



Intro to Web Development

Technology, Culture + Society
Integrated Digital Media (<3 IDM)

Monday + Wednesday 6:00 - 7:50 pm
Instructor: rebecca (marks) leopold
rebleo@nyu.edu || rml444@nyu.edu
@rebeccaleopold on most platforms

ZOOM

Our class will meet synchronously during our class time. Attendance is not mandatory if you really can't attend. Recordings will be provided. PLEASE REMIND ME TO RECORD WHEN APPROPRIATE. YES, AFTER NEARLY A YEAR I WILL FORGET. THX.

You should have your camera on as much as possible. PLEASE. It is not only a way for us to get to know one another - it literally helps me run the class. From time to time I will turn off my camera to save bandwidth. Also, as much as possible - be in a formal quiet setting to attend class. This class is VERY visual. Listening on your phone while walking downtown will not suffice for you to absorb the material.

If you plan on attending class from home - or your dorm I strongly suggest you buy an **external monitor.** The tool kit for this class tends to take up a lot of visual real estate. This will also encourage us to keep formal workspaces. If possible I strongly encourage you to buy a **wifi dongle** and connect your machine directly into your router via an **ethernet cable.**

And I should note, I tend not to check my email the half hour before class - if you need to relay information to me use our Discord server.

syllabus + class admin:

class repo: https://github.com/IDMNYU/webDev_A_Spring2021

class wiki: https://github.com/IDMNYU/webDev_A_Spring2021/wiki

if you do not already have a github account:

!! <https://education.github.com/pack> !!

the web as a creative medium (!)



wara



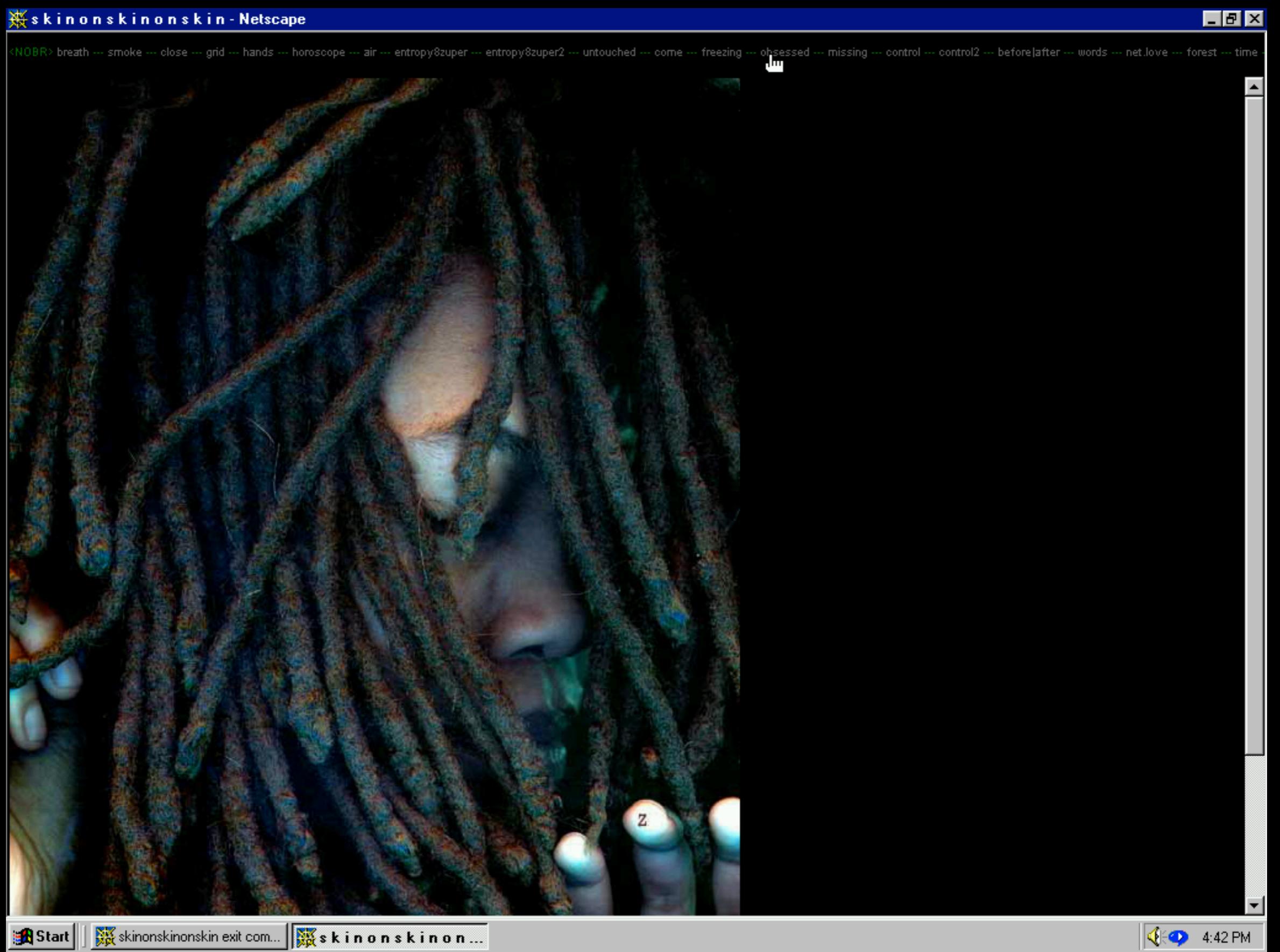
Not Secure | www.teleportacia.org/war/wara.htm



