

“More about HTML”

20 April 1999

Administrivia

- 4 handouts in back (including this one)
- Assignment 9 is due this week; assignment 10 is due next week
- Successful study group: Saturdays, 11:00 AM
- Tutoring: contact me
- Focus group: Saturday, 1 May 1999, 11:00 AM

Topics

- Hyperlinking
 - `[name of link]`
 - `[name of link]`
- Style: to capitalize or not to capitalize; “white” space
- Frames
 - `http://www.courses.fas.harvard.edu/~csciel`
 - *The Complete Idiot's Guide to Creating an HTML 4 Web Page*: chapter 13
- Image maps
 - `http://frogman.student.harvard.edu`
 - Using Adobe Photoshop to find (x, y) coordinates
- Embedding animation, sound, and video
 - GIF89a
 - `EMBED` tag and `SRC` attribute
 - `http://www.3dfx.com`
- Server-side includes (SSI)
 - `http://www.courses.fas.harvard.edu/~csciel/ssi.html`
 - Advantages: dynamic output; elimination of redundancy; easier to update pages
- Cascading style sheets (CSS)
 - Style
 - `http://www.courses.fas.harvard.edu/~csciel/css.html`
 - `http://www.webreference.com/dev/style`
 - Layout
 - `http://developer.netscape.com/docs/examples/dynhtml/dragable/dragableDemo.html`
- Dynamic HTML (DHTML)
 - Cascading style sheets HTML, JavaScript
- HTML editors
 - BBEdit, Claris HomePage, Microsoft FrontPage

“Debugging” HTML one last time

Task 3

```
<HTML>
<HEAD>
<TITLE>
A page of sentences
</TITLE>
</HEAD>

<BODY>

                <CENTER>
                This sentence is centered.

This sentence is flush-left.

<H1>This sentence is <I>really</I>small.</H1>

</BODY>

</HTML>
```

Parsing HTML

```
<HTML>
<HEAD>
<TITLE>The Matrix</TITLE>
</HEAD>

<BODY BGCOLOR="#ffffff">

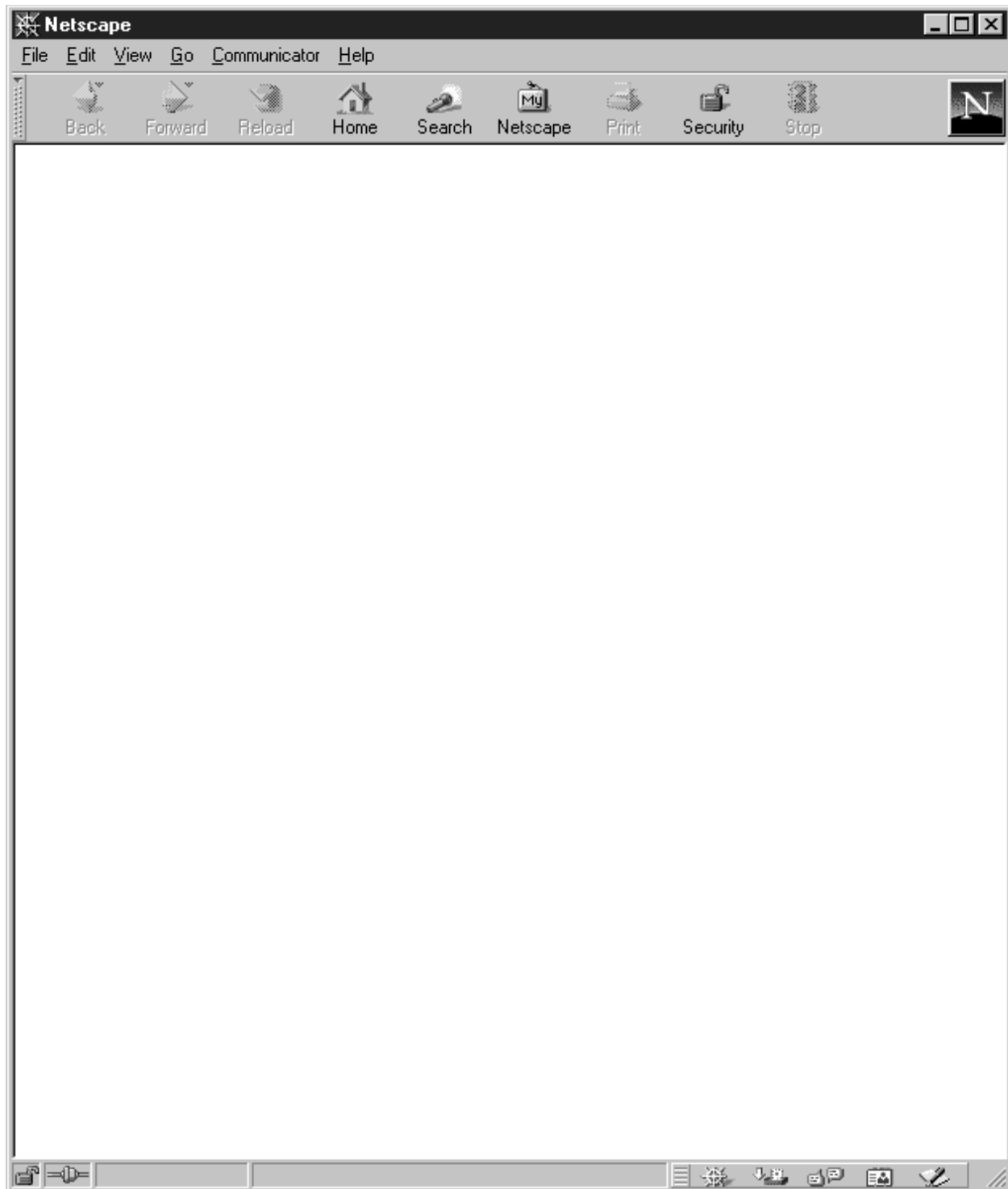
<CENTER>
<FONT SIZE="2">The Matrix has <FONT SIZE="+4"><U>you</U></FONT>...</FONT>
</CENTER>

<P>

Follow the <FONT COLOR="white">white</FONT> rabbit.

</BODY>
</HTML>
```

