

Fundamentals of Web-Based Multimedia Communications: Imagining the Internet's Interface

Early Internet Art: Surfing the Web and Hypertext Narratives

Wednesday 9/7, 1:45-3:00pm

Smith Warehouse Bay 12 A228

CMAC 240L, CMAC 740L, ISS 240L, ISS740L, VMS288L, VMS788L

early internet art

Internet >> World Wide Web

People often use these two terms synonymously, which is fine...

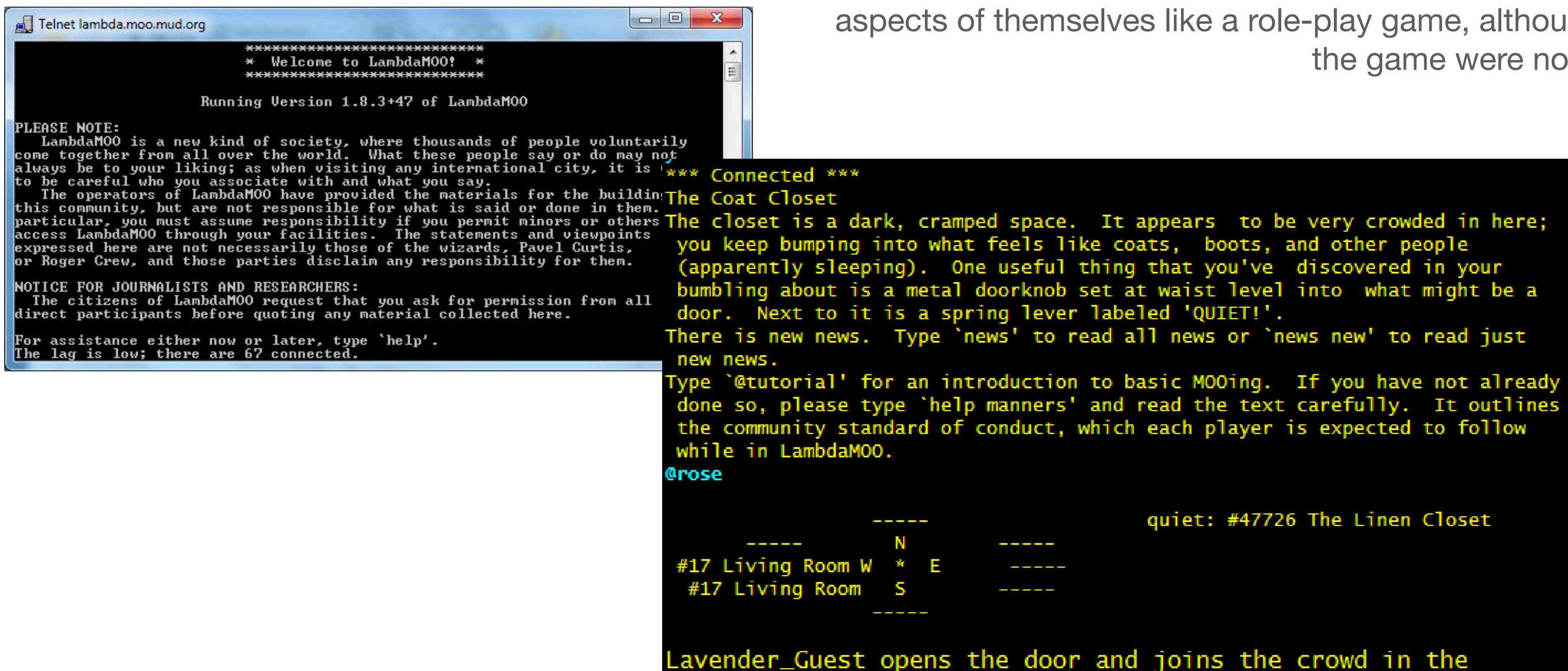
but the “World Wide Web” marks a distinct shift from the internet as a military, financial, or academic tool to a network accessible to and imagined by the public.

Tim Berners-Lee is often credited as the founder of the World Wide Web, and he created the first web browser called “WorldWideWeb” in 1990.

The internet was a text-based medium (no images could be uploaded) for three years....

