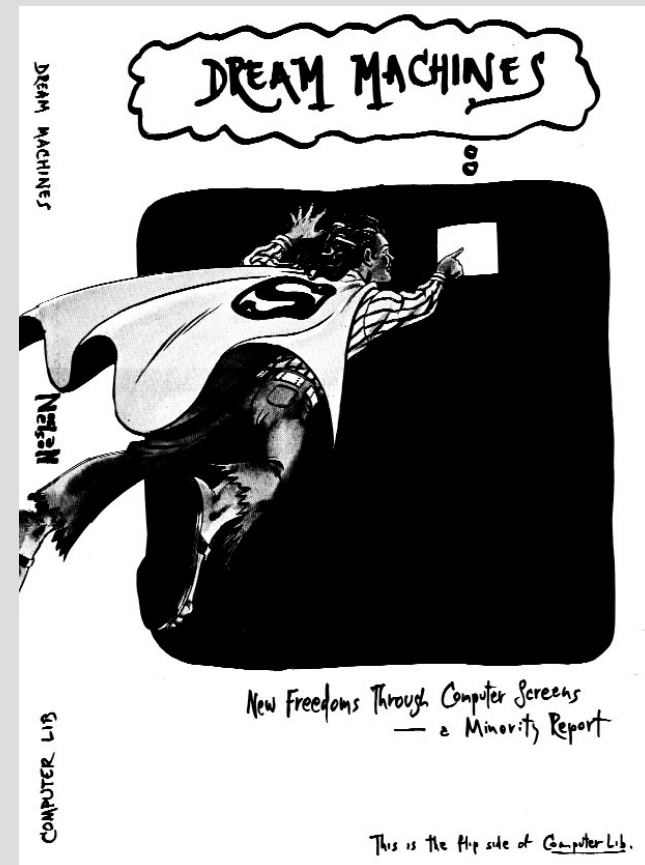
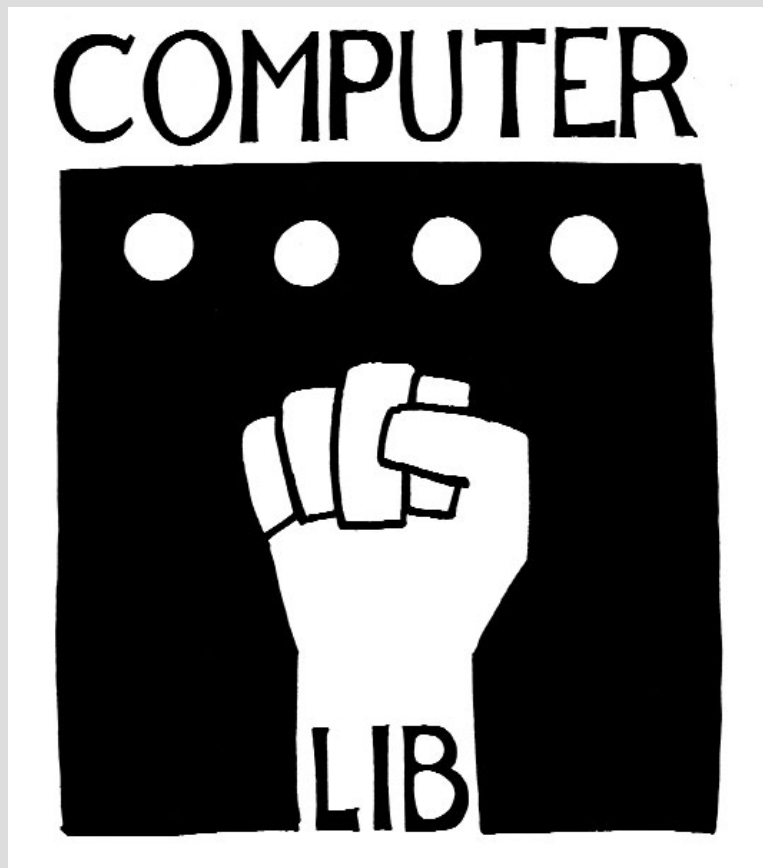


Computer Lib/ Dream Machines

Ted Nelson (1974)



Self-published book

Two books back to back

Computer Lib: challenging what the computers are here for.

