1 Web Services

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Using web services in the UNIX/LIONS Environment.

Contents

1 Web Services 1
1.1 Please Read! 1
1.2 DISCLAIMER 2
1.3 Creating The public_html Directory 2
1.4 Creating and Updating your Web Pages 2
1.5 Accessing Your Web Pages 3
1.6 Setting Up The “cgi-bin” Directory 3
1.7 Web FTP Tutorial 4

1.1 Please Read!

LIONS was developed to provide the university with general purpose UNIX-based computing and research facilities. While LIONS is perfectly capable of serving web pages, the University supports an environment that may be more appropriate for departmental and college web sites. Additional information on university web development resources is available at:

https://ww1.odu.edu/facultysta□/communication/website/wrp

As explained on the UNIX/LIONS page under the Introduction to LIONS tab, faculty and sta□ may request the ability to host a university related web page from their LIONS account by sending a request to itshelp@odu.edu and then creating a public_html directory via the directions in the next section. In most cases students may obtain this ability through the authorization of a department representative, meaning, that their ability 40poo

1.2 DISCLAIMER

PLEASE NOTE THE FOLLOWING: While the LIONS support sta maintains the web server software, we are unable to assist with the creation and design of your web site. There are several online tutorials as well as some excellent books on how to make your pages as professional as possible. In addition, the central university web services is more than capable of assistance in creation of web pages which utilize their services. Please view the link above or email webcomm@odu.edu for more information.

1.3 Creating The public_html Directory

Your les should be placed into a folder in your LIONS home directory called

public_html

This directory should have the proper permissions set so that the web server can access it's contents. (Departmental and organizational directories should already have their permissions set correctly by us. If not, please let us know.) Once we have made your LIONS account web-capable , please follow these instructions for setting up the public_html directory:

1. Log into a LIONS workstation in your department or into in-login.lions.odu.edu. (For help on this, please see the UNIX/LIONS page under the Remote Access tab. NOTE: You will not be able to log into www.lions.odu.eduas that is a restricted machine and you will see an error message telling you so).

2. Once logged in, enter the following command at the unix shell prompt:

   /nfs/lions.odu.edu/noarch/bin/mkpublic_html

   This command will create youpublic_html directory and set the permissions correctly such that the webserver can access your content.

Please note that even if you create thepublic_html directory without issuing the mkpublic_html command, you can always rerun it over again at any time, and your le permissions will be set properly..

1.4 Creating and Updating your Web Pages

To create/update your pages, you can use these methods:

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