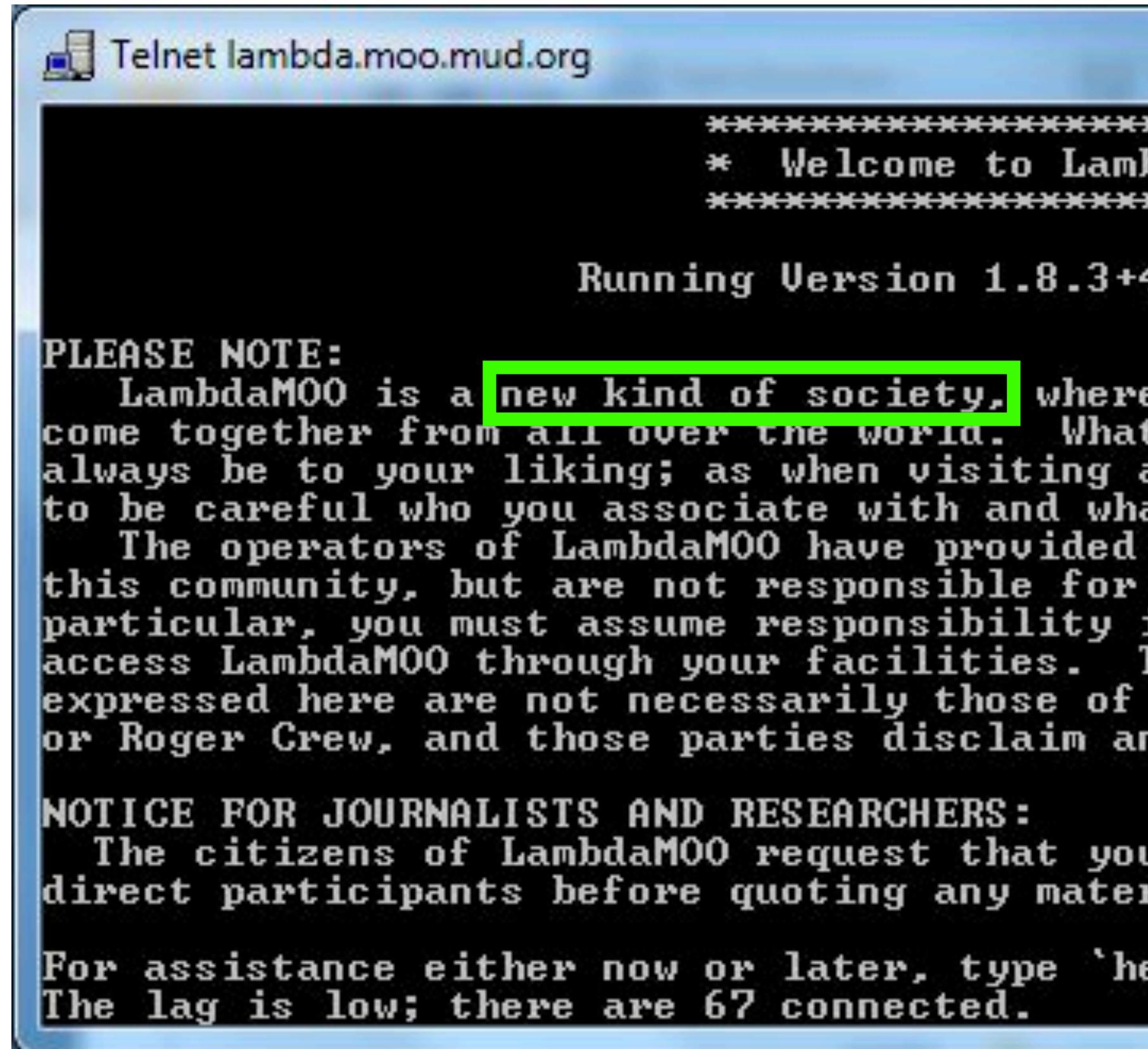
This led to creative ways of using text, such as hypertext narratives, narratives ordered by the click of the users, which broke the act of reading as a linear progression.

The popularity and development of MUD (multi-user dungeon or multi-user dimension) games allowed users to explore different aspects of themselves like a role-play game, although the rules of the game were not always clear!



Screenshots from MUD LambdaMoo

Technotopia / Technological Utopianism



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**Words From
The WELL ...**

WELL Buzz

WELL Words

Hafner plumbs The WELL
Katie Hafner's The Well: A Story of Love, Death and Real Life in the Seminal Online Community is a history of this place. Do you see it her way? Do the people she wrote about? Visit Inkwell.vue, where you don't need a password to dip into The WELL, and find out more about this latest from the fascinating author of **Where Wizards Stay Up Late**.

Words From the Plumage Conference:
(posted by obizuth)
hell trip to satanic Ikea yesterday. we had a car for the weekend, and thought that if we went at 10am (opening time) it would be not so beelzebubbian. WRONG. ...
(continued)