you don't trust me,
i see

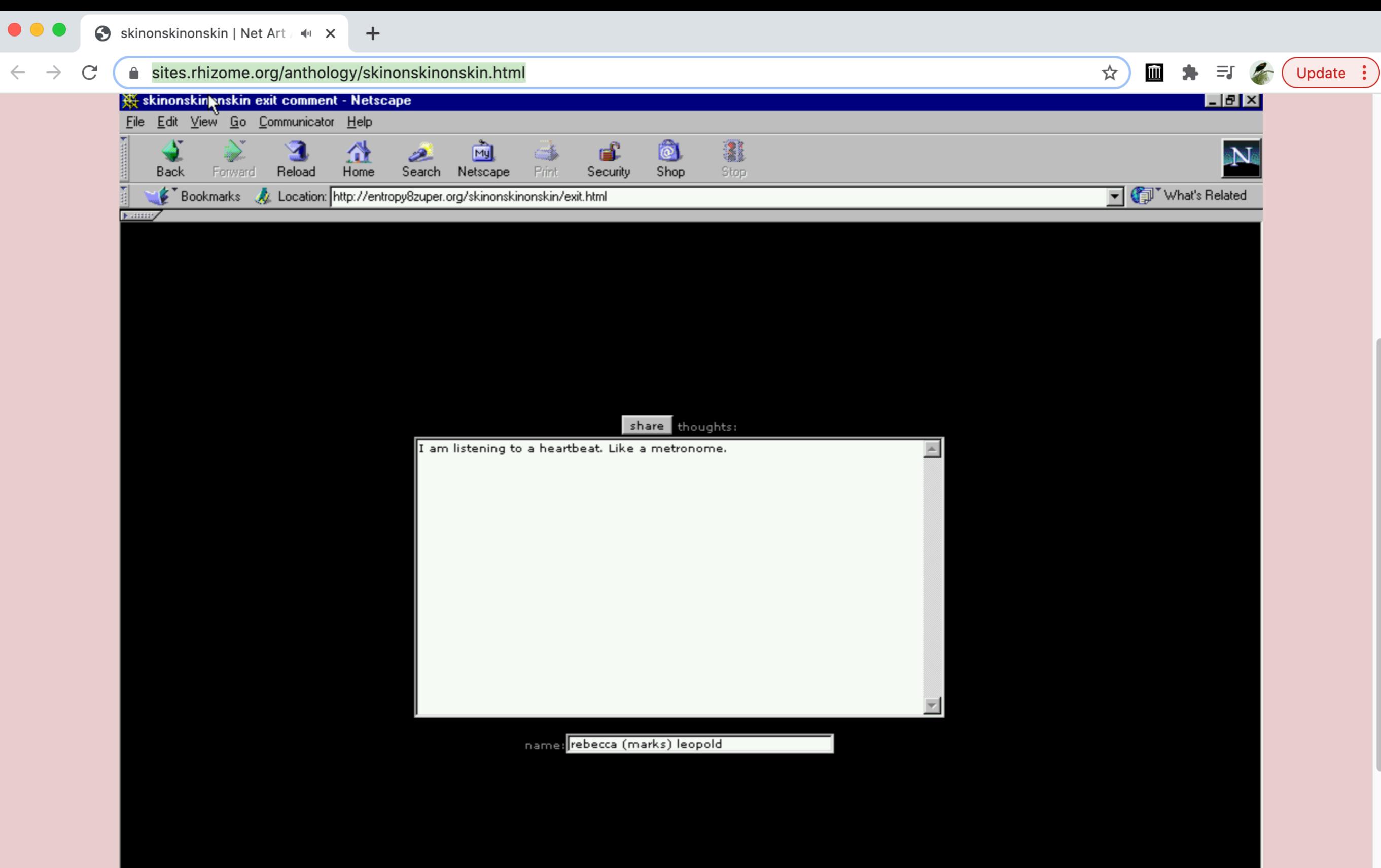
My Boyfriend Came Back From War, 1996

Olia Lialina



