

## Chapter 2 - Microsoft Internet Explorer 6

### Outline

- 2.1 Introduction to the Internet Explorer 6 Web Browser
- 2.2 Connecting to the Internet
- 2.3 Internet Explorer 6 Features
- 2.4 Searching the Internet
- 2.5 Online Help and Tutorials
- 2.6 Keeping Track of Favorite Sites
- 2.7 File Transfer Protocol (FTP)
- 2.8 Customizing Browser Settings
- 2.9 Electronic Mail
- 2.10 Instant Messaging
- 2.11 Other Web Browsers

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### Objectives

- In this tutorial, you will learn:

- To become familiar with the Microsoft Internet Explorer 6 (IE6) Web browser's capabilities.
- To be able to use IE6 to search the "world of information" available on the World Wide Web.
- To be able to use the Internet as an information tool.
- To become familiar with e-mail.
- To learn about instant messaging.
- To become aware of the differences between various browsers.

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## 2.1 Introduction

- Internet
  - Medium for communication and interaction
  - Web Browsers
    - Software that allows users to view Web content
      - Microsoft Internet Explorer
      - Netscape Navigator
      - Others

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## 2.2 Connecting to the Internet

- Computer hardware
  - Computer hardware
    - Modem
      - Transmits data over phone lines
    - Network card (NIC)
- Internet Service Provider (ISP)
  - Commercial
    - AOL ([www.aol.com](http://www.aol.com))
    - Microsoft Network ([join.msn.com](http://join.msn.com))
    - NetZero ([www.netzero.com](http://www.netzero.com))

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## 2.2 Connecting to the Internet

- Internet Service Provider (ISP), cont.
  - Considerations
    - Cost
    - Bandwidth
      - Amount of data transferred through communications medium in a fixed amount of time
  - Broadband
    - Constantly connected
    - 100's of kbps (kilo-bits per second)
    - DSL (Digital Subscriber Line)
      - Uses existing phone lines
      - Requires DSL modem

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## 2.2 Connecting to the Internet

- Internet Service Provider (ISP), cont.
  - Broadband, cont.
    - Cable Modem
      - Use cable television lines
      - Requires cable modem
    - ISDN (Integrated Services Digital Network)
      - Uses digital or standard telephone lines
      - Requires a terminal adaptor
  - Dial-up connection
    - Uses existing phone lines
    - Interferes with phone use
    - Must dial-up with modem.
    - Usually 56 kbps (kilo-bits per second)

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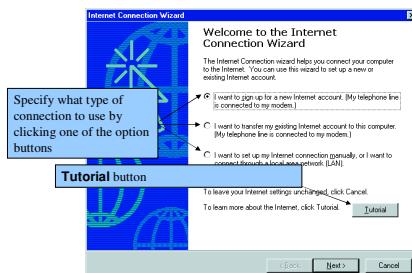
## 2.2 Connecting to the Internet

- Internet Connection Wizard
  - Use this application to configure computer's Internet connection.
  - Start > Programs > Accessories > Communications > Internet Connection Wizard**
  - Tutorial available on Windows 2000

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## 2.2 Connecting to the Internet

Fig. 2.1 Internet Connection Wizard helps configure Internet access.



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## 2.3 Internet Explorer 6 Features

- Web browser
  - Program which displays Internet content
    - Microsoft Internet Explorer 6
    - Netscape 7.1
  - URL (Uniform/Universal Resource Locator)
    - Web page address
      - HTTP (hyper-text transfer protocol)
      - Protocol for transferring data over the Internet
    - Type in **Address** field
  - Hyperlinks
    - Graphical or textual elements
      - Click to link to another Web page
      - Loads new page into browser window

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## 2.3 Internet Explorer 6 Features

- Web browser, cont.
  - History
    - Lists recently visited Web sites
    - Forward/Back** buttons
    - Refresh** button
    - History** button
      - Divides window and lists recently-visited sites on left

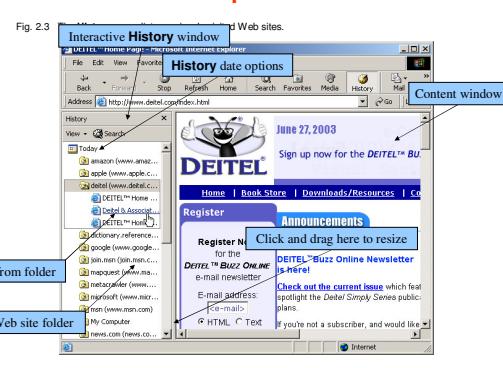
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## 2.3 Internet Explorer 6 Features



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## 2.3 Internet Explorer 6 Features



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## 2.3 Internet Explorer 6 Features

- Web browser, cont.
  - Autocomplete
    - Completes Web address as it is being typed
    - Completes form information as it is being typed
  - File options
    - Save Web page for off-line use
      - File > Save As
    - Save pictures from a Web site
      - Right click image
      - Choose Save Picture As...