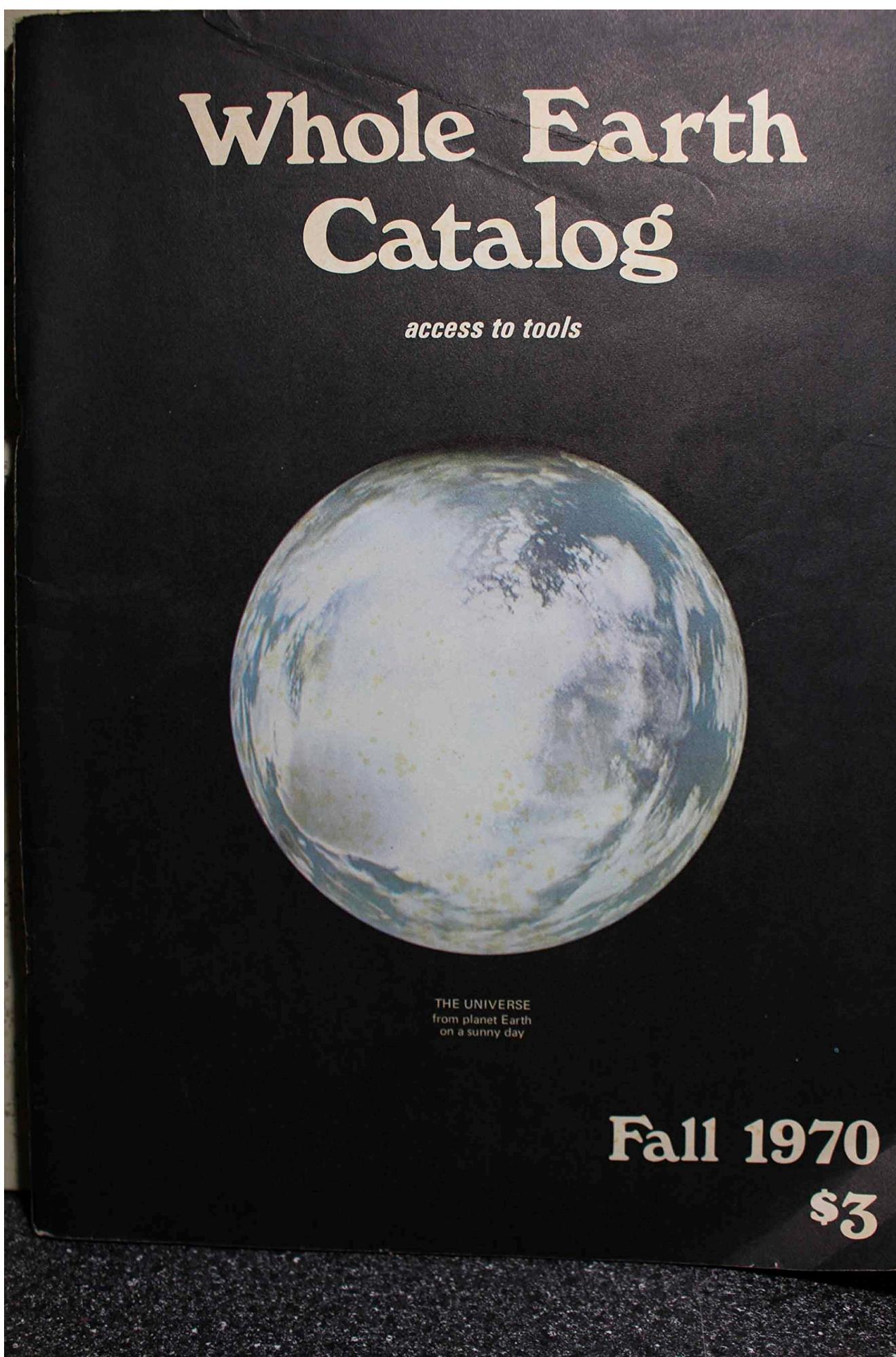


Gottlieb gives us the skinny
How did an anorexic girl grow up to

The WELL, one of the first virtual communities or “social media sites,” created by Stewart Brand and Larry Brilliant.

(Mozilla was the first browser that allowed uploading images in 1993.)

Technotopia / Technological Utopianism



The internet developed during the Cold War “space race” and has always been associated with imaginations of outer space > “Cyberspace” became a popular term after William Gibson’s sci-fi writing

Stewart Brand also created the “Whole Earth Catalog” in 1970 after advocating for NASA to release satellite images of the Earth from space. The belief was that this perspective might change the way we see our human relationship to the world.

Networked Activism (just one example)



The Annual Candlelight Vigil Across the Internet

On December 6th, 1989, [14 women](#) were killed for being "feminists" at the Ecole Polytechnique in Montreal. This tragedy in Canadian history has not been forgotten. Our aim is to raise awareness of violence against women across Canada and throughout cyberspace, by presenting this Candlelight vigil across the Internet. Although this site was created back in November 1996 for what was originally intended to be a week-long vigil, your response has far surpassed our expectations. Four years have passed since this vigil first began, and violence against women continues to be an issue close to our hearts. Thank you for your tremendous support and participation over the past four years, and for joining in this protest against all forms of violence against women. Again, we will keep this site up and running all year long to advocate against domestic violence every day to women across Canada and all over the world.

In memory of women everywhere whose lives have been affected by violence, please place a candle image on your Web page and link it back to this one.

Simply click on the image size you'd like from the ones below. Then (if you're using Netscape) click on **File** then **Save As..** and save the file. We then ask that you link this JPEG on your Home Page and link it back to this page. Please set your link to:

Note Our New Location: If you have linked to us in the past, please note this site has changed domain names.

If you would prefer a GIF image to a JPEG (for transparent images) please go [here](#). Thank you.



[More On Violence Against Women](#)

[Some December 6th Events](#)



(Largest image size offered 5kb!)

In 1996, the Canadian Women's Internet Association created a candle image and asked participants to paste the image on their own sites to advocate against domestic violence.



