HTTP Example

Suppose user enters URL www.cs.uiuc.edu/

1a. http client initiates a TCP connection to http server (process) at www.cs.uiuc.edu. Port 80 is default for http server.

2. http client sends a http *request message* (containing URL) into TCP connection socket

(contains text, references to 10 jpeg images)

1b. http server at host www.cs.uiuc.edu waiting for a TCP connection at port 80. "accepts" connection, notifying client

3. http server receives request messages, forms a *response message* containing requested object (index.html), sends message into socket

time