

[Hacker cultures]

Milestones of Hacktivism History

Chapters:

1. the idea and origin of hacking: MIT and the hacker ethic
2. Hobbyists and the Californian ideology
3. The birth of the Internet and free culture
4. Technological typology of hacking
5. Motivational typology of hacking
6. Hacktivism
7. Contemporary hacker subcultures
8. Some hacktivist art projects

There is no single definition of hacker culture;
Examining the histories of hacking we might get to a comprehensive understanding of hacker cultures' main characteristics.

Examining hacker cultures is the observation of the information age and of the history of digital culture through its most subversive actors.

Our focus is intersections with art and design, critical media activism

MEDIA THEORY

THEORY



ART



modern art



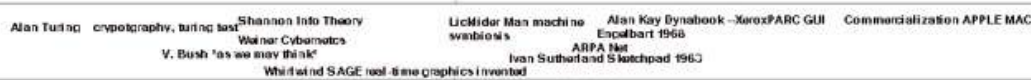
avante-garde



CONSUMER ART



COMPUTING AND INFORMATION

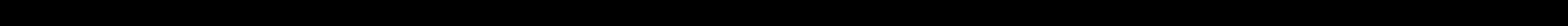
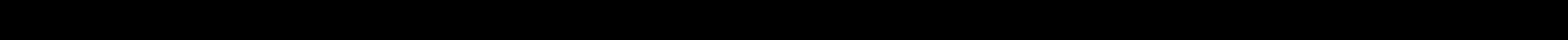


MUSIC

Schoenberg 1909 Atonality 1925 12 tone
Stravinsky 1912 Rite of Spring, Ballet russe