Another blank slate



Some server-side includes

The following tokens can be found in the source code of
<http://www.courses.fas.harvard.edu/~csciel/ssi.html>

Prints the date and time at which `ssi.html` was last modified.

```
<!--#config timefmt="%A, %B %d, %Y %r"-->  
<!--#echo var="LAST_MODIFIED"-->
```

Prints the IP address of the computer whose browser requested `ssi.html`:

```
<!--#echo var="REMOTE_ADDR"-->
```

Prints the fully qualified domain name of the computer whose browser requested `ssi.html`:

```
<!--#echo var="REMOTE_HOST"-->
```

Prints the current date and time:

```
<!--#echo var="DATE_LOCAL"-->
```

Prints the type of browser that requested `ssi.html`:

```
<!--#echo var="HTTP_USER_AGENT"-->
```

Includes in `ssi.html` the contents of `footer.html`:

```
<!--#include file="footer.html"-->
```

Cascading style sheets

This page can be found at <http://www.courses.fas.harvard.edu/~csciel/css.html>.

```
<HTML>
<HEAD>
<TITLE>Cascading style sheets</TITLE>

<STYLE TYPE="text/css">
<!--

A          { text-decoration: none; font-weight: bold; color: blue }
A:active   { color: green }
A:hover    { text-decoration: underline; color: red }

H6 { font-weight: bold; font-size: 18pt; line-height: 16pt;
     font-family: Arial; color: blue }

//-->
</STYLE>

</HEAD>

<BODY BGCOLOR="#ffffff">

<CENTER>

<H6>I am encapsulated by the (stylized) &lt;H6&gt; and &lt;/H6&gt; tags.</H6>

<P>

<H1>I am encapsulated by the &lt;H1&gt; and &lt;/H1&gt; tags.</H1>

<P>

<FONT SIZE="5">Click <A HREF="http://cnn.com">here</A> to go to CNN.</FONT>

</CENTER>

</BODY>

</HTML>
```