I want to search
 - Where to start if I want to browse
 - Where to start if I want to sample the best stuff

Accessibility

- How do you make a webpage accessible to a broad spectrum of audience?
 - What are the advantages and disadvantages of scrollover tabs/menus?

cture--Web De

How should images interact with screen readers?

Principles of display designs Perceptual principles Make displays legible (or audible) Redundancy gain Mental models principles Principle of pictorial realism Principle of the moving part Attention-based principles