Dream Machine: new media focused with a twofold vision

1. Computerized media experiences need to be designed with users in mind (founding ideas for HCI).
2. These new media experiences should be published in an open publishing network.

Hyper-Media

- Ted Nelson coined the term *Hypertext* 40 years ago
As a special case of what he called interactive *Hypermedia*

Discrete Hepertexts:

“Hypertext” means forms of writing which branch or perform on request.

Discrete, or chunk style, hypertexts consist of seperate pieces of text conneceted by links.

Hyper-Media

Performing Hypergrams:

A Hypergram is a performing or branching picture.

Stretchtext (fills in details):

There are a screen and throttles, these are the controls for causing the text to become longer/shorter making text to pop up or become less detailed.

Hyper-Media

Hyper-comics:

The screen holds a comic strip, but one which branches on the user request.



Fantics

Fantics means the art and science of getting ideas across, both emotionally and cognitively.

FEELED-EFFECT SYSTEMS
ARE THE NEW FRONTIER

FANTICS

— BUT IT'S SHOWMANSHIP
THAT'S PARAMOUNT,
NOT ANY TECHNICAL SPECIALTY

Fantics

Thus Fantics is concerned with:

1. The art and science of presentation
2. Techniques of presentation: writing, stage direction, movie making, magazine layout, sound overlay etc.
3. Media themselves, their analysis and design; and ultimately
4. The design of systems for presentation.

Fantics

Fantics must also include:

5. Psychological effects and impact of various presentational technique and science of presentation.
6. Sociological tie-ins – especially supportive and dysfunctional structure.
7. The parts, conceptual threads, unifying concepts and whatnot that we create to make aspects of the world understandable.

Thinker toys

Thinkertoy means, a system to help people think, toys means it should be easy and fun to use.

Thinkertoy is something quite specific as a computer display system that helps you envision complex alternatives.

Project Xanadu

A full-fledged decision/creativity/ system, embracing both text and graphics, is one of the ultimate design goals of Project Xanadu.

The parallel textface:

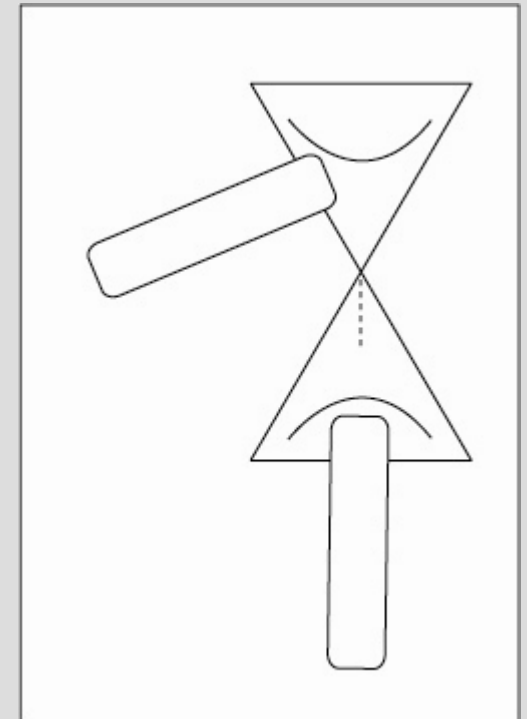
Intended to aid in all forms of writing and scholarship as well as anywhere else that we need to understand and manipulate complex xlusterings of text.

Project Xanadu

Fail-safe and Historical Features:

In systems for naive users, it is essential to safeguard the user from his own mistake.

Thus actions causing errors must be reversible.



Project Xanadu

Editing

Rather than giving the user anything complicated to learn, the system is completely visual



Insert



Delete



Rearrange



Copy



Operation applies to link



Operation applies to file