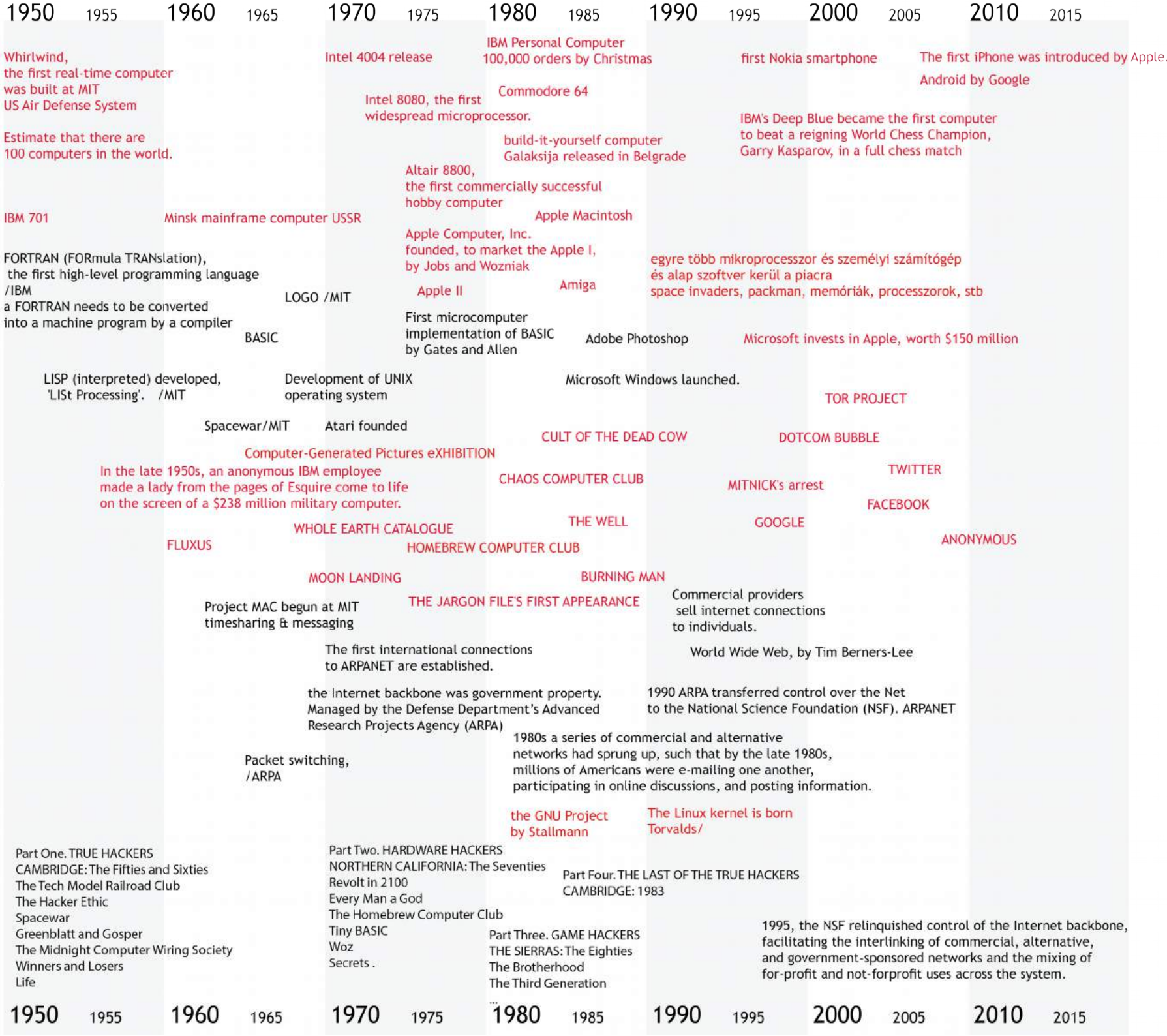


POLITICS



Timeline of 20th c. Art and New Media

Rama Hoetzlein (c) 2009-2010
rev. Michael Century 2011



HARDWARE

PROGRAMNYELVEK,
OPERÁCIÓS
RENDSZEREK
és szoftwer

EGYÉB/
KULTURÁLIS HATÁSOK

HÁLÓZAT

F/LOSS

LEVY

1. the idea and origin of hacking: MIT and the hacker ethic, 1950-ies and 60-ies

D/ARPA (Licklider)
Space Race, Cold War
Railroad Model Club > AI Lab
Steven Levy: Hackers, heroes of the computer revolution('84)

early programming languages, interfaces and early computers
types of computers



Phreaking and lockpicking – masters of trickstery



