61A LECTURE 29 – USER INTERFACES

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Announcements

- Tons of office hours this week
- Information page for final is up
- hw14 is out! Due Wednesday at 11:59pm
- Review session in lecture tomorrow!
- Almost at the end...

Alan Kay

- One of the fathers of object-oriented programming
  - Someone had to invent the ideas we talk about in this class! Architect of windowing **graphical user interfaces (GUIs)**
- Steve Jobs visited Kay's lab at Xerox Corporation's Palo Alto Research Center (PARC)
  - Influenced many ideas that Jobs had
- Conceived the Dynabook concept, which defined the conceptual basics for laptop and tablet computers and E-books
  - http://www.tomshardware.com/news/alan-kay-steve-jobs-ipad-iphone,10209.html
  - Is the iPad a realization of the "Dynabook", conceived 40 years ago?

Modern GUIs

- Most of us have grown up with GUIs, so we tend to take everything for granted
- Today's video is a 61A tradition that dives into parts of the history of designing **user interfaces**
- Sit back, relax...
  - Please be respectful and don't overuse your laptops!

A few closing thoughts

- History is important! The computer and its user interface aren't just "magic"
- UI evolves over time; new ideas pop up as technology shifts.
    - Today: Touch-screen is the current "hot" interface!
- Apple owes much of its success to the ideas developed at Kay's lab at Xerox PARC, especially the idea of GUIs
    - But... is Kay satisfied with Apple today?
    - http://tech.fortune.cnn.com/2013/04/03/alan-kay-rips-apple/