

# Web Publishing I

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Two helpful web sites, that we will use later in this workshop, are:  
Web Publishing Curriculum Resources: <http://libweb.uoregon.edu/it/webpub/>  
WebSafe Colors: <http://www.mensinghe.nl/colorDavid/>

## Step One: Creating a Web Page

Open up a word processor. On the PCs in this classroom, we will use Notepad, a text editor that comes with Windows. Click on **Start**, then **Run**. Type: **notepad** Click: **OK**

1. Create the following in Notepad:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>

<head>
<title></title>
</head>

<body>

</body>
</html>
```

This is the basic skeleton structure of an HTML document (web page): a document type statement, html tags, head tags, title tags, and body tags.

2. Now, we'll put some "flesh" or content onto our skeleton.

3. Once you have the content the way you want it, save this file in the **My Documents** folder.  
File name: **index.html** [lower case, please]  
Save as type: **Text documents**  
Click on **Save**

4. Now open up your web browser (Internet Explorer), and take a look at what you've created:

- Go from **File** to **Open**
- Click **Browse**
- Look in the **My Documents** folder.
- Double click on **index.html** (the name of your file)
- Click on **OK** to view your file

Notice that the file name in the Address bar starts with **C:\...** indicating that the browser is reading the file from your hard drive, rather than from a web server. You're not on the web yet; but you're getting there.

5. Our demo web page doesn't look at all like the way we intended, so let's make some changes. When we make any changes to our Notepad file, we must be sure to:

- a. **save** them
- b. **"refresh"** our web site, to view the changes.

## Step Two: Publishing Your Web Page on Gladstone or Darkwing

These instructions apply to PC users, but the concepts work equally well on an Apple computer.

A. The **first** time you publish a web page, you need to create a `public_html` folder in your Darkwing or Gladstone account, in which to put your web files, graphic images, etc. You need to do this only once.

1. Open a file transfer program (FTP). On the PC in this classroom, you will use Secure File Transfer Client. (Click on **Start**, then **Programs**, then **Internet**, then **Secure File Transfer Client**)
2. Secure File Transfer Client instructions:
  - a. Press **Enter**
  - b. Enter Host Name: **gladstone.uoregon.edu** or **darkwing.uoregon.edu**
  - c. Enter your computer account **User name**:
  - d. Click on **Connect**
  - e. A box may appear, asking if you want to save the new host key. Click on **No**
  - f. Enter your computer account **Password**:
  - g. Click **OK**
3. From **Operation**, pull down to **New Folder**.
4. Type **public\_html** as a folder label and click anywhere to establish the folder.

B. **Each time** you publish a Web page, you put the HTML file that you create (along with any images, sound files, etc. that you use) into that `public_html` folder. Do this now with your `index.html` file:

1. Double-click on the **public\_html** folder icon to open it.
2. You will see two columns: **Local name** and **Remote name**.
3. Drag the **index.html** file from Local name, and **drop it in the Remote name** column. This will move the file from your computer to the `public_html` folder within your computer account (Darkwing or Gladstone).

Test your new Web page by opening it on your Web browser. The URL (or address) for your page will be in the form:

`http://darkwing.uoregon.edu/~yourusername/index.html`  
or `http://gladstone.uoregon.edu/~yourusername/index.html`

### *Now you've published a Web page!*

C. Go to your **Notepad** file and **exit**. Do not save your file. You will be able to get to it again, from any computer. Here's how:

1. Go to your web page.
2. From **View**, pull down to **Source**. You will see the "code" or HTML structure of your web page, brought up in a Notepad file.
3. From **File**, pull down to **Save as**. (NOT Save)
4. In **File name**, type: **index.html**. Save in the same **My Documents** folder, replacing any existing `index.html` file.

### Step Three: Making Changes to Your Web Page

You can always edit or make additional enhancements to your web page. Here are the steps:

1. Make your changes in the Notepad file.
2. Save your changes.
3. In your FTP program, transfer the file from Local to Remote.
4. "Refresh" your web site.

We're going to enhance your web page by emphasizing some text, creating "hot" links to a couple other web pages, putting in background color to your page, and adding a graphic image.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>

<head>
<title>demo web page</title>
<style type="text/css"><!--
  body {background-color: #CCCCFF; color: #000000;}
--></style>
</head>

<body>
<h2>[Your name]'s Experimental Web Page</h2>

<p>The purpose of this site is to <strong>give me some practice</strong> in constructing a web
page.</p>

<p>Here are some useful web sites:
<ul>
<li><a href="http://libweb.uoregon.edu/it/webpub/">Web Publishing Curriculum
Resources</a></li>
<li><a href="http://www.mensinghe.nl/colorDavid/">WebSafe Colors</a></li>
</ul></p>



[Your name]<br />
January 2004
</body>
</html>
```

When you are done, **close out all programs** on the computer, especially the file transfer client.