The Hacker Ethic

Access to computers—and anything that might teach you something about the way the world works—should be unlimited and total. Always yield to the Hands-On Imperative!

All information should be free.

Mistrust Authority—Promote Decentralization.

Hackers should be judged by their hacking, not bogus criteria such as degrees, age, race, or position.
meritocratic trait

You can create art and beauty on a computer.

Computers can change your life for the better.

(LEVY 2010: 34)

Definition of hacking by

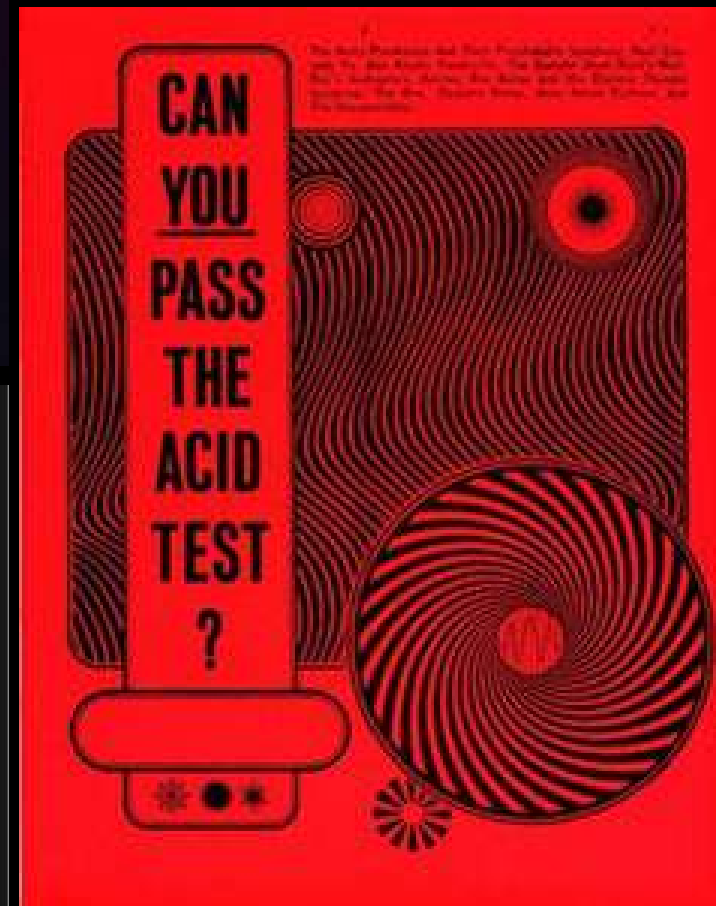
- Levy
- Stallmann
- Coleman
- Himanen
- Jordan

