Intranets 101

An Overview of Intranet Development

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Why discuss Intranets?

Intranets are important because:

- increased efficiency

- cost reduction

- probable widespread migration to this platform

Topics

- Definition of an intranet

- Benefits of an intranet

- Applications of intranet technology

- Design styles and issues

- Implementation issues

What is an Intranet?

- Definition of an intranet

An intranet is the use of a TCP/IP network and other Internet technologies within an organization that are used as a way to achieve better results than the traditional means of data access and transfer.
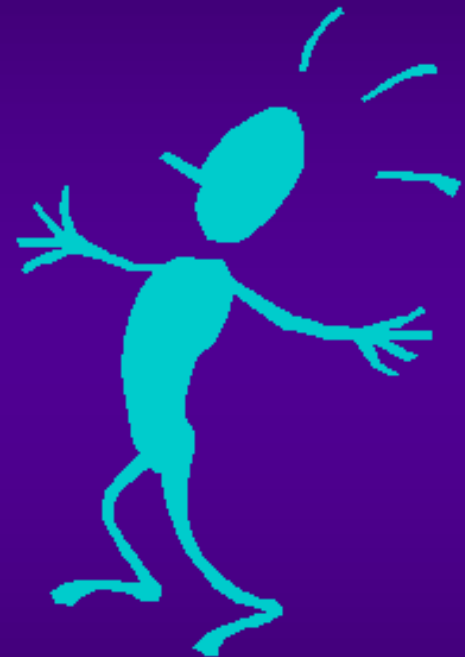
Internet vs. Intranet

- How are they alike?
  - ✓ Both use TCP/IP network protocol
  - ✓ Both use e-mail and World Wide Web standards

- What's the difference?
  - ✓ An intranet is local and private
  - ✓ An intranet has broad bandwidth - more speed
  - ✓ An intranet is more secure
  - ✓ An intranet is regulated

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Benefits of an Intranet

- Quick and easy access
- Platform independence
- Rich information environment
- Faster searches
- Multimedia as well as textual information
- Improved communications

Applications of an Intranet

- Frequently Asked Questions (FAQs)

- Threaded Discussion Groups/Chat Rooms

- Forms

- Policy/Procedure Manuals

- Search

- Contact Lists/Employee Directories

Intranet Design

- Design Styles
    - Hierarchical vs. Horizontal
    - Centralized vs. Decentralized
    - Server Push vs. Client Pull
    - Thin client vs. Fat client
    - Incremental vs. Start from scratch

Intranet Implementation

- Implementation issues:

  - TCP/IP network protocol

  - Firewall security

  - Hardware and software components

  - Platform considerations

Summary

- Definition of an intranet

- Benefits of an intranet

- Applications of intranet technology

- Design styles and issues

- Implementation issues

Resources Used

http://www.cio.com/WebMaster/sem3_intro.html

"Intranets" How the Web is Used Within Enterprises

http://www.intrack.com/intranet/

The Complete Intranet Resource

http://sd.znet.com/~zoro/is698/index.html

Intranets: IS 698: The Information Superhighway

http://www.mindspring.com/~rchris/ct00002.htm

Intranet: Misspelling…or Megatrend?

http://www.csg-i.com/html/clients_specific_intranet_apps.html

Specific Intranet Applications

http://techweb.cmp.com/intranet-build/1e.htm

Intranet Designs: Bauhaus and Beyond

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