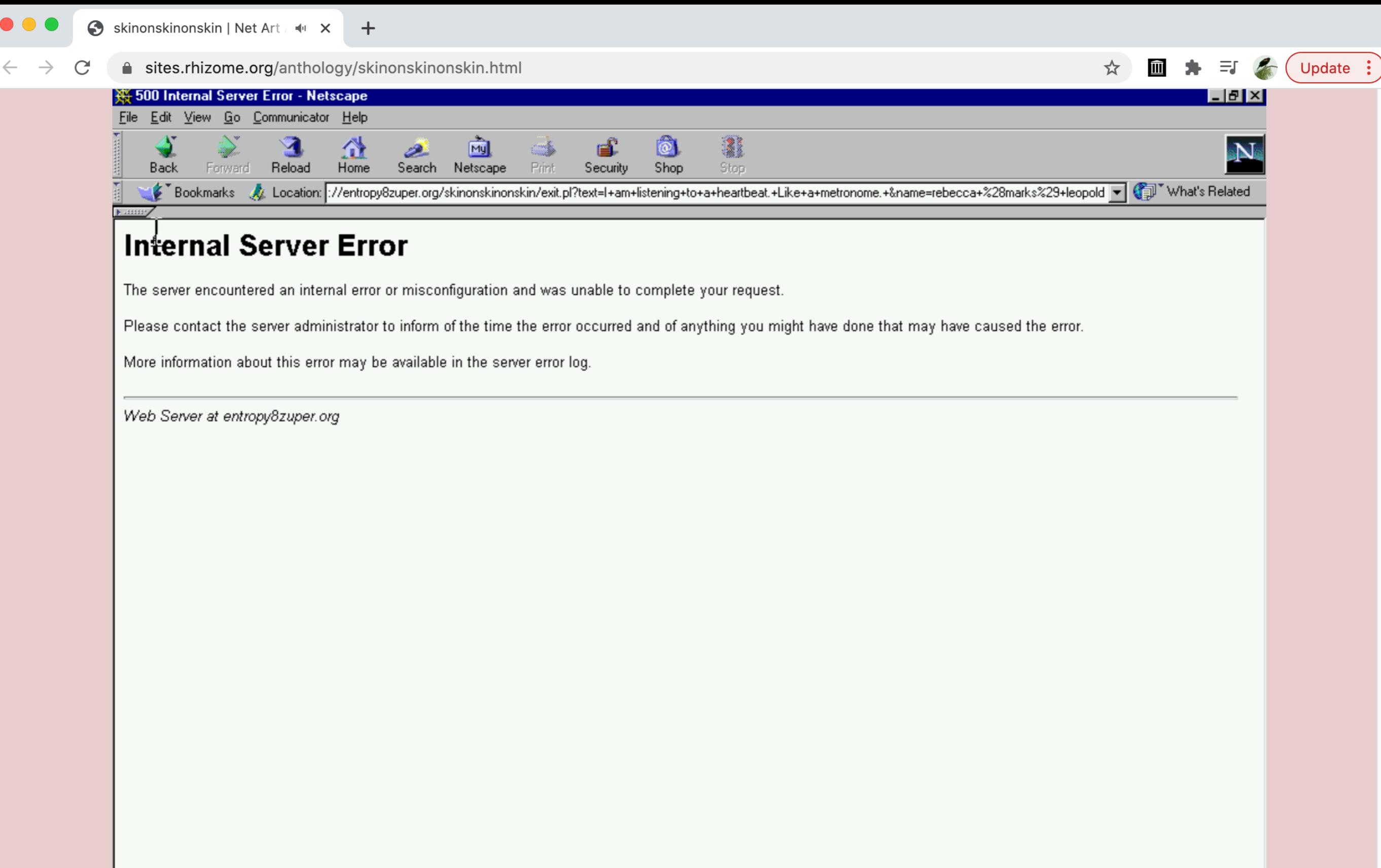
skinonskinon, 1999

Auriea Harvey (Entropy8) + Michaël Samyn (Zuper!)
Entropy8Zuper!