2. Hobbiists and the Californinan ideology: from counterculture to cyberculture (Fred Turner)

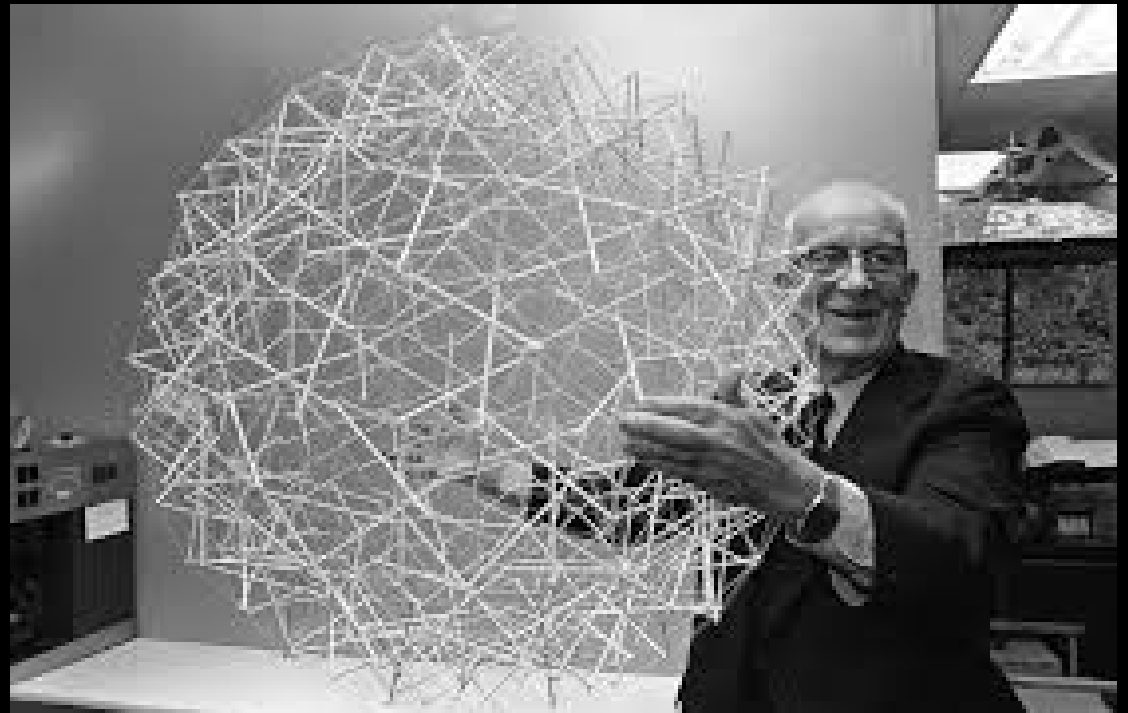
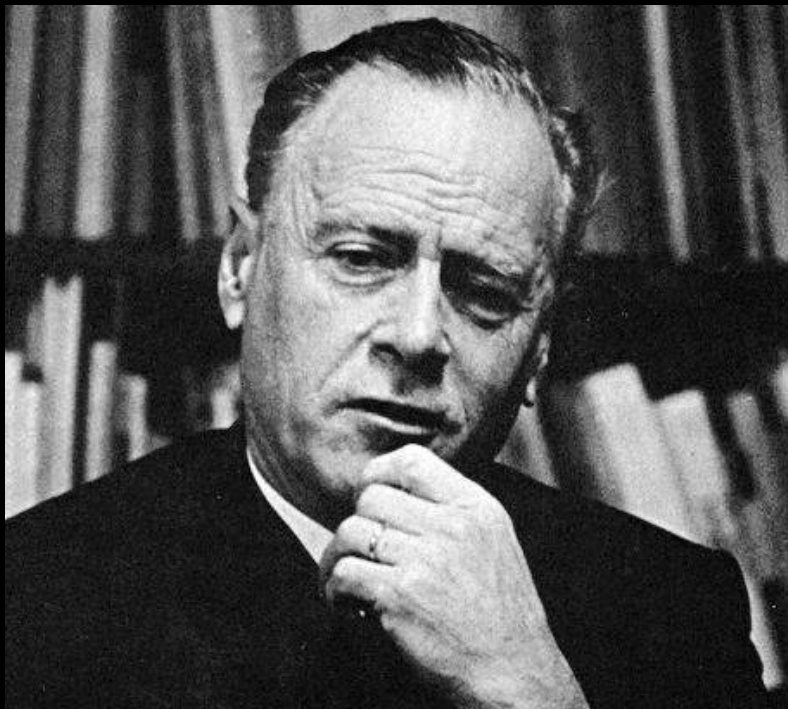
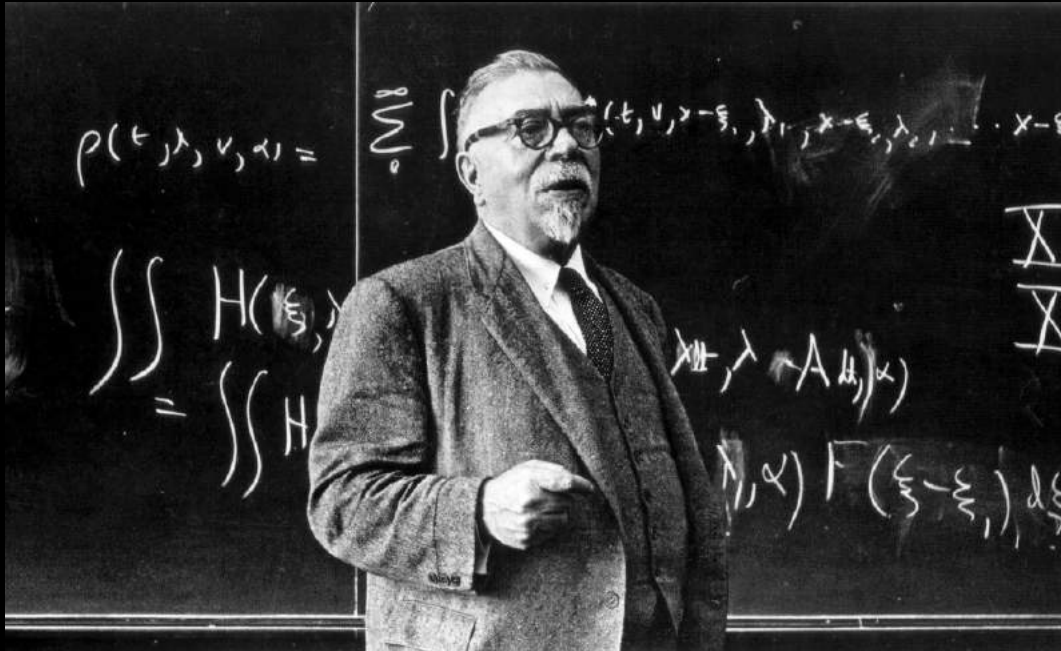


