CS101 Lecture 08:
History of the Internet

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PBS Documentary Series

Nerds 2.0.1: A Brief History of the Internet

- Transcript/history as text available here: http://www.pbs.org/opb/nerds2.0.1/
Part 1: Networking the Nerds

- 00:00 - boring crap about nerd kids -- skip it
- 19:50 - space race intro // start here
- 22:00 - computers of the 1960s
- 24:17 - Pentagon/ARPA
- 28:21 - ARPA RFQ
- 32:15 - MIT/BBN
- 35:10 - packets
- 39:47 - IMP, testing // end at 45:08
- 45:08 - hippies/hackers
- 48:00 - AlohaNET
- 50:00 - ARPA Show in Washington DC
- 53:20 - TCP/IP
- 55:13 - email

Part 2: Serving the Suits

- 00:00 – Intro
- 03:10 - Bob Metcalf
- 05:15 - Xerox PARC
- 08:05 - Bill Gates, Larry Ellison, personal computers, 3com
- 10:15 - Ethernet/Sun Workstation
- 11:35 - Stanford (Cisco, Silicon Graphics, Sun Microsystems)
- 20:10 - Novell
- 27:10 - Microsoft
- 35:00 - The WELL
- 38:00 - McAfee
- 45:45 - Len Bosak @ Stanford
- 48:30 - Stanford/bridges/routers
- 49:30 - Cisco born
- 51:45 - VCs, Don Valentine
- 57:06 - Sandy/Urban Decay, Len/SETI
Part 3: Wiring the World

- 00:00 – Intro
- 05:40 - Tim Berners-Lee
- 08:00 - Ted Nelson
- 10:25 - World Wide Web Consortium
- 11:55 - Commerce on the Net - legislation
- 13:10 - Marc Andreesen, Mosaic

Take-Away Points

- DoD, BBN, ARPAnet, AlohaNet
- packet switching, routers
- Protocols, TCP/IP

- Be aware of the characters and organizations involved in creating the Internet!