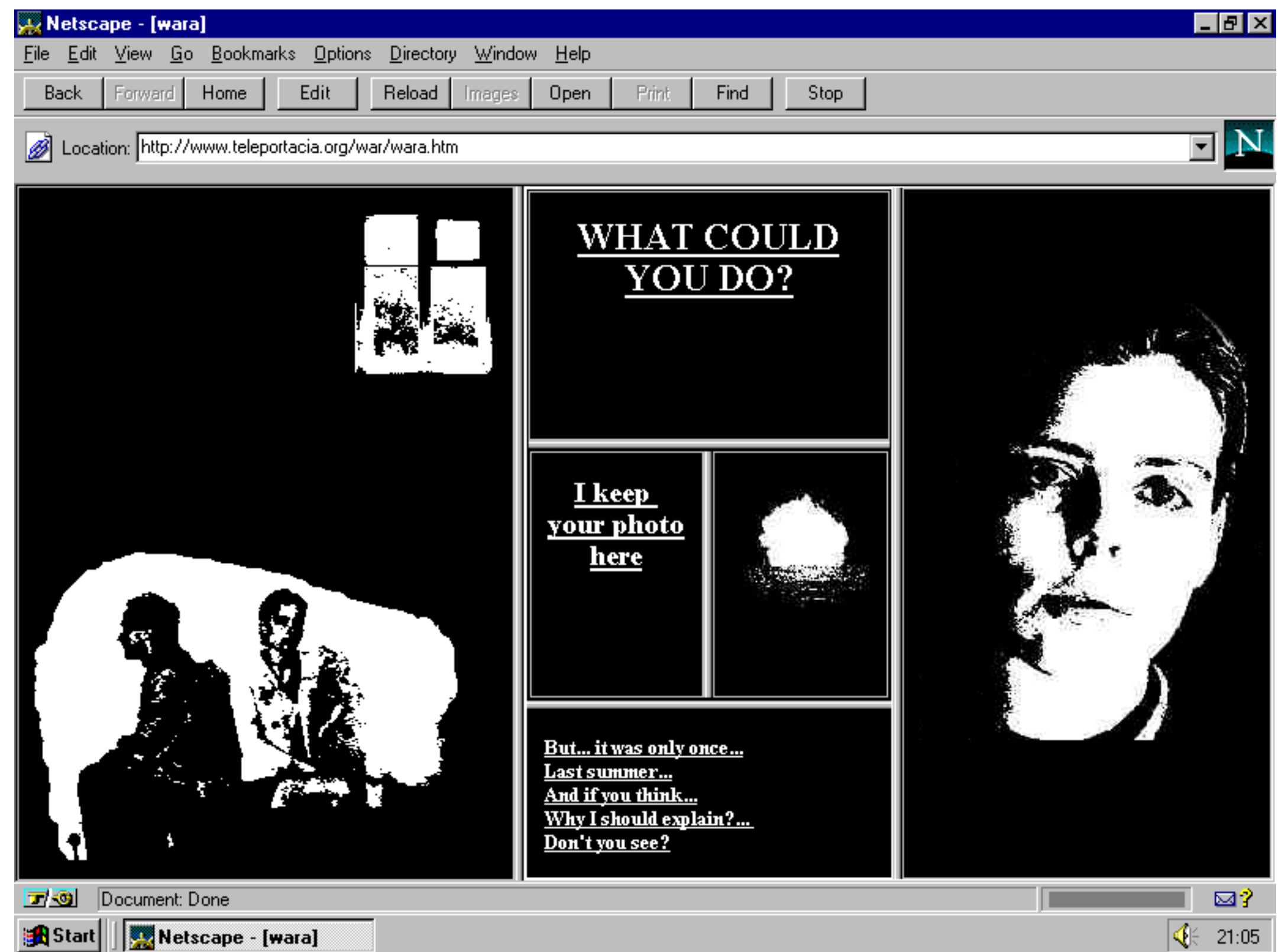
Networked Art or net.art!

Examples taken from:

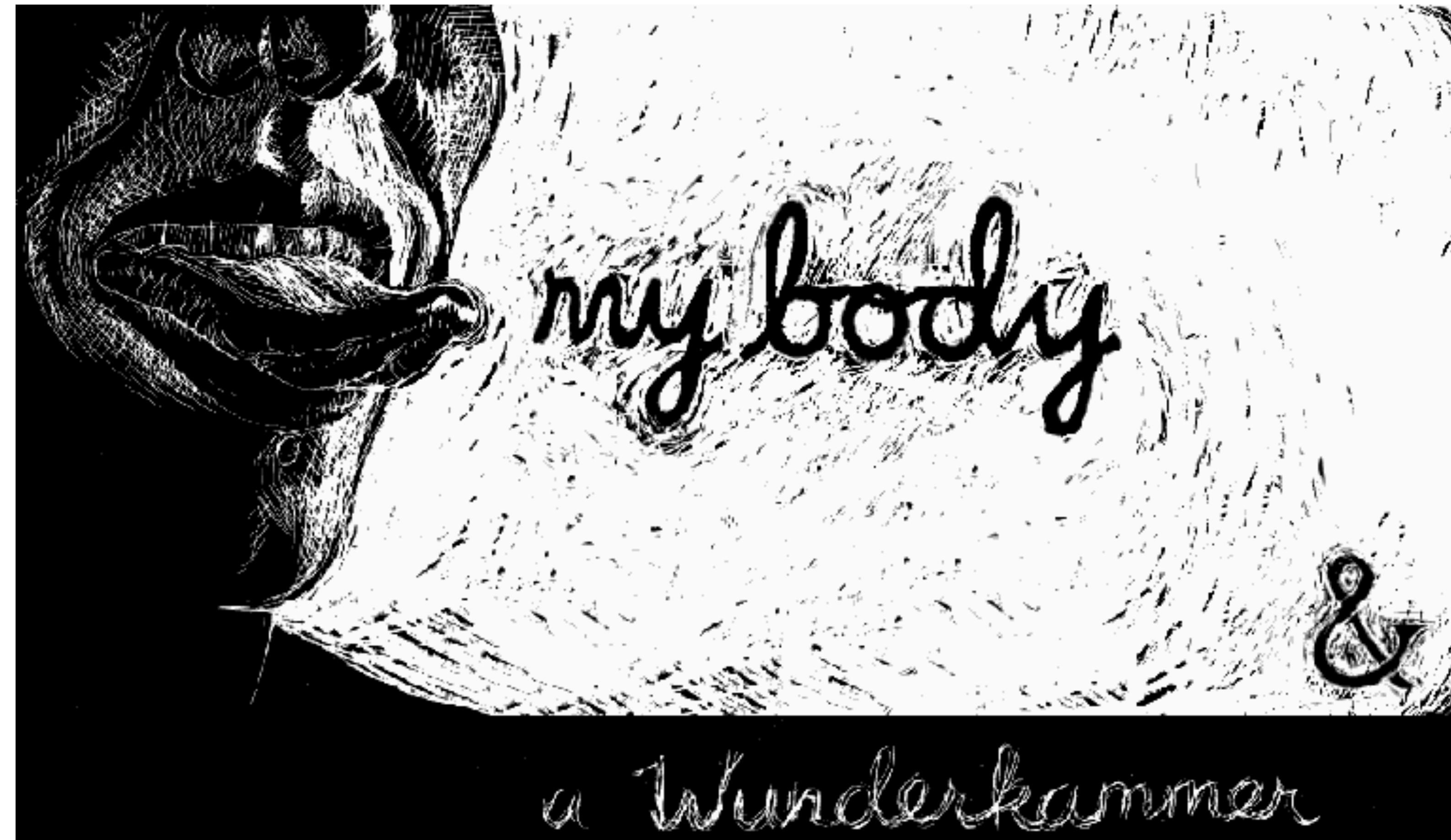
Rhizome Hypertext Collection

Rhizome Artbase

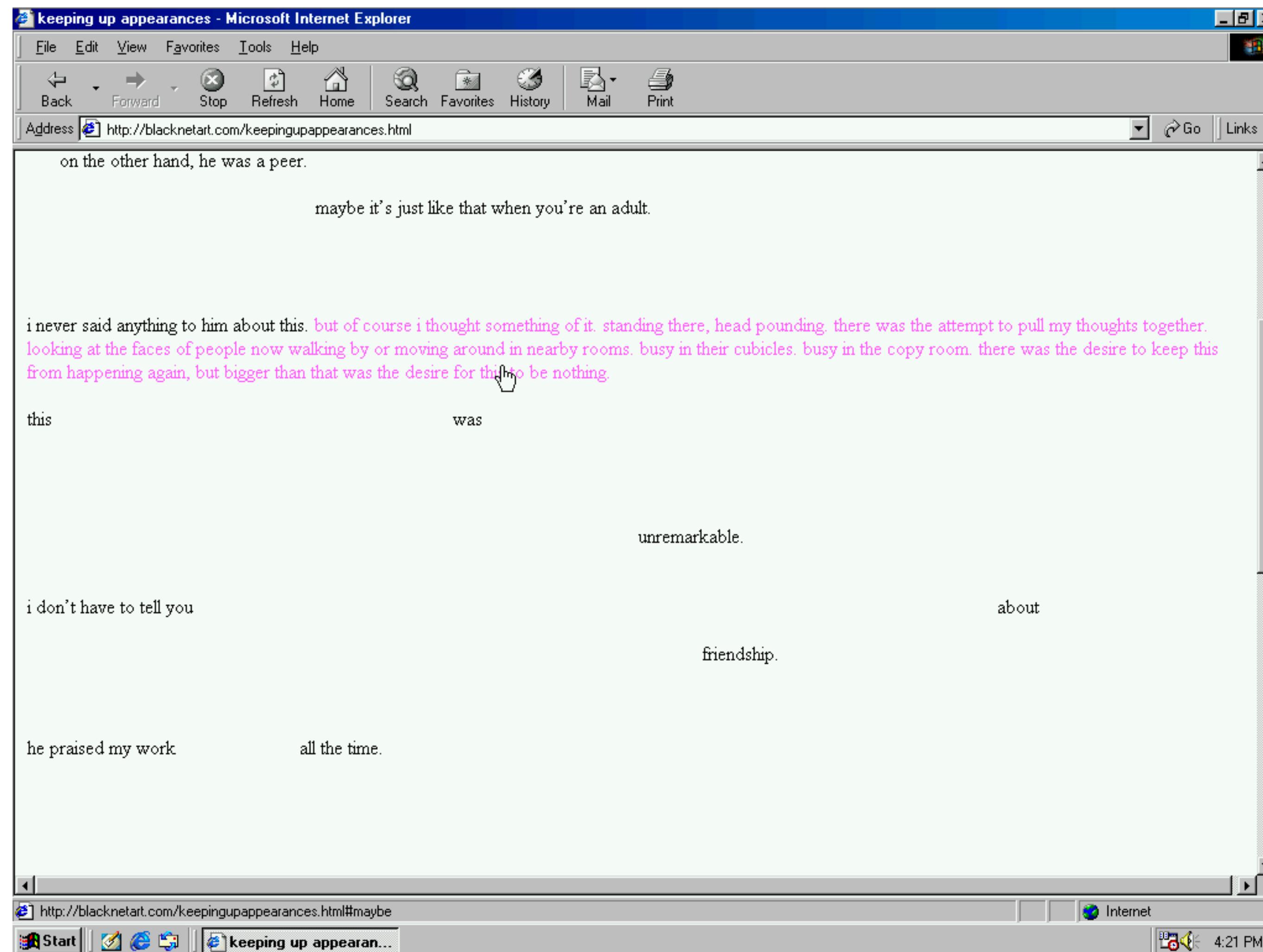
Let's split into groups to inspect the websites



