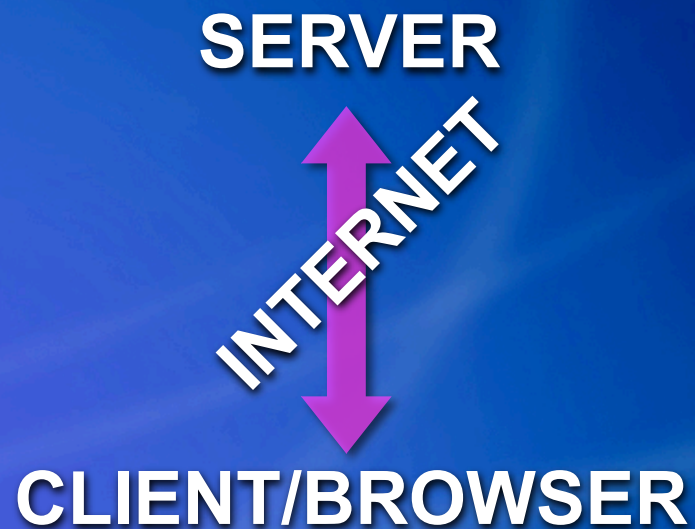


The background is a deep blue color with several glowing, ethereal light trails that curve across the frame. On the left side, there is a prominent, glowing white circle with a bright point at its top, resembling a stylized orbit or a signal path. The overall aesthetic is futuristic and digital.

HTML and the WWW

WorldWideWeb

Internet \neq WWW



A Web Page is...

a document that describes to a browser how to draw a visual page on a computer and how to interact with various elements.

composed of elements to be displayed and instructions about how to display the elements - HTML, Javascript, CSS, etc.

Some Basics...

- **HTML - Hypertext Markup Language**
- **URL - Universal Resource Locator**
- **TAG - instructions within HTML**

HTML

HOPE
THE

MESS
LOADS



HTML

- **Hypertext Markup Language**
 - Started as links from a word to some other 'place' within a document using tags
 - Eventually included formatting tags

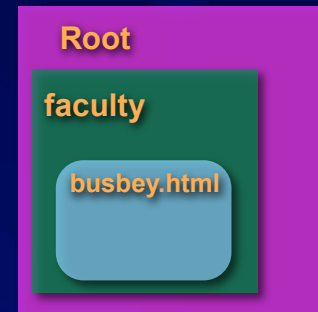
URL

Subdomain

138.237.182.2

Domain

Computer



Protocol

Subdirectory

<http://www.geo.tcu.edu/faculty/busbey.html>

Host - alias for
an IP address

Webpage
(.html or .htm)

TAGs

Hello - click [here](#) to find out what to do.

Right?

```
<b>Hello</b>-click  
<a href="http://www.tcu.edu">here</a>  
to find out<br>  
what to do.<p><i>Right?</i></p>
```

Root

index.html
index.htm
default.html

Common Tags

- Bold - `xxx`
- Italics - `<i>xxx</i>`
- Line break - `
`
- Paragraph - `<p>xxx</p>`
- Graphic - ``
- Link - `xxx`

Local and Remote Links

- Local link (same directory -same computer) `link`
- Distant link (different computer) `link`

Nest Tags

Bold & Italics - `<i>Bold & Italics</i>`

[Click here](#)



```
<a href="nextpage.html">Click here</a>
```

Online HTML Refs

- <http://www.cosy.sbg.ac.at/~lendl/tags.html>
- http://www.web-source.net/html_codes_chart.htm
- <http://www.htmlhelp.com/reference/wilbur/list.html>
- <http://werbach.com/barebones/barebones.html>

HTML: How to???

- Write your own - plain text editor or HTML editor.
- Translate from another program - frequently has errors.
- Graphical editor - design the page and the program generates the HTML
- Beg, Borrow & Steal - use HTML from other web pages that look good

Examples

- **MS Word = worst possible HTML generator - NEVER USE UNLESS BRAINDEAD**
- **Canvas - hmmmm**
- **FrontPage - also stinks**
- **iWeb (on all the Macs) - ok...**
- **Dreamweaver - best of show**

Designing

- Design for 800 x 600 (at first)
- Plan page layout before you begin
- Remember.....
 - Different browsers and browser versions
 - Different monitor sizes
 - Different color depths
 - Different platforms
 - Different fonts

Graphics

- JPEG - high color dimensionality - photos - > 256 colors
- GIF - Simple colors, transparency and animations.
- No more than 80 dpi
- No more than 4 to 5 inches wide
- Extensions important



Resources

[Center for GIS and Remote Sensing](#)

[Graduate Brochure On-Line!!](#)

[Are these ancient metazoans?](#)
(Includes downloadable images)

[TCU's Oscar E. Monnig Meteorite Collection](#)

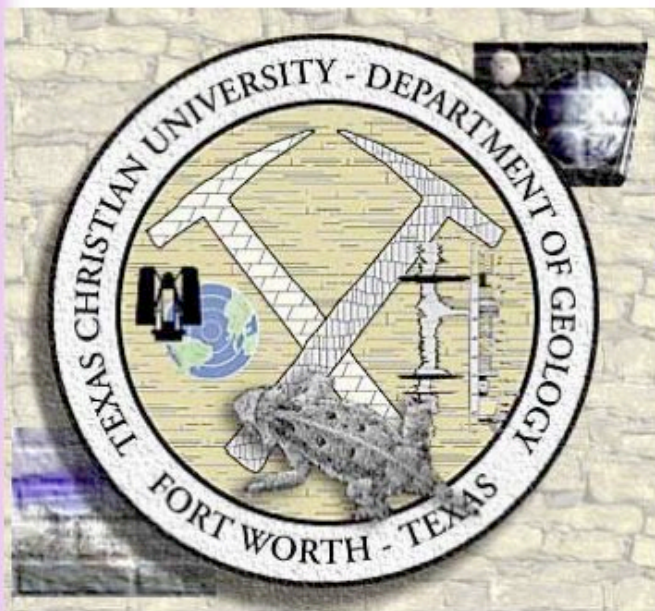
[Some Earth Science Pointers](#)

[Macintosh Geological Software](#)

[Big Bend National Park](#)

[Crocodilians on the Net](#)












[Quick and Simple HTML with PageSpinner™](#)



The TCU Department of Geology offers two different undergraduate geology degrees and a Master of Science in Geology. The B.S. and B.A. degrees in Geology follow a more classical geological route, while the B.S. in Environmental Earth Resources substitutes some more environmentally-oriented classes.

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since 5/18/96.

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-  [Sigma Gamma Epsilon](#)



Search the TCU Intranet.

As you work...

- **Use online help facilities**
- **Use some of the URLs as tag references**
- **Frequently look at your document**
- **Ask for help if you get stymied**