Mendocino In The Seventies

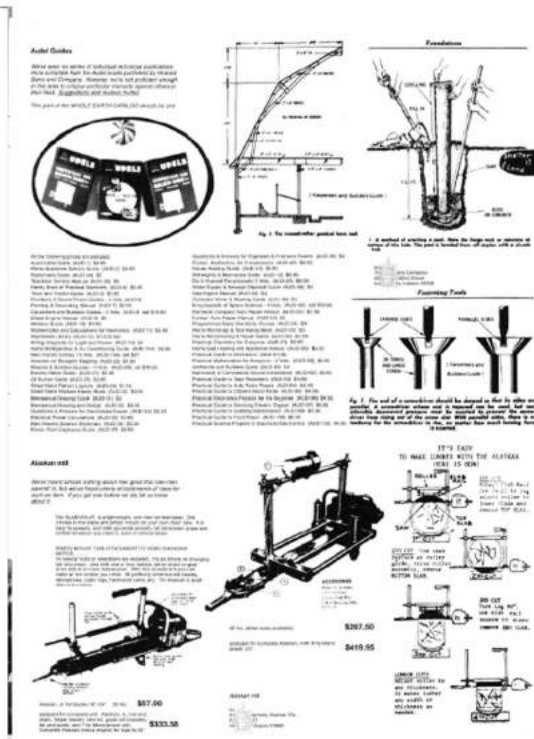
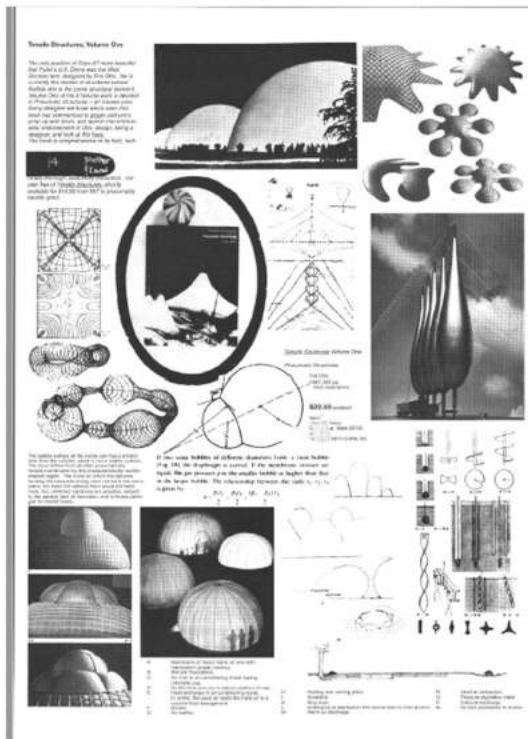
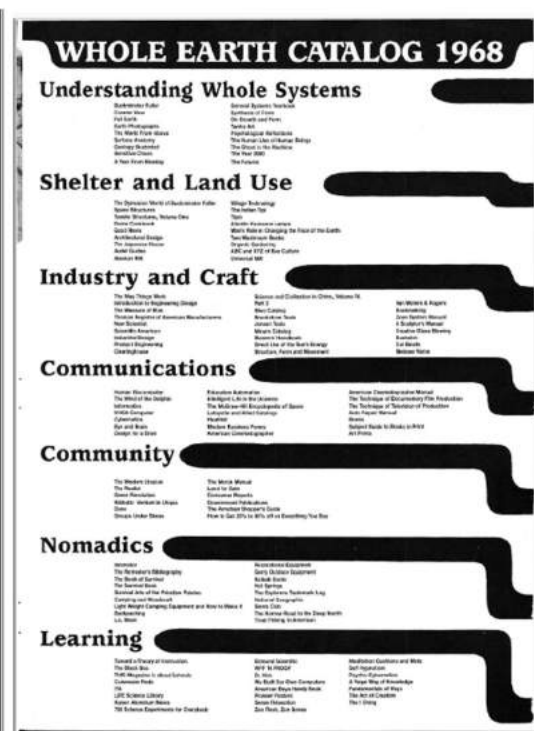
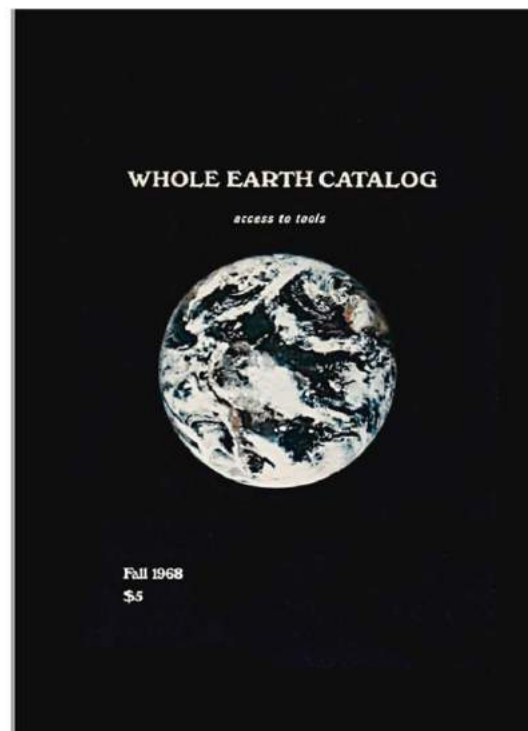
People, Places and Events of California's Mendocino Coast
by Nicholas Wilson, Photographer