Olia Lialina, My boyfriend came back from the war, 1996



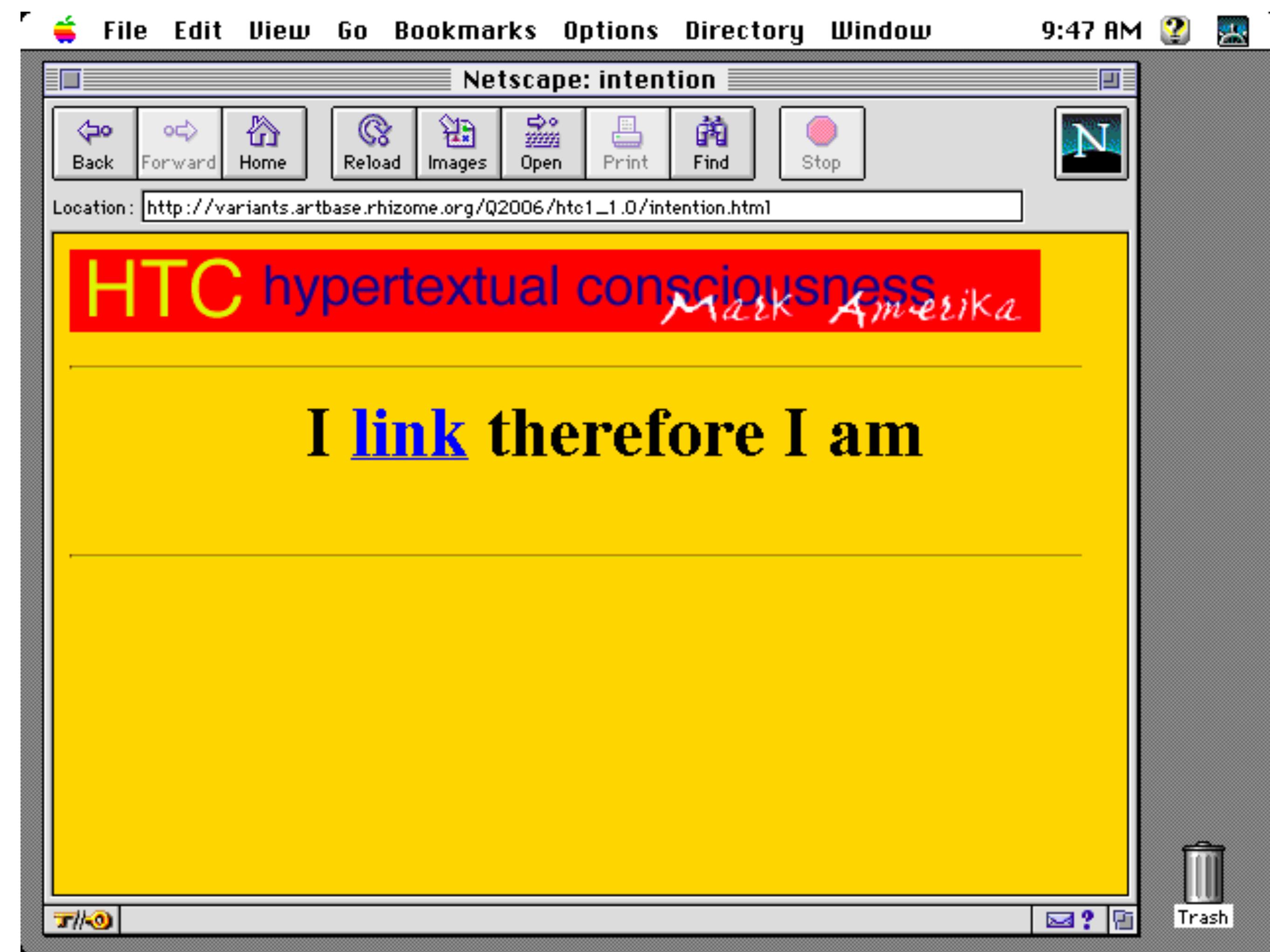
Shelley Jackson, my body — a Wunderkammer, 1997



