

15-213

“The course that gives CMU its Zip!”

Web Services

April 22, 2004

Topics

- HTTP
- Serving static content
- Serving dynamic content

Web History

1945:

- Vannevar Bush, “As we may think”, Atlantic Monthly, July, 1945.
 - Describes the idea of a distributed hypertext system.
 - A “memex” that mimics the “web of trails” in our minds.

1989:

- Tim Berners-Lee (CERN) writes internal proposal to develop a distributed hypertext system.
 - Connects “a web of notes with links.”
 - Intended to help CERN physicists in large projects share and manage information

1990:

- Tim BL writes a graphical browser for Next machines.

Web History (cont)

1992

- NCSA server released
- 26 WWW servers worldwide

1993

- Marc Andreessen releases first version of NCSA Mosaic browser
- Mosaic version released for (Windows, Mac, Unix).
- Web (port 80) traffic at 1% of NSFNET backbone traffic.
- Over 200 WWW servers worldwide.

1994

- Andreessen and colleagues leave NCSA to form "Mosaic Communications Corp" (now Netscape).