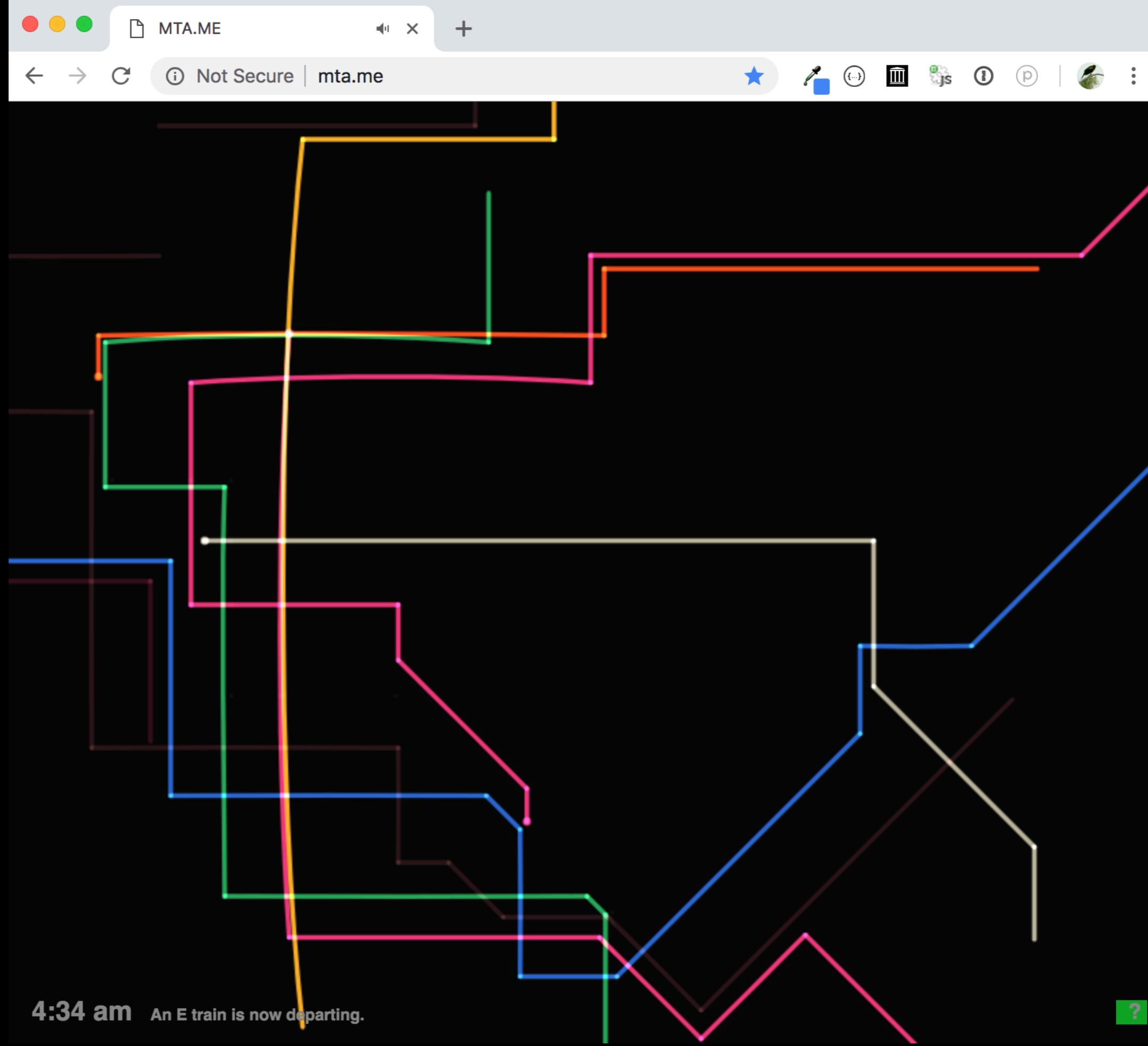
[skinonskinonskin](#), 1999

Auriea Harvey (Entropy8) + Michaël Samyn (Zuper!)
Entropy8Zuper!