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## 2.3 Internet Explorer 6 Features

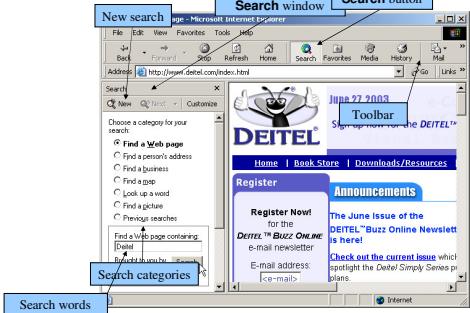
Fig. 2.5 Saving a picture from a Web site.



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## 2.5 Online Help and Tutorials

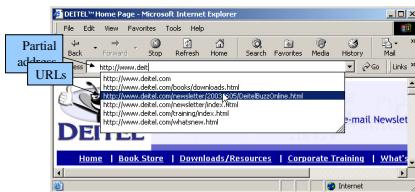
Fig. 2.6 Searching the Internet with IE6.



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## 2.3 Internet Explorer 6 Features

Fig. 2.4 AutoComplete suggests possible URLs when given a partial address.



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## 2.4 Searching the Internet

### • Search engines

- Web sites that sort through by keywords and categories
  - Google ([www.google.com](http://www.google.com))
  - Yahoo! ([www.yahoo.com](http://www.yahoo.com))
  - Lycos ([www.lycos.com](http://www.lycos.com))
  - Altavista ([www.altavista.com](http://www.altavista.com))
- Store information in databases
- Returns list of sites as hyperlinks

### • Meta-search engines

- Do not maintain databases
- Aggregate results from multiple search engines
- Microsoft Network ([www.msn.com](http://www.msn.com))
  - Click Search button in toolbar
- MetaCrawler ([www.metacrawler.com](http://www.metacrawler.com))

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## 2.5 Online Help and Tutorials

### • IE 6 built-in help feature

- Help > Tour
  - Overview of IE 6
- Help > Contents and Index
  - Search for help on specific topic

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## 2.5 Online Help and Tutorials

Fig. 2.7 IE6 Help dialog.



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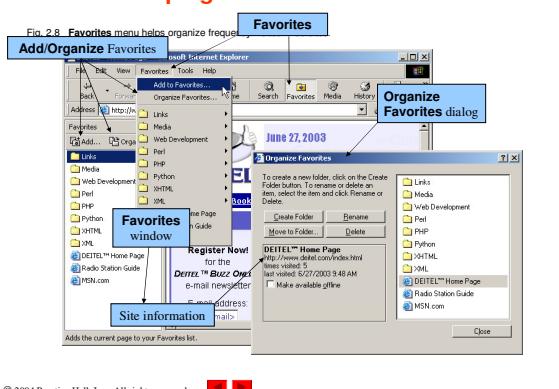
## 2.6 Keeping Track of Favorite Sites

- Favorites

- List organizes frequently-visited sites
- Add sites to list
  - Favorites > Add to Favorites...**
- Organize list
  - Favorites > Organize Favorites...**

## 2.6 Keeping Track of Favorite Sites

Fig. 2.8 Favorites menu helps organize frequently visited sites.



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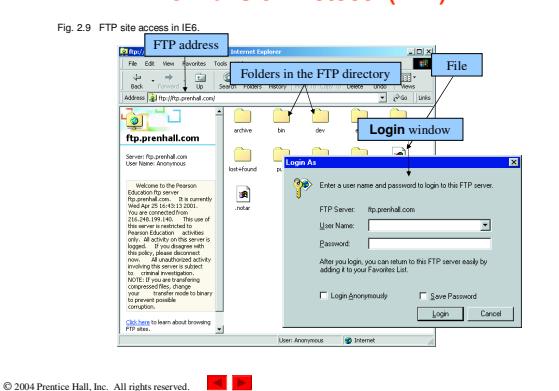
## 2.7 File Transfer Protocol (FTP)

- Downloading

- Transfer files from remote servers over the Internet to a local computer
  - Usually applications, browser plug-ins or files
  - Plug-ins
    - Applications which work with Web browsers to add functionality
      - Shockwave ([www.shockwave.com](http://www.shockwave.com))
      - Adobe Acrobat ([www.adobe.com](http://www.adobe.com))
- Use FTP (File Transfer Protocol)
  - ftp://**
  - FTP site
    - May require login and password
    - Right click file in FTP directory and copy to hard drive

## 2.7 File Transfer Protocol (FTP)

Fig. 2.9 FTP site access in IE6.



