

DEVELOPING AND MAINTAINING A WORLD WIDE WEB SITE

ON A SMALL COLLEGE CAMPUS

TUTORIAL PRESENTATION

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The World Wide Web (WWW) is the fastest growing information service available on the internet. This popularity is primarily attributed to the WWW's built-in, intuitive design, the vast number of PC based, graphical user interfaces on the market and the growing availability of internet service providers. Because of this popularity, the WWW is seen in almost every corner of our lives. Federal, State and Local Governments, all sorts of businesses, schools at every level and even private citizens have their hand in receiving information from the WWW and are also posting information to the WWW.

This Tutorial is designed to introduce individuals to the art of developing and maintaining a WWW site. A small school perspective will be emphasized during this tutorial. Four distinct components will be discussed: WWW History, WWW Clients, WWW Servers and WWW Authoring. When the individual has a good understanding of these topics, they should be able to manage their own WWW site.

WWW HISTORY

The WWW is one service provided within the internet. A brief introduction to the internet will, therefore, start things off. A historical look at the development of the WWW will then be given followed by a look into its possible futures. The Client/Server model will then be discussed.

WWW CLIENTS

The Client portion of the WWW is more commonly called the "Browser Software." Numerous browsers are on the market. Both text-based versions and graphical user interfaces are available. Different products provide different services (secure data transmission, .jpg viewers, etc...) and versions exist for a variety of platforms. We will discuss the many considerations for selecting a browser which meets your system's needs.

WWW SERVERS

Maybe the most important aspect of maintaining a WWW site involves supporting a WWW server on your system. The server program is the one that responds to requests from clients all around the world. This software must be up and running for the world to be able to access your site's information. We will discuss many of the aspects of setting up a server

and providing it with the appropriate configuration for doing image maps, forms, email and much more.

WWW AUTHORING

Authoring is the practice of compiling and formatting the information which will be retrieved by Web surfers. While providing a Web server is critical, the information which you provide might become even more critical. A "bad" WWW site is much worse than no site at all. We will discuss the components of preparing Web pages that include multimedia and some considerations for "good" style.