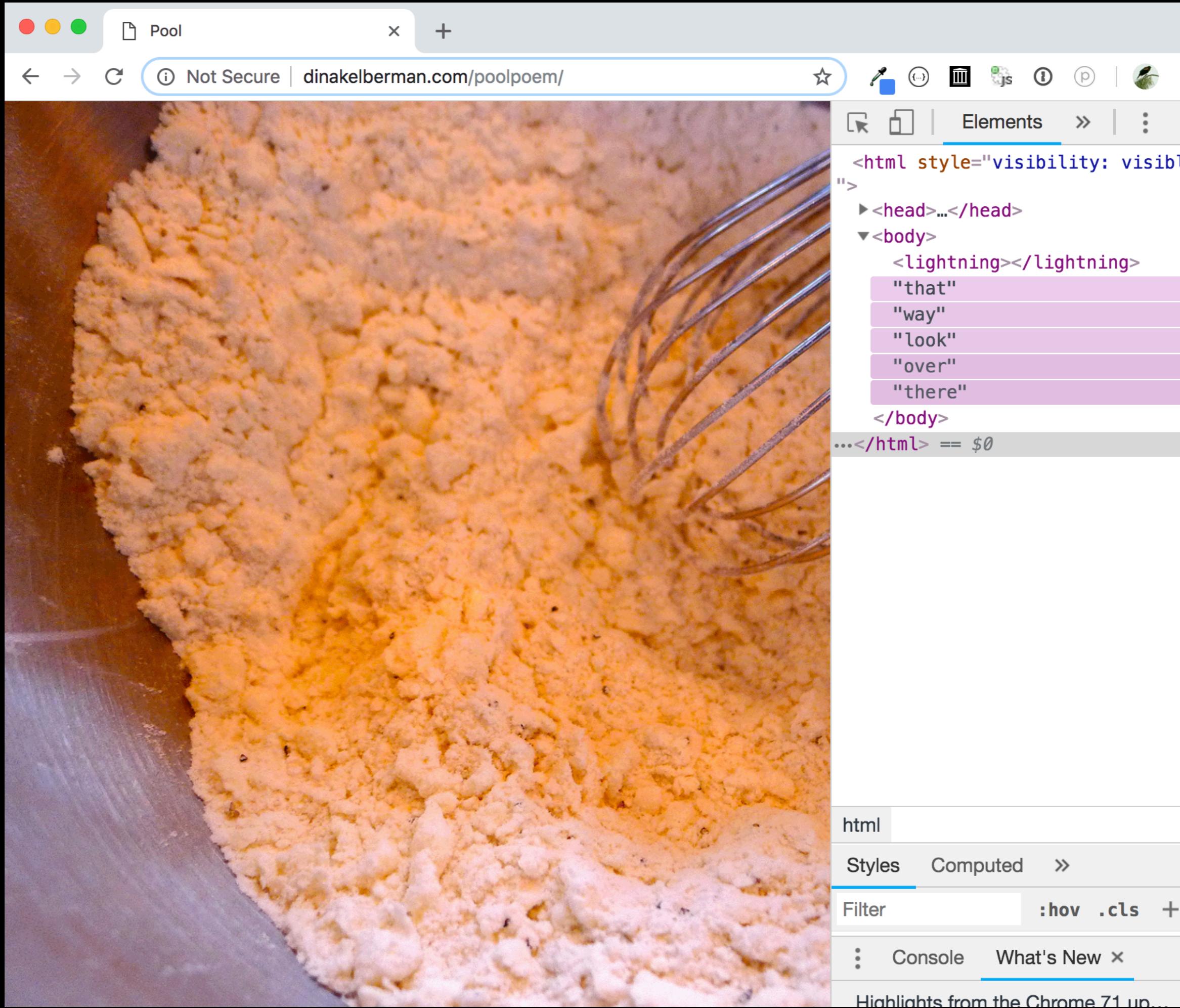


skinonskinonskin, 1999

Auriea Harvey (Entropy8) + Michaël Samyn (Zuper!)
Entropy8Zuper!



MTA.ME, 2011
Alexander Chen



```
<html style="visibility: visible">
  <head>...</head>
  <body>
    <lightning></lightning>
    "that"
    "way"
    "look"
    "over"
    "there"
  </body>
...</html> == $0
```