Mcluhan, Fuller, Papanek, Wiener: techno-utopian visions of society



Stewart Brandt: The Whole Earth Catalogue



Hobbyist culture, hardware hackers and their sudden prosperity: the microchip and the PC revolution



HOW TO "READ" FM TUNER SPECIFICATIONS

Popular Electronics

WORLD'S LARGEST-SELLING ELECTRONICS MAGAZINE - JANUARY 1975 \$7.50

PROJECT BREAKTHROUGH!

World's First Minicomputer Kit to Rival Commercial Models...

"ALTAIR 8800" SAVE OVER \$1000



ALSO IN THIS ISSUE:

- An Under-\$90 Scientific Calculator Project
- CCD's—TV Camera Tube Successor?
- Thyristor-Controlled Photoflashers

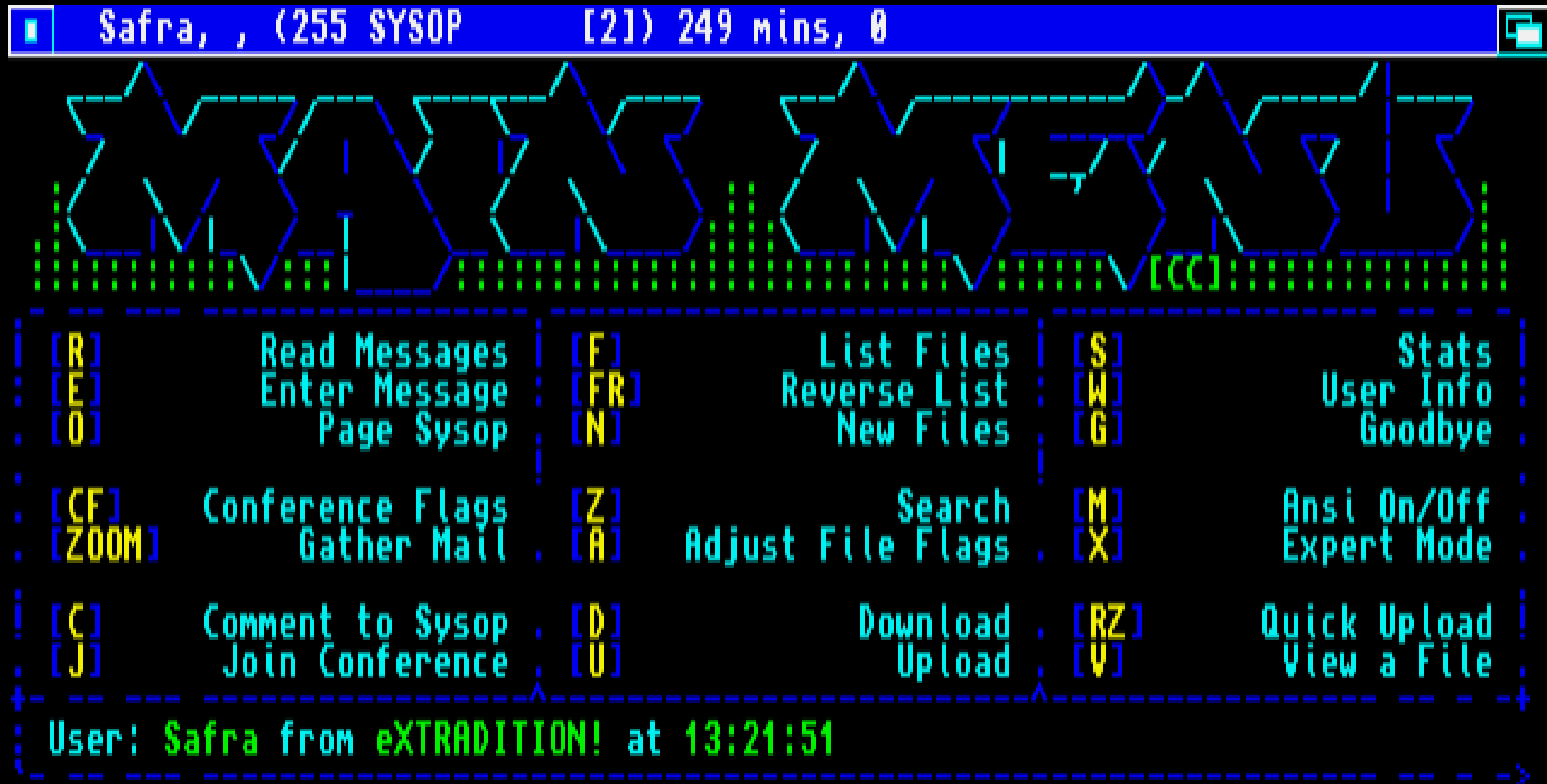
TEST REPORTS:

- Technics 200 Speaker System
- Pioneer RT-1011 Open-Reel Recorder
- Tram Diamond-40 CB AM Transceiver
- Edmund Scientific "Kirtan" Photo Kit
- Howlett-Packard 5381 Frequency Counter



3. The birth of the internet and the struggle for free/libre culture

<https://www.youtube.com/watch?v=9hIQjrMHTv4>



Extradition [2:AmiExpress] Time: 249 mins. left : ■

How the Web works? And How Http makes that possible?

The **Request Response** Cycle

The Globe



The user type
in the URL :

www.mywebsite.com/products/myproduct.html



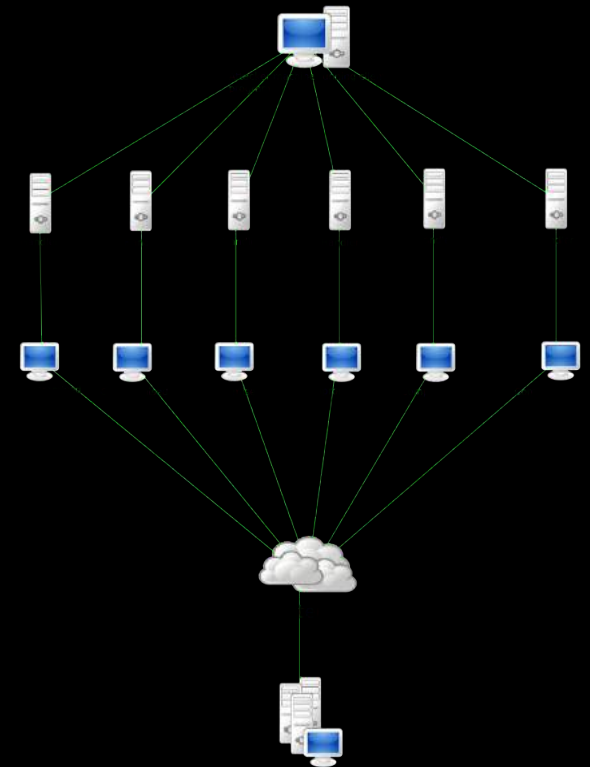
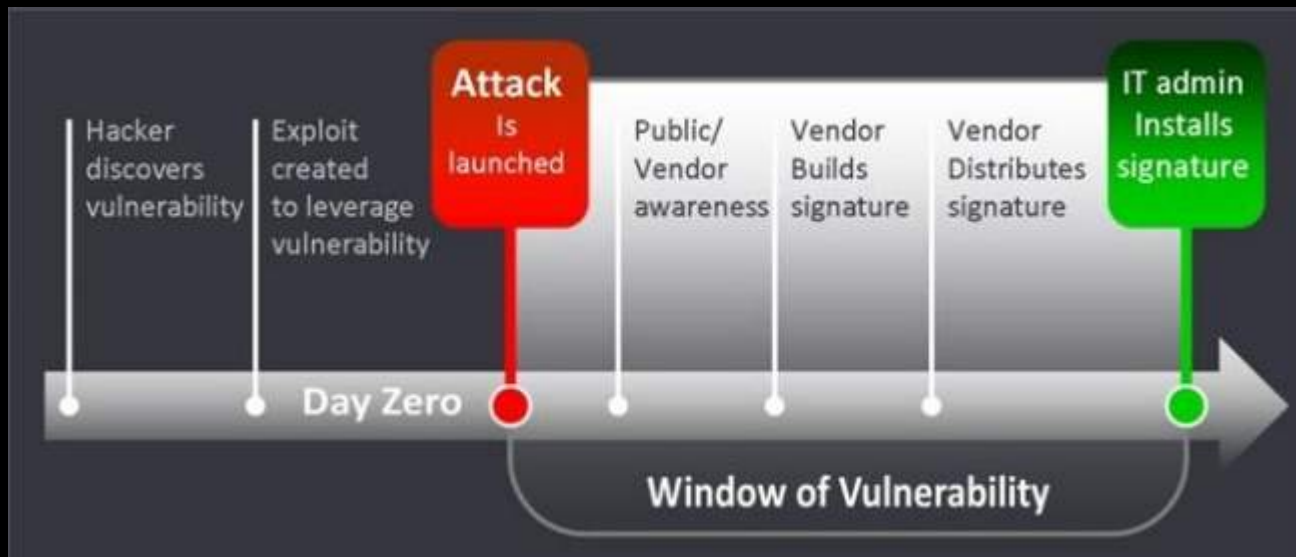
Web Server