Mendi and Keith Obadike, keeping up appearances, 2001

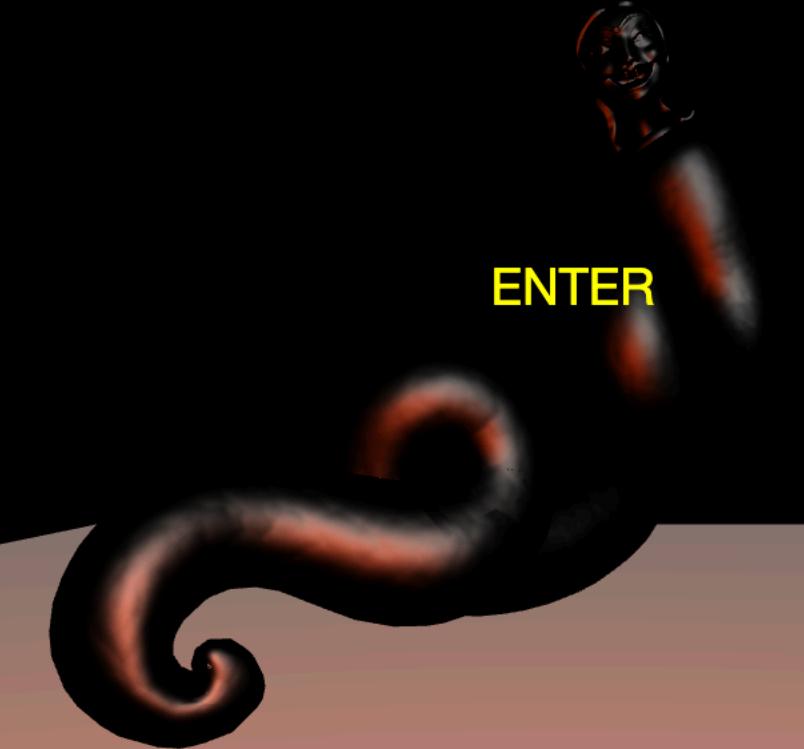


Victoria Vesna, Bodies INCorporated, 1996



Mark Amerika, HTC1.0, 1995

SHE WHO SEES THE UNKNOWN
THE LAUGHING SNAKE



ENTER

DIRECTED BY: MOREHSHIN ALLAHYARI
TEXT AND VISUALS: MOREHSHIN ALLAHYARI
3D SCENE DESIGN AND WEB DEVELOPMENT: EMILY MARTINEZ
WEB DEVELOPMENT ASSISTANT: TONIA BEGLARI
SOUND DESIGN: ANDREA YOUNG

CO-COMMISSIONED BY:
THE WHITNEY MUSEUM OF AMERICAN ART, LIVERPOOL BIENNIAL, AND FACT

Morehshin Allahyari, The Laughing Snake, 2018

Assignment: HTML Text Part 1
due next Wednesday

Finish HTML Essential Training sections 5-10, add links and images to your index page. You can choose to include a form for a bonus. Upload the file as a website folder with your name on it if there is more than one internal page reference. If uploading a folder is not possible, upload all the files separately.

Remember to make things weird and/or playful!

Image file types and sizes

What's the smallest unit of digital data?

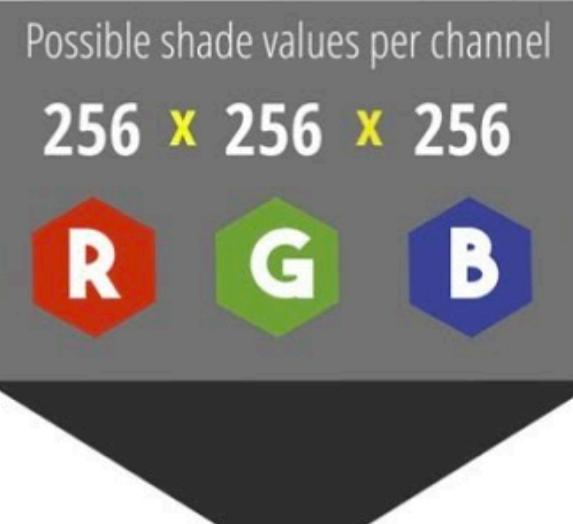
Data Measurement Chart	
Data Measurement	Size
Bit	Single Binary Digit (1 or 0)
Byte	8 bits
Kilobyte (KB)	1,024 Bytes
Megabyte (MB)	1,024 Kilobytes
Gigabyte (GB)	1,024 Megabytes
Terabyte (TB)	1,024 Gigabytes
Petabyte (PB)	1,024 Terabytes
Exabyte (EB)	1,024 Petabytes

It took **4 Petabytes**
of information to make this image



Digital color systems and storage:

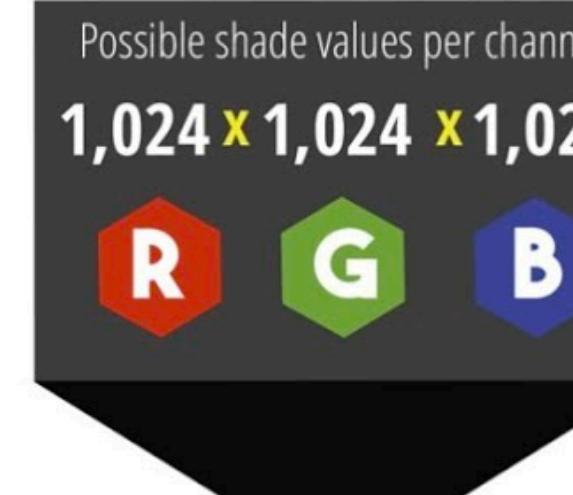
8 Bit



16,777,216 Possible Colors



10 Bit



1,073,741,824 Possible Colors



12 Bit



Over 68 Billion Possible Colors



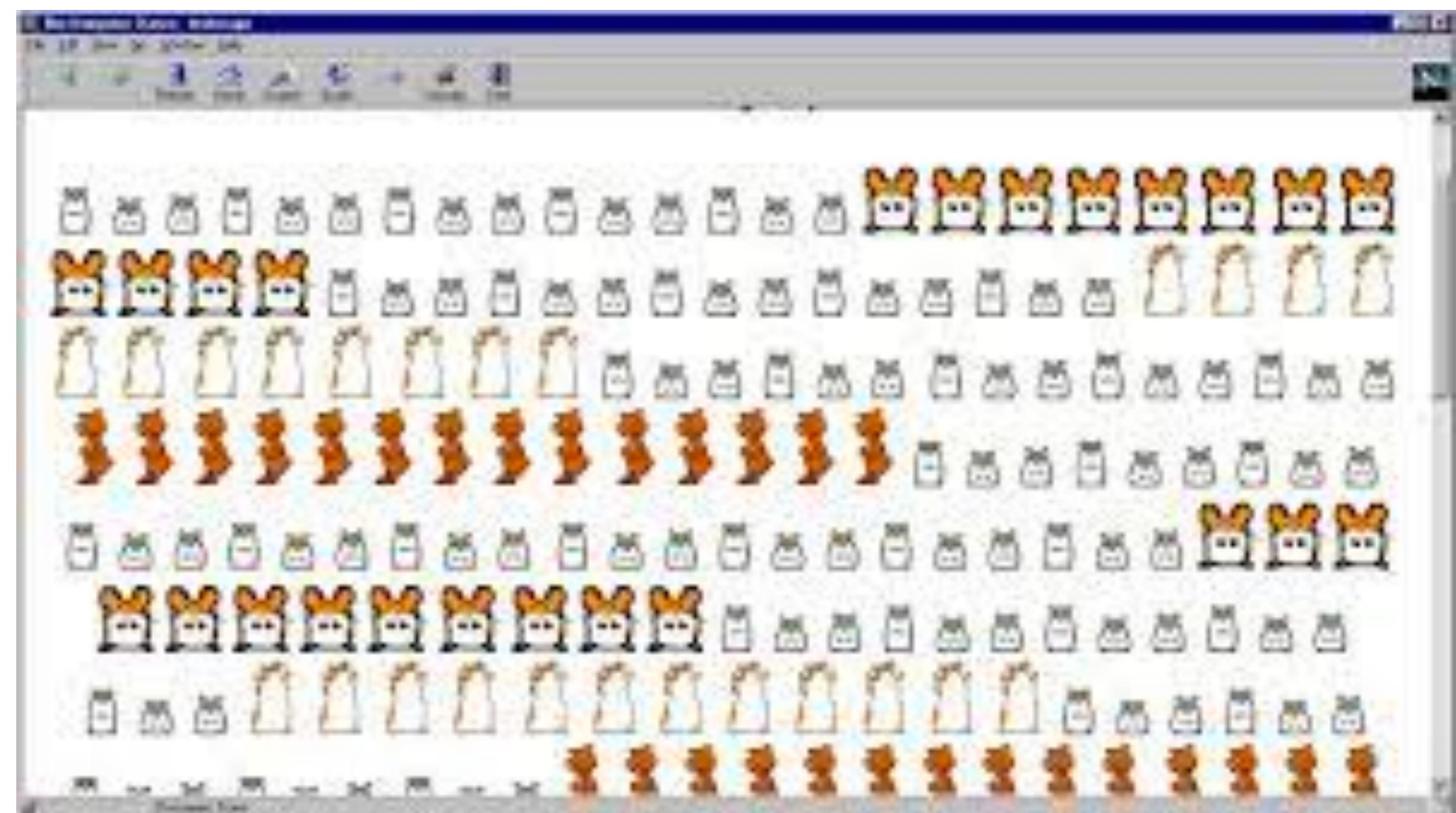
2^8

2^{10}

2^{12}



More fun...



Deidre LaCarte, Hampster Dance, 1998



Adam Curtis, Hypernormalisation, 2016