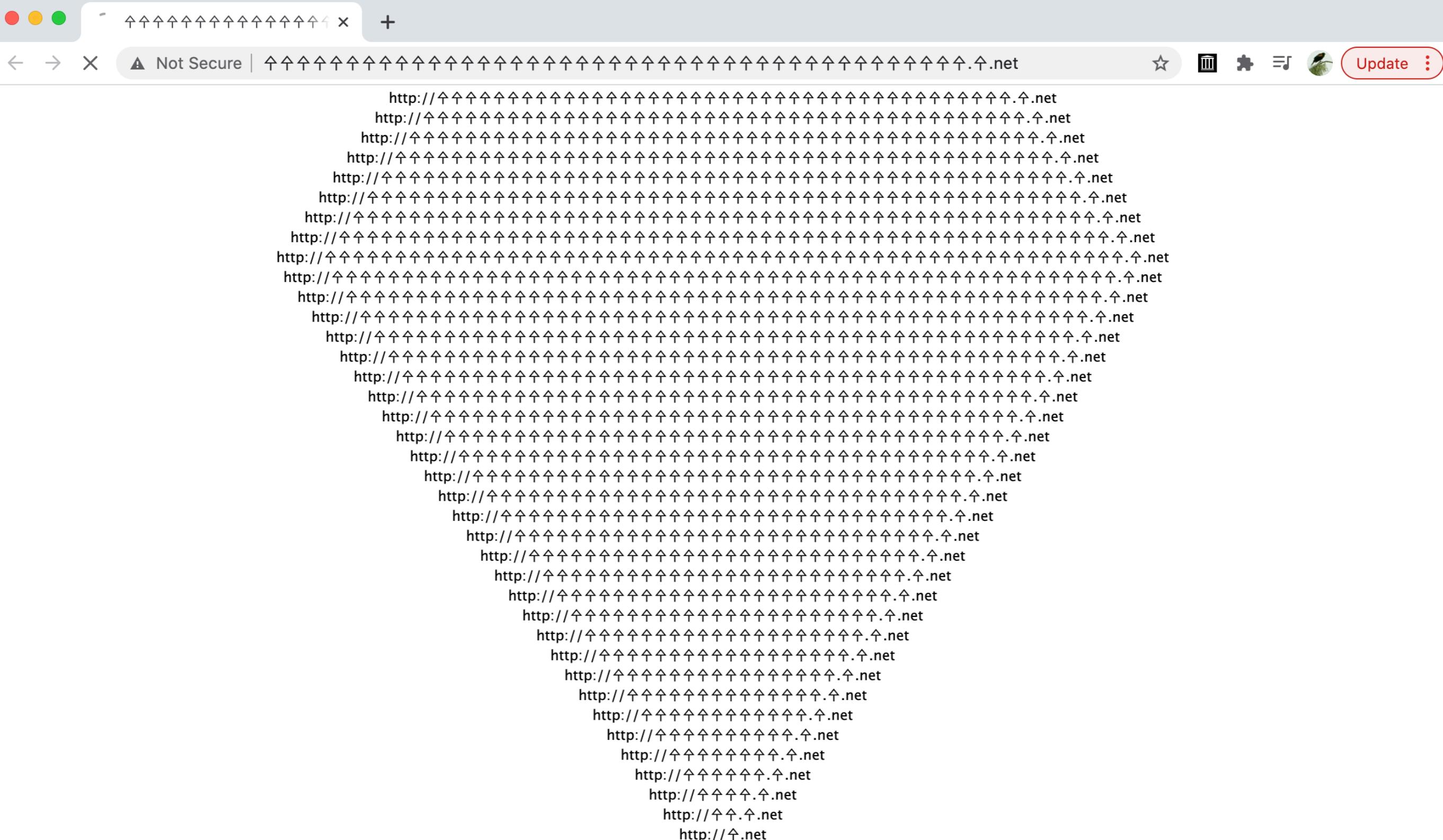
html

Styles Computed »

Filter :hov .cls +

⋮ Console What's New ×

Highlights from the Chrome 71 up...



what is the internet?

