

The Internet and the World Wide Web

The World Wide Web is the fastest growing Internet service. Through the WWW you can view images, look at film clips, hear sound recordings, and find information on many interests. As of fall 1997, over 500,000 computers around the world provide information on the WWW, in an estimated 100 million web pages through which perhaps billions of individual documents are accessible. One knows the size of the Web. The WWW's growth is about a 50% increase per year. Though there is much to learn about the Web, most people can find valuable and interesting information the first time they use browsers. You can move from page to page to browse the Web. Each page contains links and/or picture links to other Web pages. When you click a new link, a new Web page appears.

WWW Browsers: Netscape, Internet Explorer

World Wide Web is the name of a body of information on the Internet, and browsers, such as Netscape, are the tools that allow you to display it. These programs allow WWW information to display properly on your screen. Netscape and Internet Explorer are just two of the popular WWW graphic browsers that allow you access to images, films, and sound via the Internet.

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Uniform Resource Locators: URLs

URLs are the addresses of documents available on the Internet. With a URL, you can go directly to a specific document, rather than by selecting links from other documents

Example: **<http://www.lib.berkeley.edu/TeachingLib/About.html>**

http:// - This is part of the URL defines the 'internet protocol' for the document. For example, http:// indicates that the document is unique to the World Wide Web.

www.lib.berkeley.edu/ - This part of the URL defines the address where the document is stored. It tells your WWW Browser which specific machine to connect to.

TeachingLib/ - This part of the URL is the directory or path of the document. It indicates exactly where on the machine your document is located. There may be many directory names listed here.

About.html – The very end of the URL is the name of the document itself. The .html indicates that the document is in hypertext. This last section of the URL may sometimes be omitted.

The Toolbar

You can use the toolbar for quick access to pages that you have already viewed.

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Netscape Communicator toolbar:



Internet Explorer toolbar:



AOL 4.0 toolbar:



Toolbar buttons:



The Back button returns you to the previous page that you displayed. The previous page appears. The Forward button takes you to the next page when retracing your steps.



The Home button makes it easy to return to the Home Page.



Use Reload if you have stopped a page and you want it to start loading (or coming back) again.

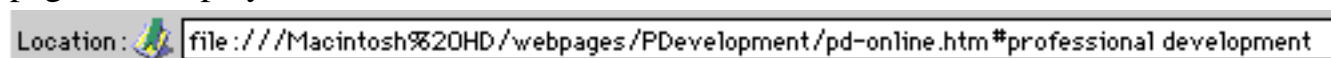


Use Print to print a web page.



Use Stop if a web page is taking a really long time to load, or if you decide you don't really want to look at it.

If you know the URL address for a specific page that you wish to display, you can type the URL directly in the Location and press the Return key on your keyboard. Then the page will display.



Many browsers offer access to search engines to locate information. These tools help

you perform keyword searches of titles, files, indices and directories. Then you can access items directly from the list of search results. You can do this using the New Search button. The Net Search page appears. It contains links to several search engines. Once the search page appears, it will offer categories to help you narrow your search. The search results appear. You can click an item on the list of search results to display it. Each search tool searches its own database. Databases may contain overlapping information, but each is unique. If one search tool does not locate information on your topic, try another.

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Troubleshooting

URL Not Found

1. Verify that you have not made a typing error in the address.
2. Try a different location at this site. Backspace to the last / and press Return. For example, enter `http://www.sample.com/` instead of `http://www.sample.com.homepage.html`
3. Investigate if the site has a new address. Use the Net Search tools to search for the new address.

Server Not Located

1. Verify that you have not made a typing error entering the server name in the address.
2. Try the address again at a later time. There may be heavy traffic at the server, or the server may be down for maintenance.
3. If you continue to receive this error message, you may wish to use the Net Search tools to search for the correct name for the server.

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Internet How-tos

To open an URL

Enter a web address to connect to a web site

To go back to a previous page

Click on the BACK button at the upper left of the screen to return to the last page viewed

To scroll both vertically and horizontally

Point to the vertical bar to the right of the web page and click on the little black vertical arrow at the top which points up, and then on the arrow at the bottom of the scroll bar which points down. The horizontal scroll bar at the bottom works the same

To print an web page

To print any web page click on the print button at the top of the screen or select the Print option from the "File" pull-down menu

To use cut and paste with text

Open a new document with any word-processing program and return to the browser. Hold the left or single mouse button down and drag it across text from any web page until the text is highlighted. From the "Edit" pull-down menu at the top of the screen select "COPY" (while the text is still highlighted.) Return to your word-processing document and select from the "EDIT" menu the "PASTE" option. Repeat the process until you are comfortable with the steps

To save any image or web page

Point to any image on any web page and:

For PC's: Hold down the RIGHT button and select 'Save Image As' and save this image wherever you like. You can then use the "Insert Image" of your word-processing or graphics programs to use the image with your own files. Be aware of copyright issues. For Mac's: Hold down the single mouse button and select "Save Image As," and save the image. Note you can "Copy this image" which allows you to "PASTE" it in any document. Be aware of copyright issues.

To use the browser's search button

Click on the SEARCH or Netsearch button at the top of your browser. Review the entire web page noting multiple search engines are listed in addition to the one that presents a white bar for keywords.

To search using single keywords

In the Altavista white bar near the middle of your screen enter a single word on a topic of interest to you, such as "dinosaurs" and either click the "Search" button to the right of, or below the white bar or just press "Enter/Return" key. Within a few seconds the results will appear but you may not see them until you scroll down past the top portion of the page.

To search using multiple keywords

Click the BACK button to return to your original search screen. Change your search to "dinosaurs AND birds" and search again. Notice the number of pages retrieved is fewer. The more key words you use, the fewer and more specific resources you'll retrieve. Using 'dinosaurs OR birds' will retrieve any MORE pages than using dinosaurs alone.

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