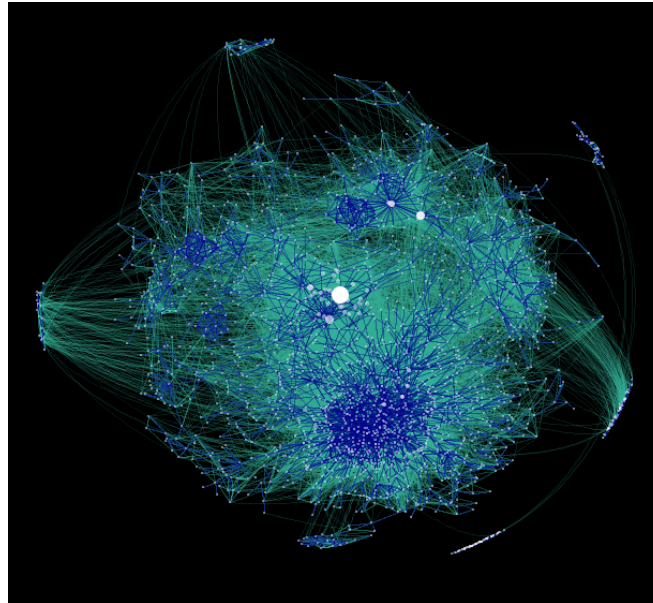


## CCLE Mobile Infrastructure



Locally hosted .pdf files are analyzed for content and connected to regional super-nodes for easy query and upload without dependency on a single hub. This same structure is used to disperse the load of audio processing and authentication requests across a number of servers depending on regional load.



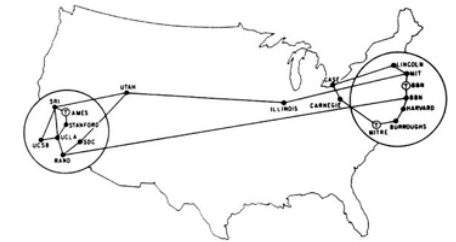
## Cloud Processing

**Utilizing a massive grid of computers allows unused processing cycles in other time zones to handle the heavy workload of constant data analysis.**



## UCLA Edition

**With Every Member University, The CCLE Mobile Universe Only Gets Faster!**

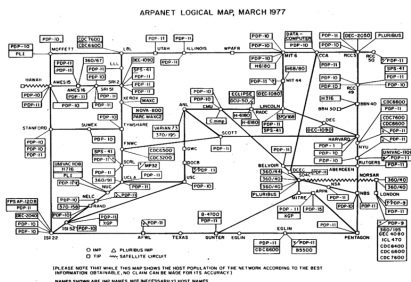


### Photo Credits

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**CCLE Mobile: A Bachelor's Education in Under a Year**

## What Do You Do With a Million Books: CCLE Mobile & Data Analysis



UCLA: At the Forefront of Internet Technology since 1969

### In the Literature

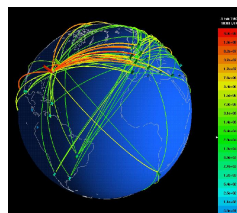
When a class reading is scanned and uploaded to CCLE mobile, it is scanned and linked to other documents with similar content across the CCLE Universe. By recording and sharing what passages other readers have highlighted or annotated, CCLE Mobile is able to not only supplement an in-depth reading of the material with additional material, but also provide a basic overview of the important points of multiple documents for time-conscious readers.

### Inside the Classroom

The CCLE Mobile software platform is designed with modern mobile computing in mind. Using remote voice processing technology and advanced event recognition algorithms, CCLE Mobile can keep up with in-class discussion and bring relevant highlights and annotations to the top of your discussion

### Around the World

The UC System is one of many university networks around the world contributing to the CCLE Mobile universe. From highlights



Every Student at Every University, Worldwide

and annotations to class readings to metadata-enriched essay submissions, the sum of the world's knowledge on any given topic is at the fingertips of every student. Attributed sources include class discussions, essays, presentations, as well as image and video submissions.

This allows professors to assign as many readings as they want per class, knowing that their students will be able to find and contribute to a massive discussion of the topic with contributors on every level of the academic spectrum.

*CCLE Mobile's data-analysis algorithms not only allow students to cover a broad spectrum of topics in a small amount of time, but also support lecturers by suggesting additional readings on similar topics. Data on student reading habits are individualized and made easily available to give educators a simple overview of the level of student engagement.*