

Building a Class Web Page

Michael Nielsen

Department of Statistics and Actuarial Science
The University of Iowa

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Step 1: Create A Basic Web Page

- Run `mkpub` at Linux command prompt
 - Creates personal web directory (`/homepage/username`)
 - Creates file for your home page (`index.html`)
- Directory can be mapped to Windows machine
 - `\\webedit.divms.uiowa.edu\homepage`
 - No need to include your user name
- URL
 - `http://www.stat.uiowa.edu/~username/`

Step 2: Edit Your Web Page

- Use Nvu
 - A WYSIWYG html editor
 - Open source equivalent of Adobe Dreamweaver, etc.
 - Available on Linux workstations
- Use a text editor
 - Requires some knowledge of html

- Directory permissions
 - Web directories must have execute permission for other.
- File permissions
 - Files must be in your web directory
 - Files must have read permission for other.
- Fixing permissions
 - Run `fixpub` at Linux command prompt
 - Fixes permissions on your Web files and directories
- Autoindexing
 - Without a file called `index.html`, the web server will display a list of all files and directories in that directory.

HTML (hypertext markup language)

- Markup Language - a system for annotating text (i.e., providing typesetting instructions)
 - Markups are eliminated from display version of text
 - Familiar Example - Latex
- HTML tags tell the browser how documents should be interpreted and displayed
 - `<tag>` = start tag
 - `</tag>` = end tag

HTML - Basic Structure

```
<!DOCTYPE html>
<html>
  <head>
    <title>Hello HTML</title>
  </head>
  <body>
    <p>Hello World!</p>
  </body>
</html>
```

HTML - Some Useful Tags

- `
` = line break
- `<!-- TEXT -->` = comment
- `` = unordered (bulleted) list
- `` = list item
- `<table>` = defines an HTML table
- `<tr>` = defines a table row
- `<td>` = defines a table cell
- `<a>` = defines an anchor - used to link to other documents

Example:

```
<a href="S008/handouts/SelfTest15.pdf">  
  2 Sample Inference (equal variance)  
</a>
```

General Tips

- Use Latex for attached files
 - Word doesn't save formulas very well in pdf format
- Use sub-pages
 - Improves organization
 - Allows differing levels of security

Useful Resources

- <http://www.w3schools.com>
- <http://www.divms.uiowa.edu/help/web>
- “View Source”