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4. technological typology of hacking

- Zero-day
- zero+1-day
- Social engineering
- Script kiddies



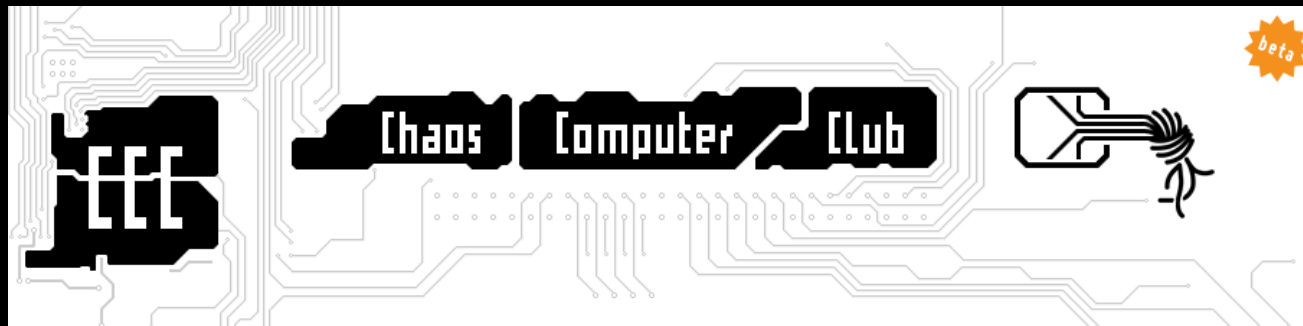
5. motivational typology of hacking

- Cyberwar
- Cyberterrorism
- Cybercrime
- cyber-activism

6. hacktivism

- Culture Jamming
- Tactical media
- Demonstrational hacktivism / MVDA
- Informational hacktivism
 - providing info-tech logistics
 - Release public data, protect private data!
 - Releasing information, eg. wikileaks
 - Protecting privacy, eg. TOR

7. contemporary hacker subcultures



8. some hacktivist art



In December 1999, the EDT,
the Swiss art group etoy,
and culture jamming group ®™mark
(pronounced art-mark) launched
“The Twelve Days of Christmas” action
using the EDT’s FloodNet DDoS tool

<http://eyewriter.org/> + laser tag graffiti:
graffiti + open source technologies

Heath Bunting: [readme.html](#)

Critical Arts Ensemble

Tanja Ostojic: Looking for a Husband with an EU Passport 2000

Mediengruppe Bitnik: Random Darknet Shopper 2014

etoy: Toywar, 1999

<https://thewholestoryproject.com/> 2017

Jaromil's ASCII forkbomb: `:(){:|:& }::` 2002

Cirio: Face to Facebook 2011