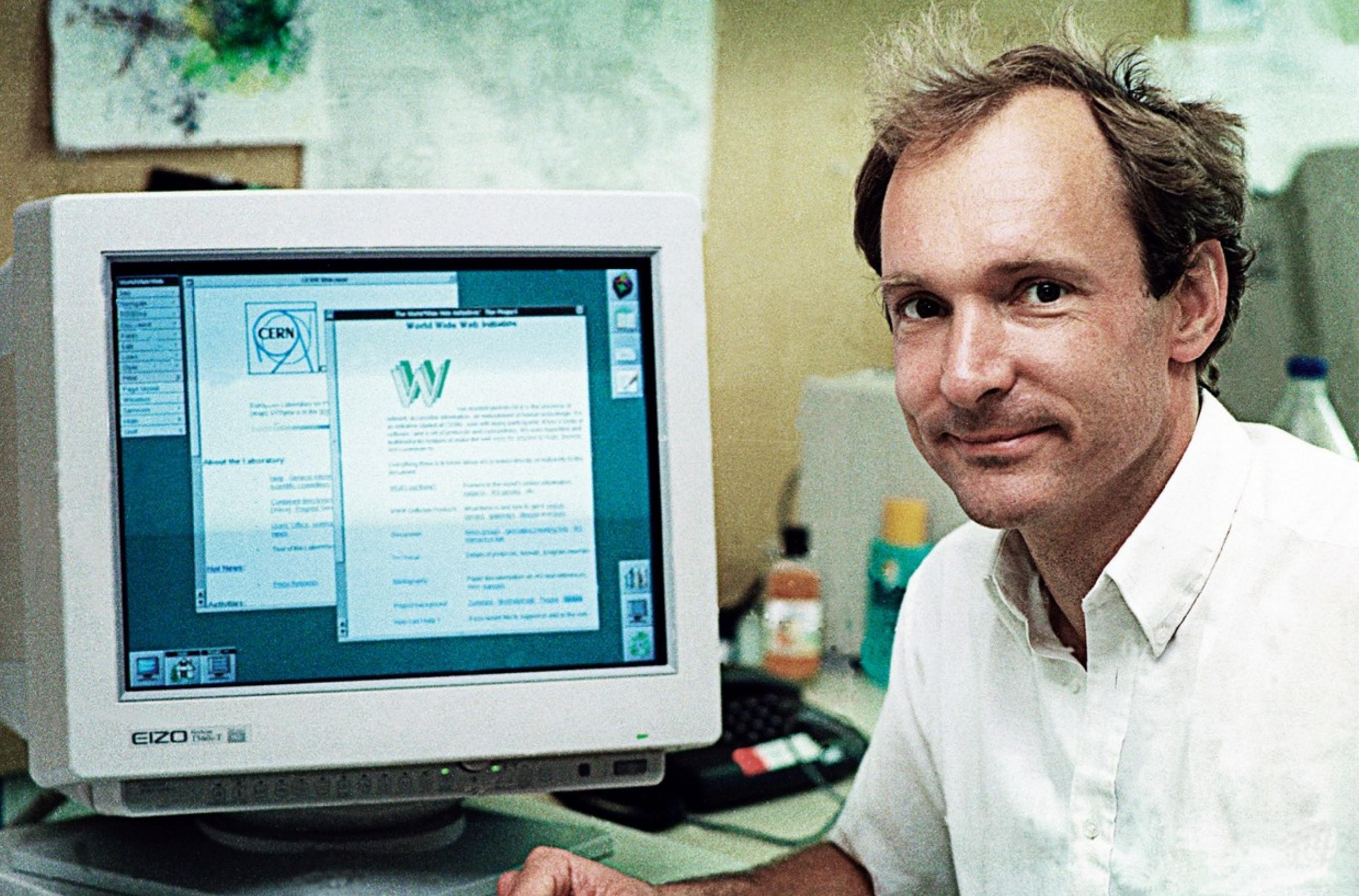


1969 - Arpanet

first message sent from UCLA to Stanford

Stanford machine had 128 Kb of memory and 24 Mb of disk space

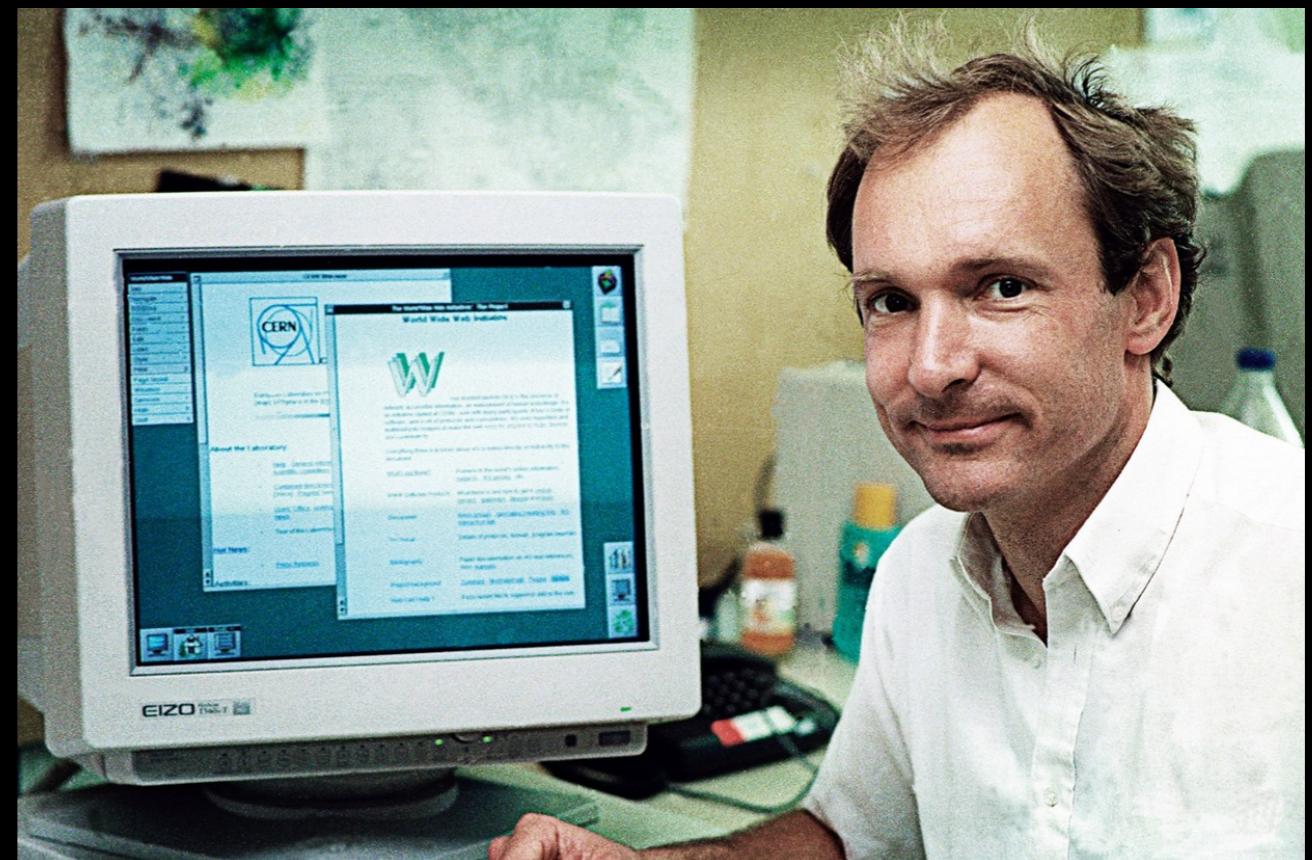
when was the web invented?



1989 - Due to the way the NeXT software was designed, **Tim Berners-Lee** is able to invents the WWW on a NeXT machine

"I still has to find a way to turn text into hypertext, though. This required being able to distinguish text that was a link from text that wasn't. I delved into the files that defined the internal workings of the text editor, and happily found a spare thirty-two bit piece of memory, which the developers of NeXT had graciously left open for future use by tinkerers like me. I was able to use the spare space as a pointer from each span of text to the address for any hypertext link. With this, hypertext was easy. "

—Tim Berners Lee





1989 - First Web Server

Due to the way the computer's storage was designed, Tim Berners-Lee invents the WWW (HTTP) on a NeXT machine

HTML



CSS



JS



May 1995 - Brendan Eich - Netscape developer creates Mocha, renamed LiveScript
Dec 1995 - Netscape renames to JavaScript
1996/1997 - Netscape standardizes ECMA Standards Organization
2014 - Quits Mozilla after pressure from shareholders for supporting far right groups trying to undo Prop 8.