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## 2.8 Customizing Browser Settings

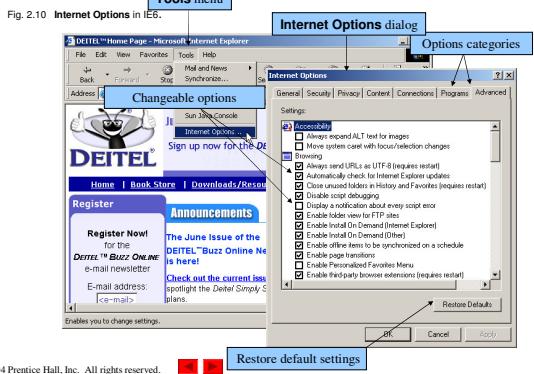
- Internet Options

- Tools > Internet Options...**

- Settings
  - Advanced**
    - Slow connection
      - Turn off images
  - Programs**
    - Setting default programs for e-mail and newsgroups
  - Security**
    - Four levels of security
  - General**
    - Set default home page
    - Adjust amount of disk space used for cache

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## 2.8 Customizing Browser Settings



## 2.9 Electronic Mail

- E-mail (electronic mail)
  - Delivers formatted messages over Internet
  - E-mail address
    - [username@domainname](mailto:username@domainname)
  - Email Programs
    - Eudora
    - Pegasus
    - Outlook Express
  - Free email accounts
    - Hotmail ([www.hotmail.com](http://www.hotmail.com))
    - Yahoo! ([mail.yahoo.com](http://mail.yahoo.com))

## 2.9 Electronic Mail

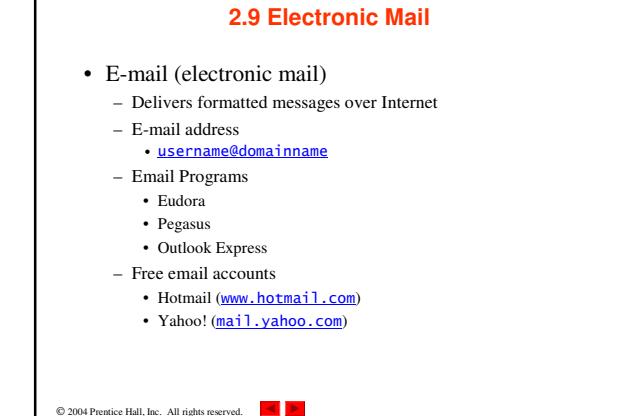
- E-mail (electronic mail), cont.
  - Post Office Protocol (POP)
    - Remote server
    - Download to local client
    - E-mail scattered
  - Internet Message Access Protocol (IMAP)
    - Manipulate messages directly on server
    - Access all your e-mail from any machine
  - Simple Mail Transfer Protocol (SMTP)
    - Used to send e-mail

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## 2.10 Instant Messaging

- Instant Messaging
  - Communicate (“chat”) in real time
  - Send audio, video and files
  - Several popular services
    - AOL Instant Messenger ([www.aim.com](http://www.aim.com))
    - Yahoo! Messenger ([messenger.yahoo.com](http://messenger.yahoo.com))
    - ICQ ([web.icq.com](http://web.icq.com))
    - MSN Messenger ([messenger.msn.com](http://messenger.msn.com))
  - Trillian ([www.trillian.cc](http://www.trillian.cc))
    - Able to communicate with all of the above

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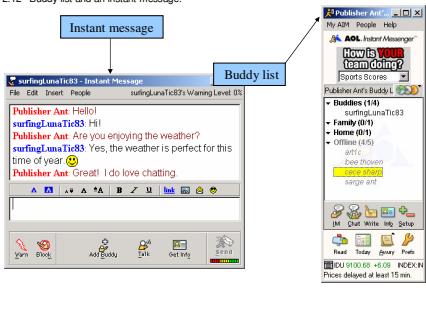
## 2.10 Instant Messaging

- Instant Messaging, cont.
  - Some instant messaging tools designed for collaboration
    - NetMeeting
    - Windows Messenger
    - Include whiteboard feature to share drawings
  - Screen name
    - Unique identifier
  - Buddy List
    - Maintains list of screen names

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## 2.10 Instant Messaging

Fig. 2.12 Buddy list and an instant message.



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## 2.11 Other Browsers

### • Alternatives to Internet Explorer and Netscape

- Offer new/different features and layout engines
  - Mozilla ([www.mozilla.org](http://www.mozilla.org))
    - Uses Gecko layout engine, basis for Netscape 7.1
  - Opera ([www.opera.com](http://www.opera.com))
    - Lightweight
  - Amaya ([www.w3.org/Amaya](http://www.w3.org/Amaya))
    - Browser/editor
    - Demonstrates W3C standards
- Each layout engine displays websites differently
  - Testing on multiple browsers important

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## 2.11 Other Browsers

Fig. 2.13 Mozilla web browser.



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