Image from wikipedia
History From Here

Brendan Eich



Brendan Eich, official Mozilla Foundation photograph, August 21, 2012

Born July 4, 1961 (age 57)
Pittsburgh, Pennsylvania, U.S.

Residence San Francisco Bay Area

Alma mater University of Illinois at Urbana-Champaign
Santa Clara University

Known for JavaScript

Website brendaneich.com

Web. 1.0

HTML + CSS

1989 - 2004

(most of you were born in here i think.)

Web. 2.0

HTML, CSS + JS

c. 2004

A Web Page **WAS**:

HTML - Hyper Text Mark Up

is a grammar for structuring web pages. It defines paragraphs, headings, data tables + media elements. HTML describes the content of the page - not how it looks.

CSS - Cascading Style Sheet

rules for styling a web page. Setting colors, positioning, typeface, layout and even timing. It can be used to consider the design of your page across different platforms and screen sizes.

(Web. 1.0)

```
<!DOCTYPE html>
<html>
  <head>
    <title> 🖥 Inro to CSS</title>
  </head>
  <body>
    <h1>
      This Webpage though....
    </h1>
    <p>
      here is a page of text. here is a page of text. here...
    </p>
    <img src = "https://media.giphy.com/media/
IYf4uAJEWVo1FffnVD/giphy.gif">
  </body>
</html>
```

This Webpage though....

here is a page of text. here is a page of text. here...



html looks like this: