The Web

under de/con-struction

Does today's web live up to the dreams and promises of the Geocities generation?

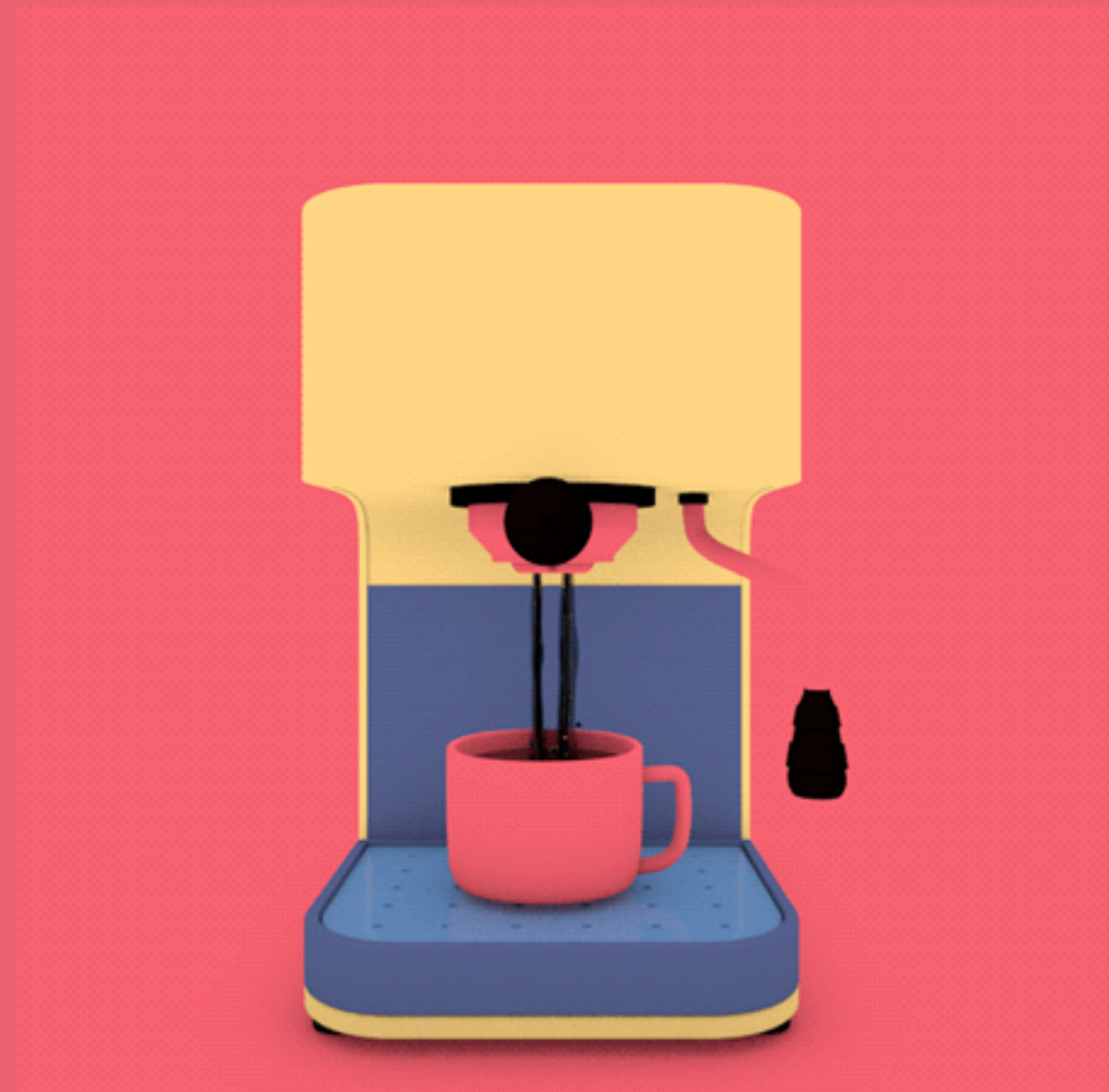- **Parimal Satyal**
  Geek and Internet person
  13 July 2016

The Web

under de/con-struction

Does today's web live up to the dreams and promises of the Geocities generation?

- **Parimal Satyal**
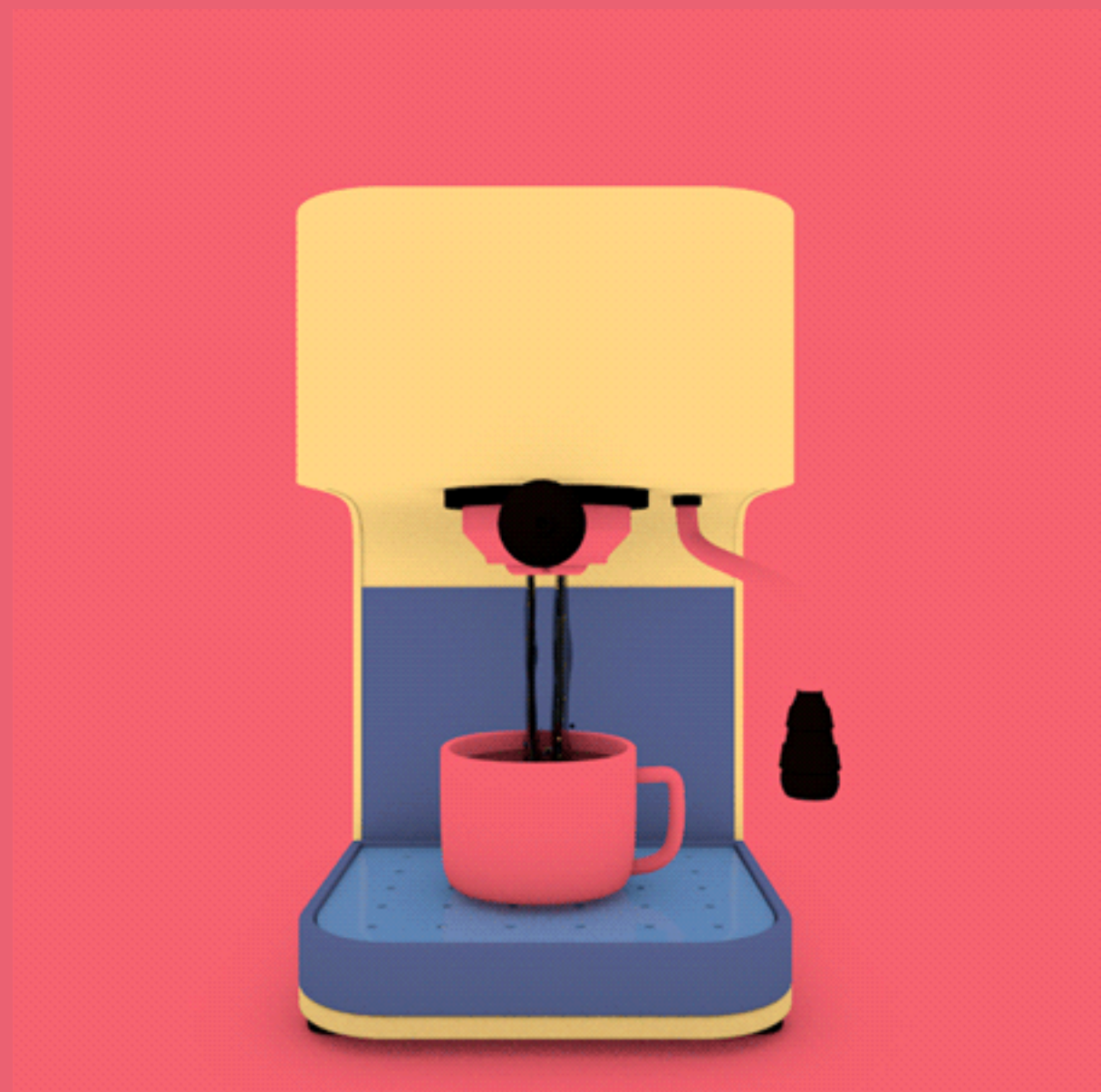 Geek and Internet person
  13 July 2016

in the next hour

1. **the early days**
2. **the modern web**
3. **cracks on the wall**
   i.   bloat and dependency
   ii. gatekeepers and walled gardens
   iii. surveillance capitalism + insecure connections
   iv. 'immersive experiences'
4. **restoring sanity**

the early days

It all started with one man with one proposal: „Mesh"

Tim Berners-Lee at CERN in March 1989.

Here's the address: https://www.w3.org/History/1989/proposal.html

First ever web page

1990. Here's the address: http://info.cern.ch/hypertext/WWW/TheProject.html

First ever web page

World Wide Web

The WorldWideWeb (W3) is a wide-area hypermedia information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an executive summary of the project, Mailing lists , Policy , November's W3 news , Frequently Asked Questions .

What's out there?
    Pointers to the world's online information, subjects , W3 servers, etc.
Help
    on the browser you are using
Software Products
    A list of W3 project components and their current state. (e.g. Line Mode ,X11 Viola , NeXTStep , Servers , Tools , Mail robot , Library)
Technical
    Details of protocols, formats, program internals etc
Bibliography
    Paper documentation on W3 and references.
People
    A list of some people involved in the project.
History
    A summary of the history of the project.
How can I help ?
    If you would like to support the web..
Getting code
    Getting the code by anonymous FTP , etc.

1990. Here's the address: http://info.cern.ch/hypertext/WWW/TheProject.html

WORLD WIDE WEB

The WorldWideWeb (W3) is a wide-area hypermedia[1] information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an executive summary[2] of the project, Mailing lists[3] , Policy[4] , November's W3 news[5] , Frequently Asked Questions[6] .

What's out there?[7]Pointers to the world's online information, subjects[8] , W3 servers[9], etc.

Help[10]   on the browser you are using
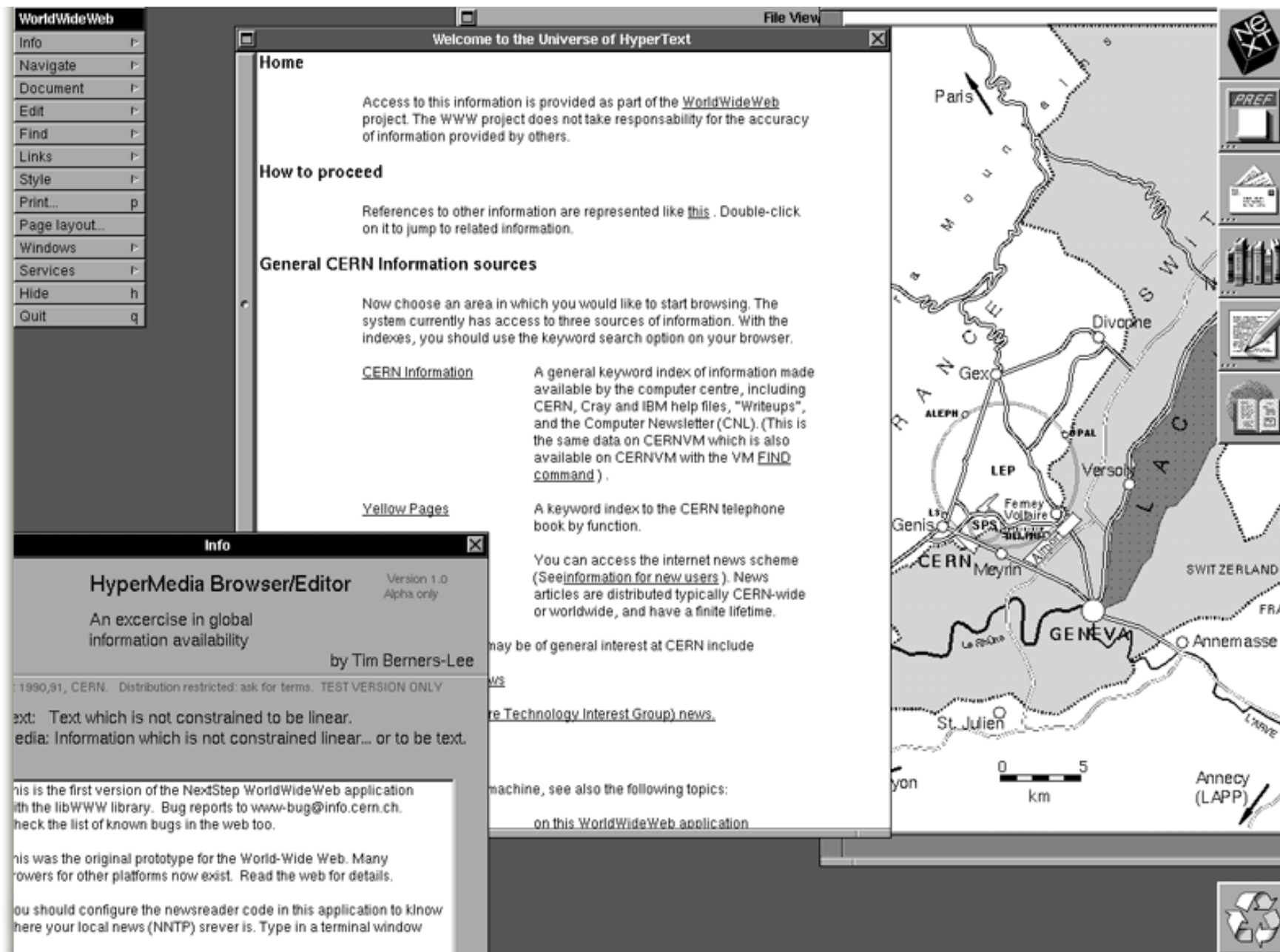
Software   A list of W3 project components and their current
Products[11]   state. (e.g. Line Mode[12] ,X11 Viola[13] ,
                        NeXTStep[14] , Servers[15] , Tools[16] , Mail
                        robot[17] , Library[18])

Technical[19]   Details of protocols, formats, program internals
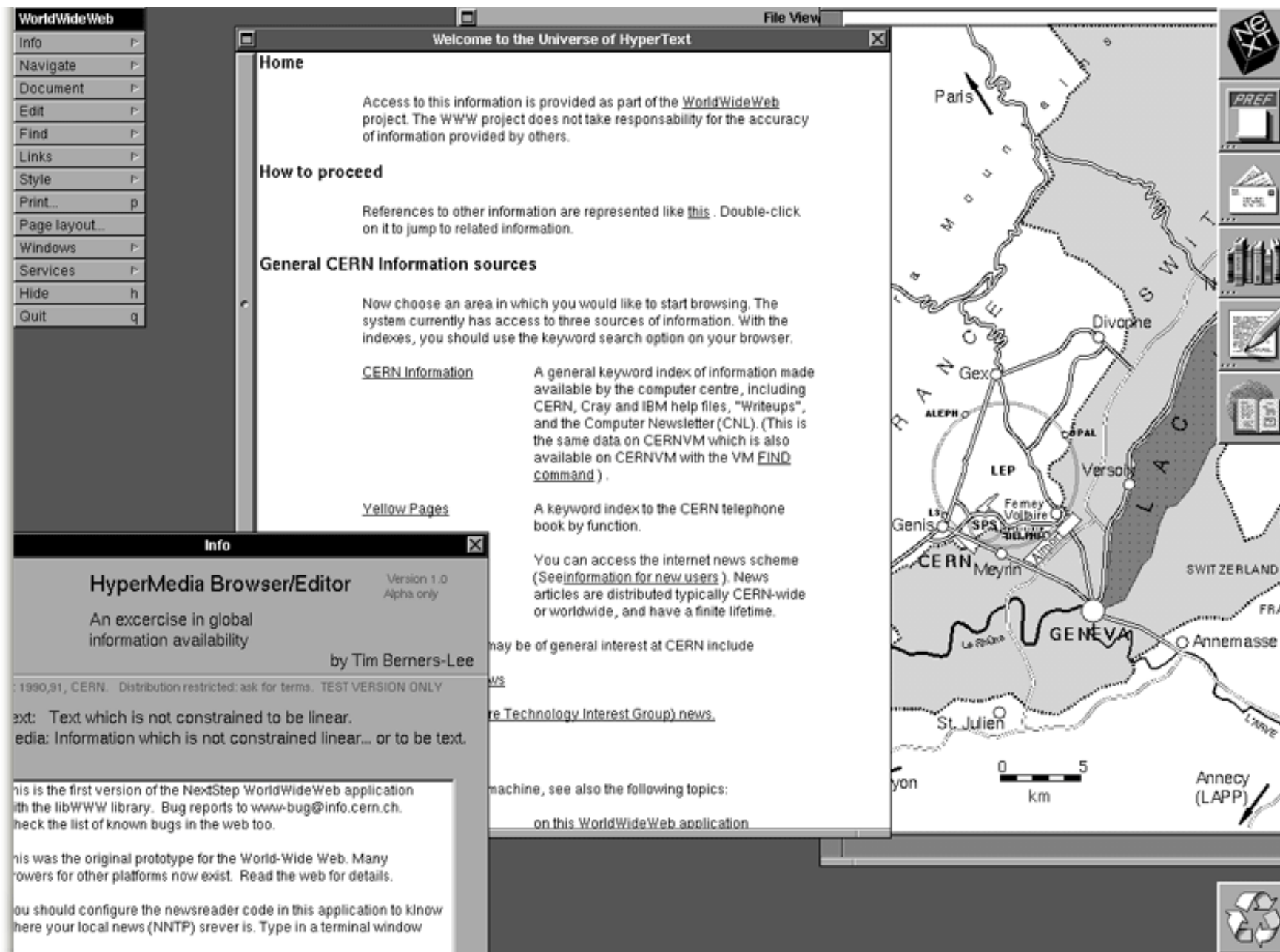   etc

<ref.number>, Back, <RETURN> for more, or Help:

First ever (graphical) web browser

Hypermedia Brower In 1993 by Tim Berners-Lee (on NeXTStep), http://info.cern.ch/NextBrowser.html

First ever (graphical) web browser

Hypermedia Brower In 1993 by Tim Berners-Lee (on NeXTStep), http://info.cern.ch/NextBrowser.html

First ever web server

„*httpd*"
*128.141.201.74**

and then…

930430

ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE

CERN EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

STATEMENT CONCERNING CERN W3 SOFTWARE RELEASE INTO PUBLIC DOMAIN

TO WHOM IT MAY CONCERN

Introduction

The World Wide Web, hereafter referred to as W3, is a global computer networked information system.

The W3 project provides a collaborative information system independent of hardware and software platform, and physical location. The project spans technical design notes, documentation, news, discussion, educational material, personal notes, publicity, bulletin boards, live status information and numerical data as a uniform continuum, seamlessly intergated with similar information in other disciplines.

A cropped version of the document that CERN published 30 April 1993 making world wide web software freely available (Image: CERN)

Source: http://home.cern/images/2014/02/cern-makes-web-available-all
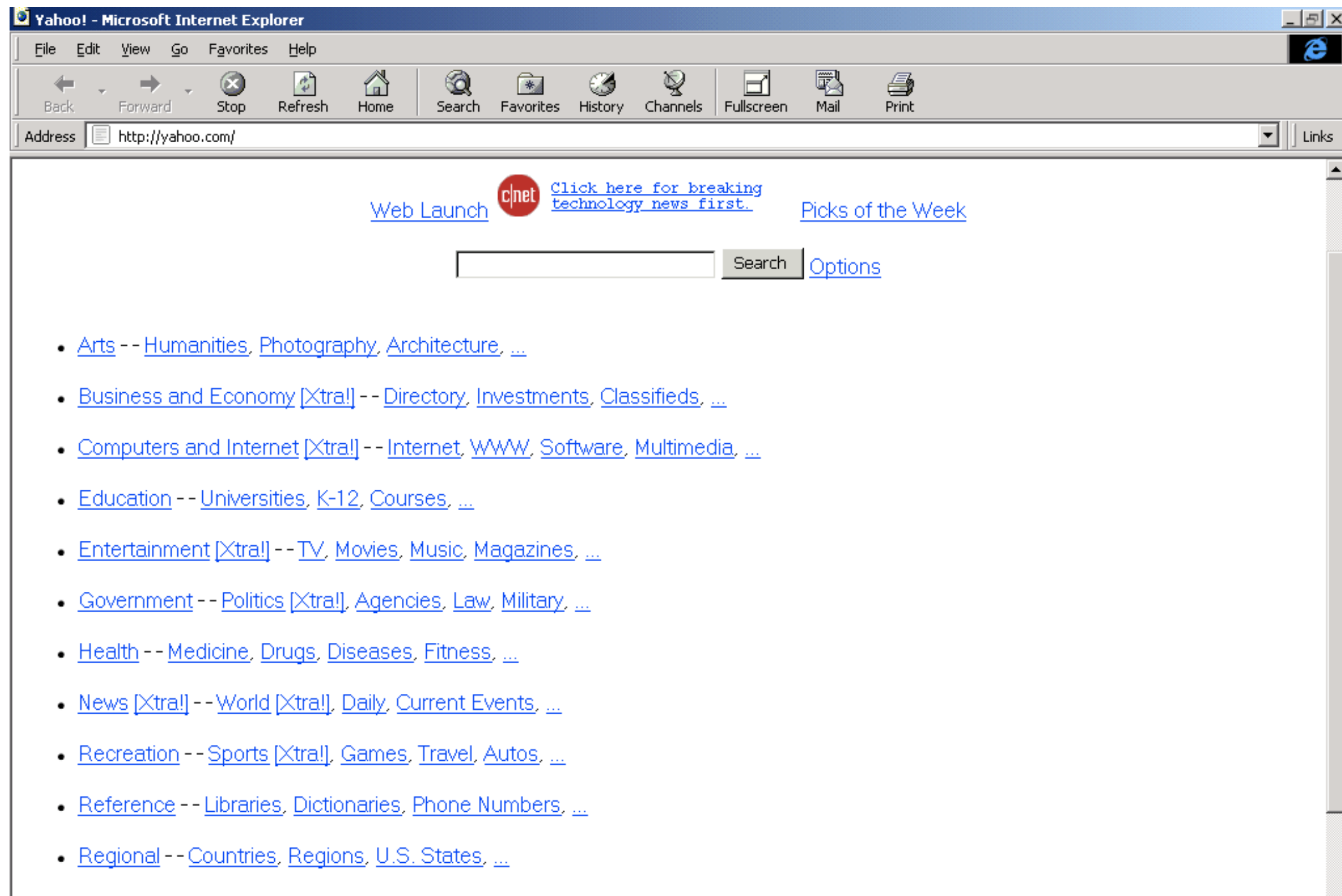
Yahoo.com,
[1 January 1996]

Today's web browsers want to be invisible, merging with the visual environment of the desktop in an effort to convince users to treat "the cloud" as just an extension of their hard drive. In the 1990s, browser design took nearly the opposite approach, using iconography associated with travel to convey the feeling of going on a journey.

— Cyberspace, the old-fashioned way
http://rhizome.org/editorial/2015/nov/30/oldweb-today/, [Nov 30 2015]

Today's web browsers
with the visual enviro
to convince users to t
extension of their har
design took nearly the
iconography associa
feeling of going on a

Promise of a
more connected
world

icq   **Codigo**   *#IRC*

Promise of a
more connected
world

* not technically the „web"

Promise of a
more *global*
world

Promise of a
more *global*
world

Promise of a
more global
world

Kardashev Scale

1964, Nikolai Kardashev

Type 1
Planetary

Type 2
Solar-system

Type 3
Galactic

Kardashev Scale

1964, Nikolai Kardashev

Type 1
Planetary

Type 2
Solar-system

Type 3
Galactic

*   Sagan, C (1973) Jerome Agel. ed. *Cosmic Connection: An Extraterrestrial Perspective*. Freeman J. Dyson, David Morrison. Cambridge Press. ISBN 0-521-78303-8.

For a nice, approachable introduction to the Kardashev scale, I'd recommend this small talk by Michio Kaku: https://www.youtube.com/watch?v=tnmmnpj_pX8

Kardashev Scale

1964, Nikolai Kardashev

0.7* **Type 1**
Planetary

Type 2
Solar-system

Type 3
Galactic

* Sagan, C (1973) Jerome Agel. ed. *Cosmic Connection: An Extraterrestrial Perspective.* Freeman J. Dyson, David Morrison. Cambridge Press. ISBN 0-521-78303-8.

For a nice, approachable introduction to the Kardashev scale, I'd recommend this small talk by Michio Kaku: https://www.youtube.com/watch?v=tnmmnpj_pX8

Promise of a
more serendipitous
world

When the Machine Stops

from Machine World by Albion

▶ 00:00 / 05:15

Digital Track

Includes unlimited streaming via the free Bandcamp app, plus high-quality download in MP3, FLAC and more.

Buy Now **$1** USD

Send as Gift

Buy the Full Digital Album

Full Digital Discography

10 releases

Get **all 10 Albion releases** available on Bandcamp and save **40%**.

Includes unlimited streaming via the free Bandcamp app, plus high-quality downloads of Stand Our Ground, The Poison Skies, Live On (Stage Edit), The Day the Night Slept, Signal from the Sky, Crystal Towers 2, Unreality, Dreamscape, and 2 more.

Buy Now **$16.80** USD or more (40% OFF)

When the Machine Stops

from Machine World by Albion

▶ 00:00 / 05:15

Digital Track

Includes unlimited streaming via the free Bandcamp app, plus high-quality download in MP3, FLAC and more.

Buy N

Send as

Buy t

Full Di

> This is a cover of a song by an amateur metal artist from Nepal who I met on the Iron Savior message boards a few years ago. He goes by the names Parimal Satyal and 'Atlantis'. At the time I met him, I had been planning a song inspired by E. M. Forster's "When The Machine Stops" for a while, but it was going nowhere, and I was amazed that he had written one about the same thing.

releases   ↪ **Share / Embed**   ♡ **Wishlist**

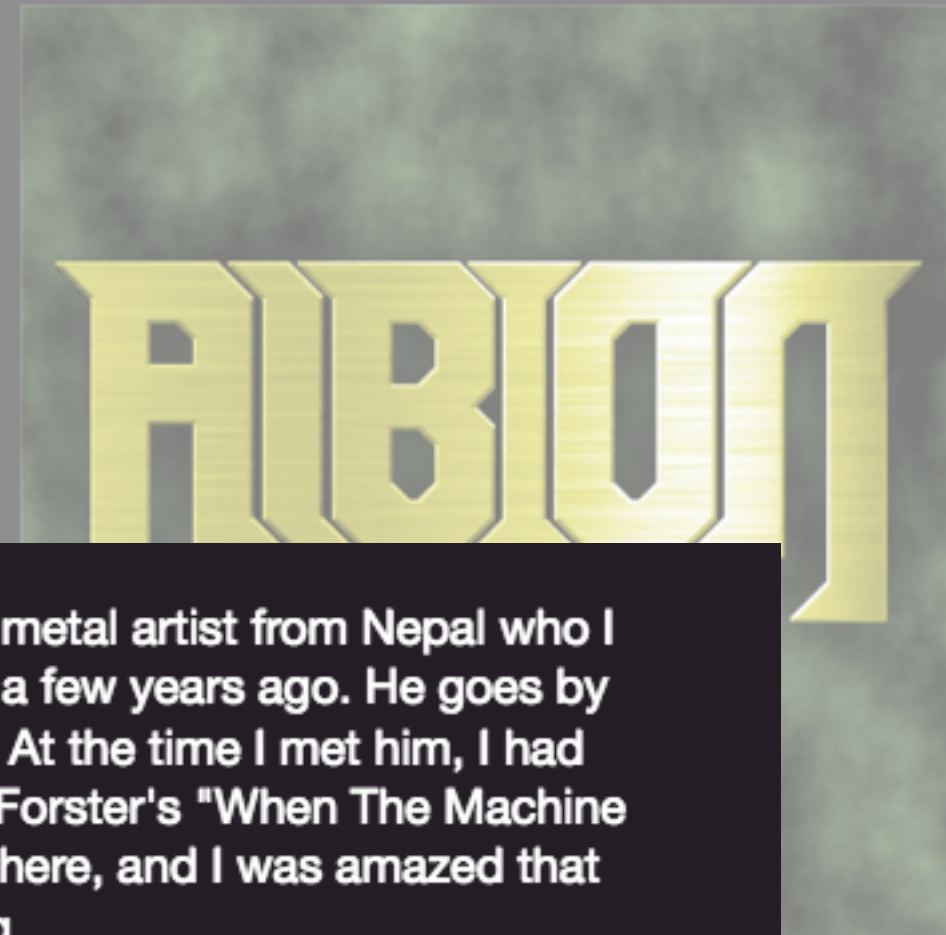Get **all 10 Albion releases** available on Bandcamp and save **40%**.

Includes unlimited streaming via the free Bandcamp app, plus high-quality downloads of Stand Our Ground, The Poison Skies, Live On (Stage Edit), The Day the Night Slept, Signal from the Sky, Crystal Towers 2, Unreality, Dreamscape, and 2 more.

Buy Now $16.80 USD or more **(40% OFF)**

Promise of a
more exciting
world

home help search login register

Armageddon PowerForums
├ **Gamma Ray**
│ ├ **Powermetal Chamber** (Moderators: Darkwin, Weichy)

Pages: 1   new thread new poll

		Subject	Started by	Replies	Views	Last post
		Shaman, how does it sounds? « Pages: 1 2 »	Regrin	29	465	Jun 28th, 2003, 08:01am by Darkwin
		What`s the best voice ever known?? « Pages: 1 2 »	Regrin	23	542	Jun 28th, 2003, 07:55am by Darkwin
		Children Of Bodom: Powermetal? « Pages: 1 2 3 4 »	Weichy	45	734	Jun 17th, 2003, 9:58pm by Annie
		20th yearS of NOISE	Regrin	14	198	May 10th, 2003, 12:21pm by Annie
		What´s your fave song from Iron Savior with Kai	Regrin	5	139	Apr 28th, 2003, 12:22pm by Darkwin
		Freedom Call's Call... Your OPNN « Pages: 1 2 3 »	Darkwin	41	665	Apr 27th, 2003, 12:47pm by Weichy
		Avantasia II « Pages: 1 2 3 4 5 »	Darkwin	64	882	Apr 27th, 2003, 12:45pm by Annie
		Masterplan « Pages: 1 2 »	Bushroot	26	410	Apr 27th, 2003, 10:55am by Darkwin
		Sinergy: To Be or Not to Be	Darkwin	6	58	Apr 15th, 2003, 11:20am by Darkwin
		New bands « Pages: 1 2 »	Weichy	27	526	Apr 1st, 2003, 10:13am by Darkwin
		Quotes game « Pages: 1 2 3 4 5 6 7 »	Odbytor	97	1717	Dec 9th, 2002, 09:07am by Darkwin
		Powermetal specials... « Pages: 1 2 »	Darkwin	16	410	Oct 28th, 2002, 04:58am by Darkwin

Pages: 1   new thread new poll

Forum Jump

Ataraxia Online

side.jpg
(9682 bytes)

Howdy everyone! Welcome to my new and updated site, some of you guyz might have liked the previous site. You can click here to go to the old one. Many people told me that the old site used frame and so took time to load. I decided to create another version of the site for those people who have slow internet connections and slow processors. So, some of you might not know me very well. I am Parimal Satyal, and a reside in Baluwatar, Kathmandu. I live there with my family (Including dingo, my doberman terrier). Please click here to visit my bro's site. Hey. did you notice those blue balls following your mouse? Cool...or what? For the linx to the sites I get my scripts and other cool stuff. We i guess I told you my website address or you saw it in somebody'a guestbook. Yeah! Do ya like the colors and text FX and stuff. Neat...ain't it. Keep on suggesting and keep on commenting. And well, one last thing...let's ROCK...

Site Contents

Home

About Me

Interests

Home Time

Favorites

My Family

Fotoz (he he!)

Linx

Guestbook

Articles

© 2001 Parimal Satyal
parimal2k29@yahoo.com
www.parimal.radpages.com

💀

Of course, we're indulging in a bit of nostalgia. There were a lot of messed up stuff in the 90s/2000s too.

Love bug, Y2K, browser (non-)standards, ActiveX, pop-ups, 'shareware', Linkin Park.

The web was big deal.

Imperfect, chaotic, unregulated, occasionally dangerous, confusing, exciting.

the web ≠ the internet

The internet itself started around 1969. Other protocols existed.
Email (an early form) actually predates the Internet.
Then there's FTP, SMTP, Usenet.

```
From: torvalds@klaava.Helsinki.FI (Linus Benedict Torvalds)
Newsgroups: comp.os.minix
Subject: What would you like to see most in minix?
Summary: small poll for my new operating system
Message-ID: <1991Aug25.205708.9541@klaava.Helsinki.FI>
Date: 25 Aug 91 20:57:08 GMT
Organization: University of Helsinki


Hello everybody out there using minix -

I'm doing a (free) operating system (just a hobby, won't be big and
professional like gnu) for 386(486) AT clones.  This has been brewing
since april, and is starting to get ready.  I'd like any feedback on
things people like/dislike in minix, as my OS resembles it somewhat
(same physical layout of the file-system (due to practical reasons)
among other things).

I've currently ported bash(1.08) and gcc(1.40), and things seem to work.
This implies that I'll get something practical within a few months, and
I'd like to know what features most people would want.  Any suggestions
are welcome, but I won't promise I'll implement them :-)

                Linus (torvalds@kruuna.helsinki.fi)

PS.  Yes - it's free of any minix code, and it has a multi-threaded fs.
It is NOT protable (uses 386 task switching etc), and it probably never
will support anything other than AT-harddisks, as that's all I have :-(.
```

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```

Source: http://web.archive.org/web/20100104211620/http://www.linux.org/people/
linus_post.html

the modern web

OMMi

Cliquez, Visitez, Louez!

Localisation

€ Budget maximum

Surface minimum

Budget en €

Surface en m²

Go !

Soutenu par **Allianz**

M
par métro

par dessin

par quartier

OMMi c'est bien plus que des annonces

Essayez nos outils de recherche innovants : Métro, Dessin ou par Quartier

Je m'inscris !

**beautiful,
responsive,
adaptive,
immersive,
flat,
smart,
contextualized,
personalized…**

beautiful,
responsive,
adaptive,
immersive,
flat,
smart,
contextualized,
personalized…

BROKEN

cracks on wall

(a manual on how to break the internet)

bloat and dependencies

ronan cremin
@xbs

In about 7 months average web page size will be same as Doom install image.

Well done us! Onwards & upwards!

Web Page Size KB

Projected Size KB
Average Size KB

Source: httparchive.org
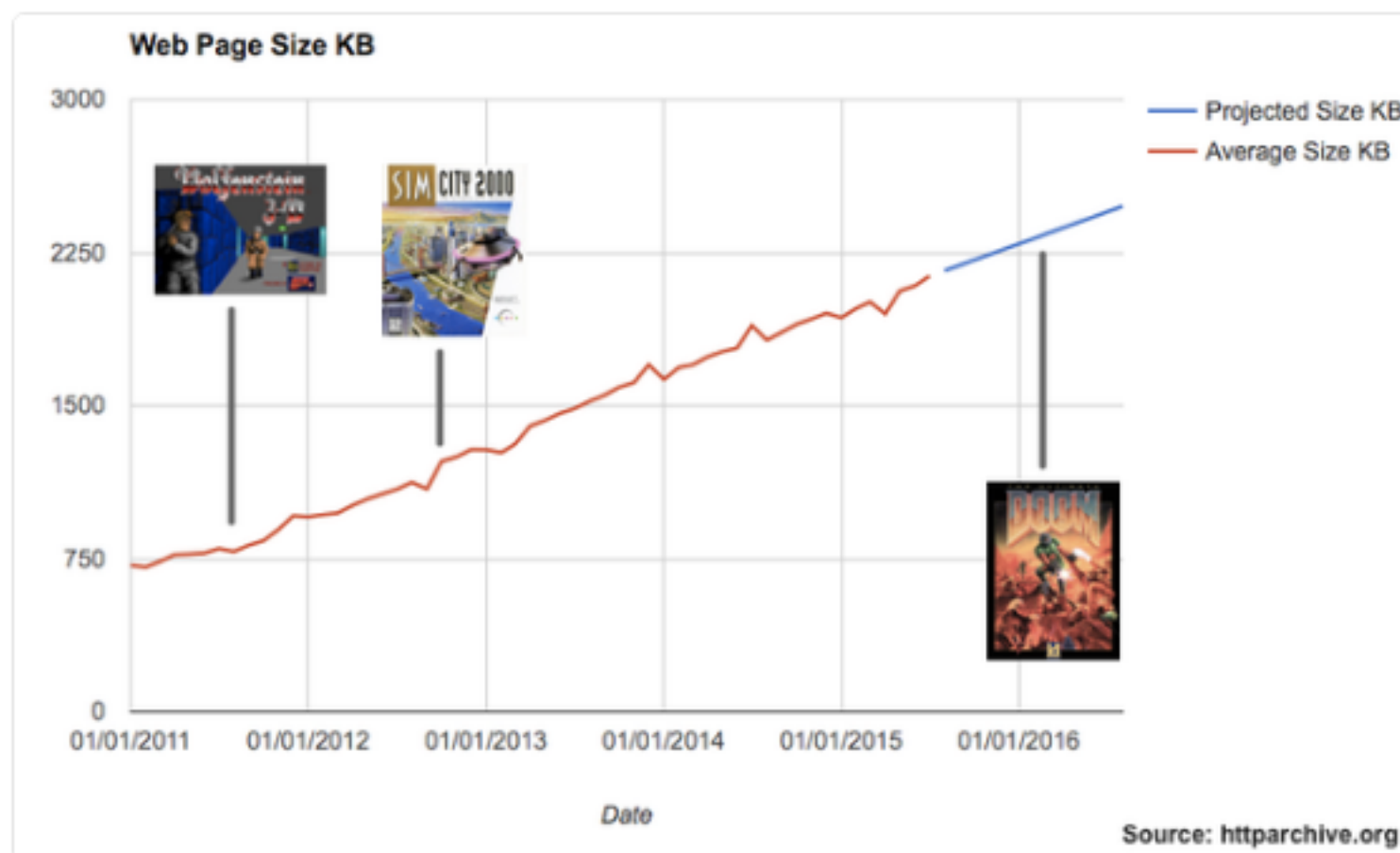
RETWEETS **4,087**   LIKES **1,811**

5:48 PM - 30 Jul 2015

4.1K   1.8K

Choose a run: Apr 1 2016 ⇕   Choose URLs: All ⇕
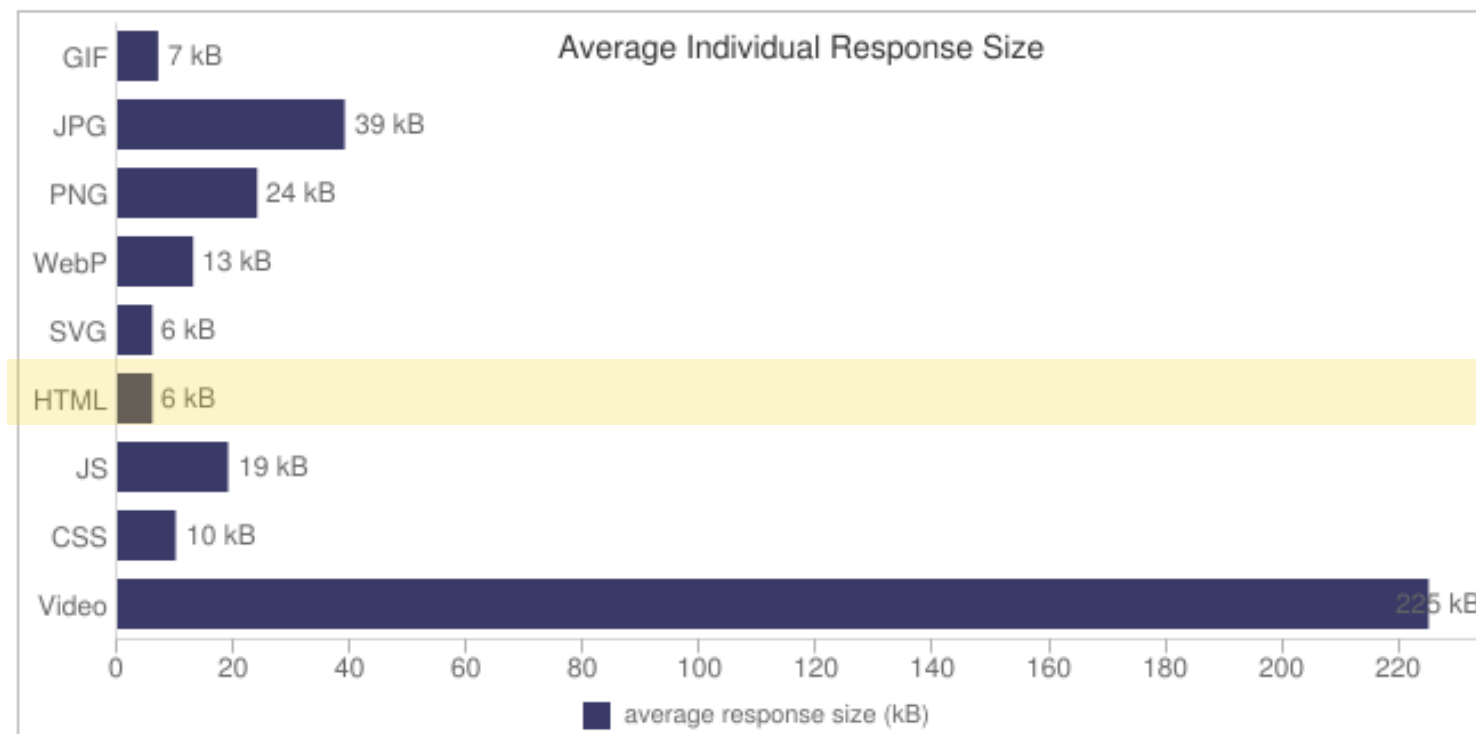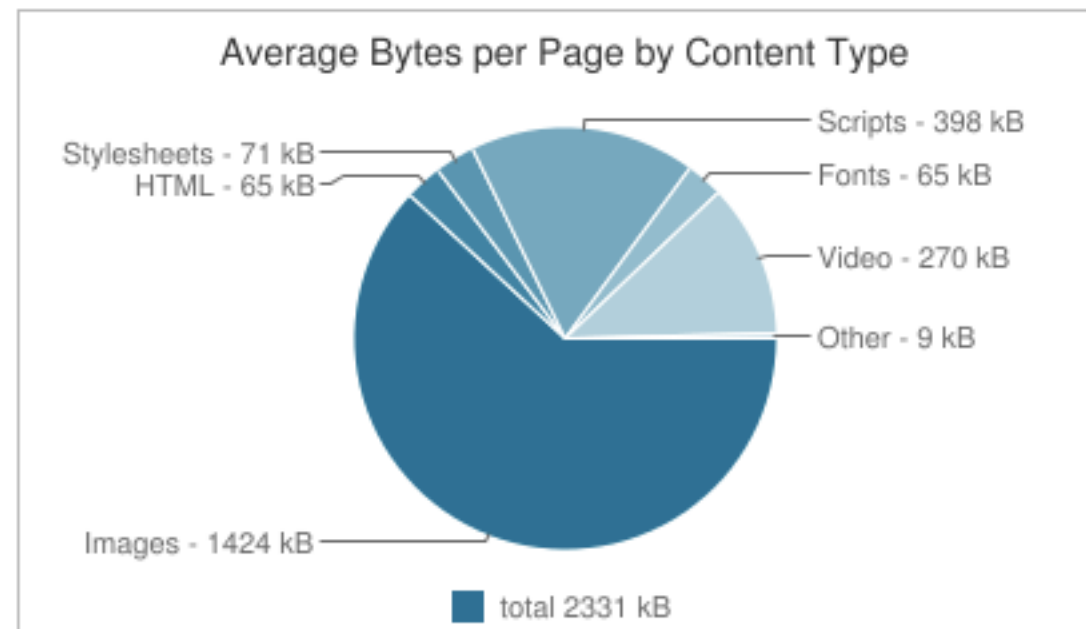
Average Bytes per Page by Content Type

Stylesheets - 71 kB
HTML - 65 kB
Scripts - 398 kB
Fonts - 65 kB
Video - 270 kB
Other - 9 kB
Images - 1424 kB

■ total 2331 kB

Average Individual Response Size

GIF	7 kB
JPG	39 kB
PNG	24 kB
WebP	13 kB
SVG	6 kB
HTML	6 kB
JS	19 kB
CSS	10 kB
Video	225 kB

1,7%

■ average response size (kB)

Source: http://www.httparchive.org/interesting.php?a=All&l=Apr%201%202016

Le Monde, journal de référence

Astronomie : la sonde Juno s'est mise en orbite autour de Jupiter

Le Monde, journal de référence

Astronomie : la sonde Juno s'est mise en orbite autour de Jupiter

DataSkydd Webbkoll

Pingdom Website Speed Test

Le Monde, journal de référence

Astronomie : la sonde Juno s'est mise en orbite autour de Jupiter

1500 words

5 images

3 videos

Le Monde, journal de référence

Astronomie : la sonde Juno s'est mise en orbite autour de Jupiter

📠 **1500** words

🖼️ **5** images

🎬 **3** videos

⚖️ **3.9 MB** page size

🍪 **174** cookies

🔷 **429** 3rd-party requests

🤝 **132** 3rd-parties contacted

🔓 **HTTPS** not enabled

📢 **Referrer** leaked

Pinboard
@Pinboard

Following

My modest proposal: your website should not exceed in file size the major works of Russian literature. Anna Karenina, for example, is 1.8 MB

RETWEETS
751

LIKES
709

1:31 AM - 13 Oct 2015

751   709

— Maciej Ceglowski,
founder of Pinboard

THE WEB PYRAMID

Scripts
only small amounts

CSS

Images

Markup

Text Worth Reading
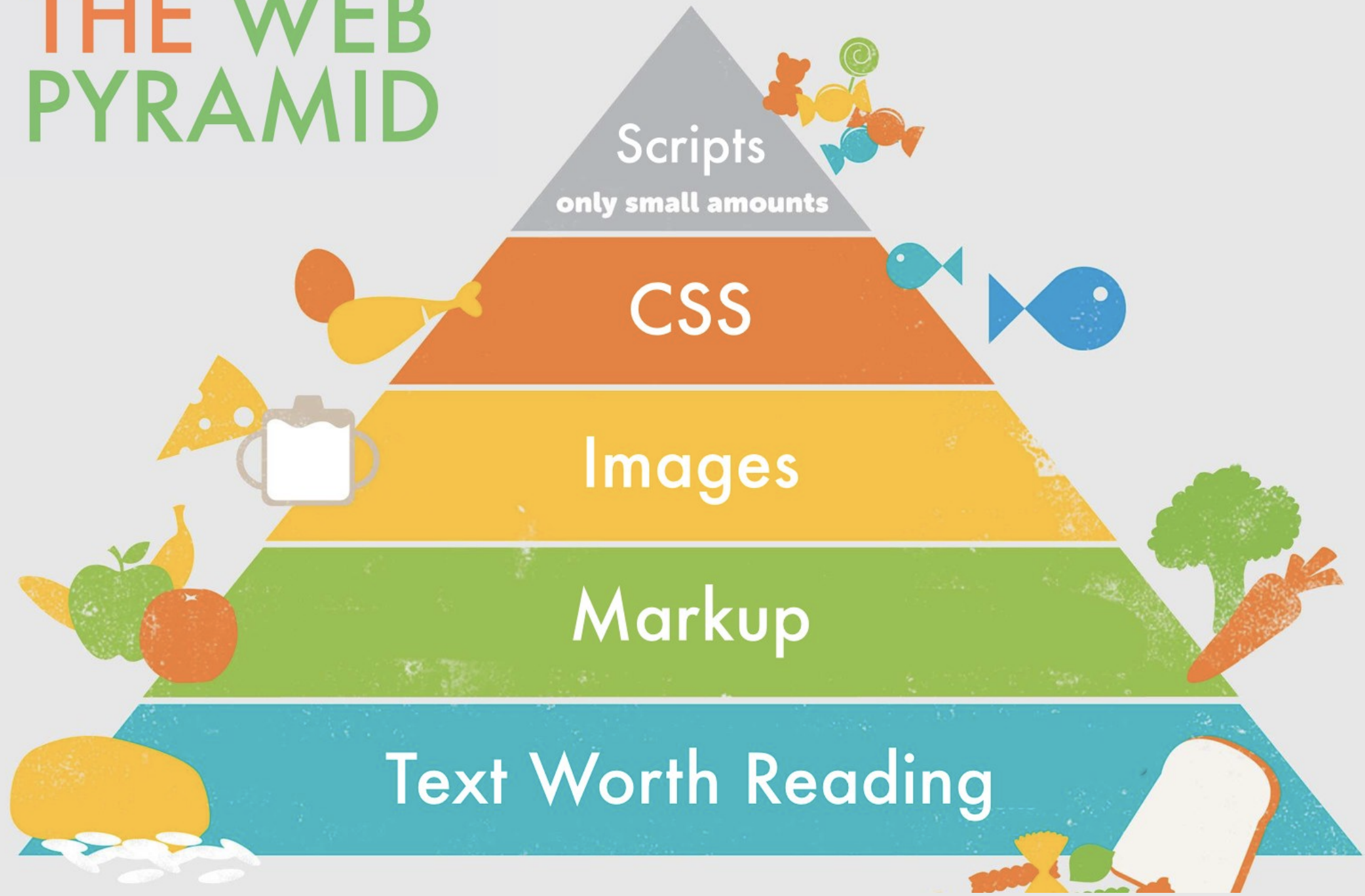
I want to share with you my simple two-step secret to improving the performance of any website.

1. *Make sure that the most important elements of the page download and render first.*

3. *Stop there.*

You don't need all that other crap. Have courage in your minimalism.

— Maciej Ceglowski,
The Website Obesity Crisis [http://idlewords.com/talks/website_obesity.htm]

I liked this advice, so I ran a little experiment.

*I stripped LeMonde.fr's article with to just the essentials.
To analyse the **Crap-to-Content ratio.***

3 versions

A

Text
+ Images
+ Video

B

Text
+ Images
- Video

C

Text
- Images
- Video

A: http://webfiles.neustadt.fastmail.com.user.fm/leMondeJupiterArticle.html
B: http://webfiles.neustadt.fastmail.com.user.fm/leMondeJupiterArticle-noVideo.html
C: http://webfiles.neustadt.fastmail.com.user.fm/leMondeJupiterArticle-noVideoImages.html

	Original	A	B	C
Total Size	3.9 MB	2.0Mb *(51%)*	174 Kb *(4,36%)*	8 Kb *(0,2%)*
Load Time	3.74s	1.20s *(3x)*	624 ms *(6x)*	225 ms *(16x)*
Requests	680	77 *(11%)*	5 *(0,74%)*	1 *(0.14%)*
3rd-party Requests	429	28	4	0
% Content *(HTML + Img)*	21 %	5 %	100 %	100 %
Cookies	174	15	0	0
3rd Parties Contacted	132	12	2	0

Data based on connection from from Stockholm, Sweden
Tools: Pingdom and Dataskydd Webbkoll

	Original	A	B	C
Total Size	3.9 MB	2.0Mb (51%)	174 Kb (4,36%)	8 Kb (0,2%)
Load Time	3.74s	1.20s (3x)	624 ms (6x)	225 ms (16x)
Requests	680	77 (11%)	5 (0,74%)	1 (0.14%)
3rd-party Requests	429	28	4	0
% Content (HTML + Img)	21 %	5 %	100 %	100 %
Cookies	174	15	0	0
3rd Parties Contacted	132	12	2	0

Data based on connection from Stockholm, Sweden
Tools: Pingdom and Dataskydd Webbkoll

gatekeepers and walled gardens

*how to speak to 3.5 billion people**

What would it take?

*how to speak to 3.5 billion people**
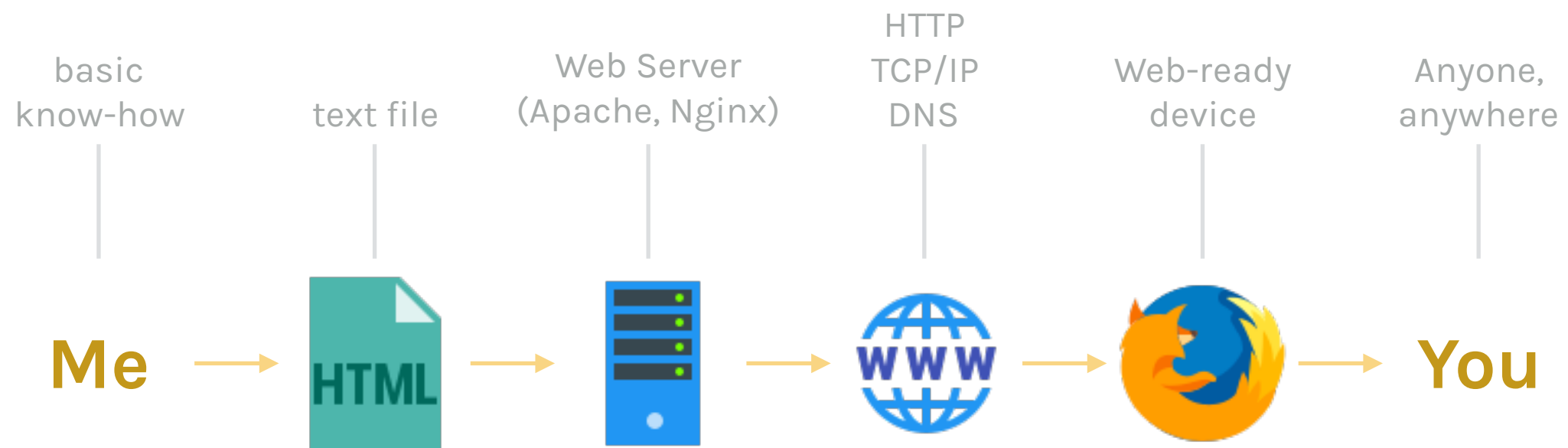
Me → HTML → [server] → WWW → [Firefox] → You

how to speak to 3.5 billion people*

basic know-how   text file   Web Server (Apache, Nginx)   HTTP TCP/IP DNS   Web-ready device   Anyone, anywhere

Me → HTML → [server] → WWW → [Firefox] → You

* Rough figure. Source: http://www.internetlivestats.com/internet-users/

how to speak to 3.5 billion people*

basic know-how		Web Server (Apache, Nginx)	HTTP TCP/IP DNS	Web-ready device	Anyone, anywhere
Me	HTML		WWW		You
cost of internet access	free	cheap	free	always getting cheaper	cost of internet access

* Rough figure. Source: http://www.internetlivestats.com/internet-users/
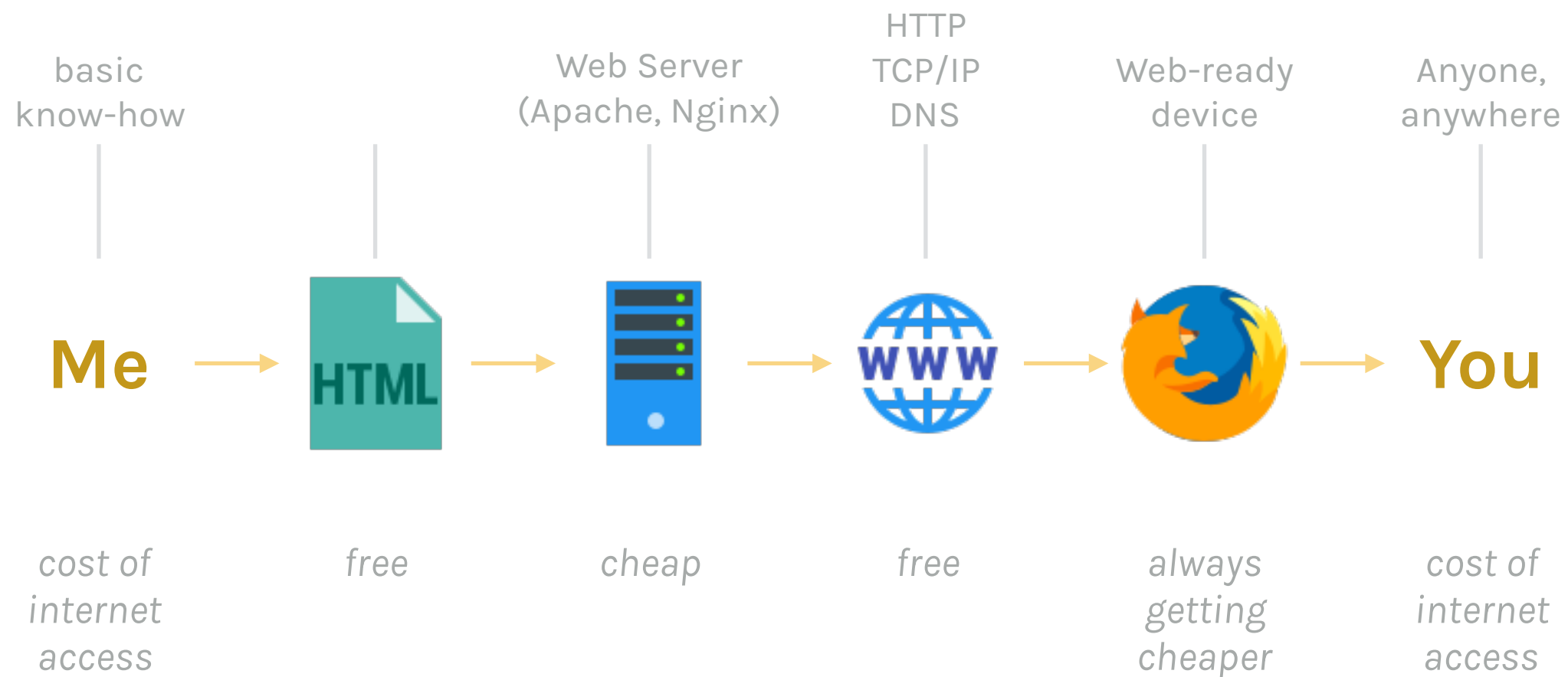
That's what the web made possible.

It's that simple.

It's romance over HTTP.
Thoughts, emotions in little packets over TCP/IP.

Me. A text file. A web server. DNS. And you.

No guardians. No authority. No T&C. No editors.

Equal playing field, whether you're American, French, a politican, someone with Asperger's, a Lego enthusiast, a cosmologist in Nepal, an activist in Norway, a Star Wars fan in rural Germany.

Or even a dog.

"On the Internet, no one knows you're a dog."

— Peter Steiner,
New York Times (1993)

"On the Internet, no one knows you're a dog."

— Peter Steiner,
New York Times (1993)

↩ ⟲ 16 ♥ 51 •••

Tweet withheld · 14h
This Tweet from @3four3 has been withheld in response to a report from the copyright holder. Learn more

ESPN FC ✔ @ESPNFC · 14h
Portugal's collective prevailed over **France**'s XI of superstars to win #EURO2016. @Marcotti:

We Removed Something You Posted

We removed the post below because it doesn't follow the Facebook Community Standards:

> Donna has been removed from the group.
>
> Unfortunately, when individuals are not willing to discuss facts or engage in civil discussion, we must exclude them from the conversation.
>
> It's not something we do lightly.

Continue

It's nice to have Facebook, Twitter, LinkedIn, Instagram and the gang.

but

We don't need them. They need us.

Putting the *ack!* in acquihire

Our Incredible Journey

Putting the *ack!* in acquihire

Our Incredible Journey

Cataloging the thrilling opportunities start-ups are offered when their incredible journey continues by being bought by an exciting company. However, as a user of the start-up's service, your own incredible journey must end, *because all of your photos and writing and checkins and messages and relationships must now be deleted.*

Our new adventure

For the last three years, Pie has been on a mission to make the messaging software you use at work fun, fast and exciting. We helped teams collaborate, share cat pics and invent new memes during office hours. And we empowered an incredible group of young, old, creative and smart businesses across the world.

Today, we're excited to share that the Pie team is joining Google (read more here)! In order to focus on our new adventure, Pie will be shut down on March 2, 2016, and will remain independent until then. We've released a new Download your Data option in your settings screen (only available on Web) that will help you download all of your chats, files and contacts for safekeeping.

To our Pie users, thank you for embracing our product.

— Team Pie

Richard Socher, 4.4.16

MetaMind acquired by Salesforce

Today, I'm thrilled to share the news that Salesforce has acquired MetaMind. We couldn't be more excited to join Salesforce.

Over the past year and a half, we've been on a mission to empower business users with state of the art deep learning technology to simplify, improve and automate decision making. And now, we'll be able to continue our journey at Salesforce on a much larger scale, with the resources and ecosystem of one of the world's most innovative and influential enterprise software companies.

With MetaMind and Salesforce coming together, we'll be able to offer customers real AI solutions with breakthrough capabilities that further automate and personalize customer support, marketing automation, and many other business processes. We'll extend Salesforce's data science capabilities by embedding deep learning within the Salesforce platform.

Salesforce plans to integrate MetaMind's technology into Salesforce services. For unpaid web users, MetaMind's products will be discontinued on May 4. For our monthly recurring users, MetaMind's products will be discontinued on June 4. We'll delete any data we have stored for unpaid web users and monthly recurring users promptly after close.

We plan to continue our AI research, so you'll continue to see us publish groundbreaking discoveries that advance our deep learning platform's accuracy and capabilities.

I can't thank our customers and employees enough for their support in getting us to this point. We look forward to the deep learning breakthroughs to come. And if you're interested in joining our team, check out our open positons.

- Richard

Today, I'm thrilled to share the news that Salesforce has acquired MetaMind...
[...]
For unpaid web users, MetaMind's products will be discontinued on May 4. For our monthly recurring users, MetaMind's products will be discontinued on June 4. ...
[...]
I can't thank our customers and employees enough for their support in getting us to this point.

Source: https://ourincrediblejourney.tumblr.com/image/143157705203

surveillance capitalism +
insecure connections

surveillance capitalism

The game is no longer about sending you a mail order catalogue or even about targeting online advertising. The game is selling access to the real-time flow of your daily life —your reality—in order to directly influence and modify your behavior for profit.

— Shoshana Zuboff (Frankfurter Allgemeine)
The Secrets of Surveillance Capitalism

The goal: to change people's actual behavior at scale

This is just one peephole, in one corner, of one industry, and the peepholes are multiplying like cockroaches. Among the many interviews I've conducted over the past three years, the Chief Data Scientist of a much-admired Silicon Valley company that develops applications to improve students' learning told me, "The goal of everything we do is to change people's actual behavior at scale. When people use our app, we can capture their behaviors, identify good and bad behaviors, and develop ways to reward the good and punish the bad. We can test how actionable our cues are for them and how profitable for us".

The very idea of a functional, effective, affordable product as a sufficient basis for economic exchange is dying. The sports apparel company Under Armour is reinventing its products as wearable technologies. The CEO wants to be like Google. He says, "If it all sounds eerily like those ads that, because of your browsing history, follow you around the Internet, that's exactly the point--except Under Armour is tracking real behavior and the data is more specific... making people better athletes makes them need more of our gear." The examples of this new logic are endless, from smart vodka bottles to Internet-enabled rectal thermometers and quite literally everything in between. A Goldman Sachs report calls it a "gold rush," a race to "vast amounts of data."

what's this gotta do with web design?

what's this gotta do with web design?

We make it possible.
(Sometimes unknowingly)

Remember, LeMonde.fr contacts 400+ other websites. That's sharing your data — your behaviour patterns, your navigation, your metadata — with third-parties you neither know nor necessary should trust.

= cookies. Continued, pervasive data.

„Only metadata".
Well you can do a lot with metadata.

Canvas Fingerprinting

One in 18 of the world's top 100,000 websites track users without their consent using a previously undetected cookie-like tracking mechanism embedded in 'share' buttons. The researchers traced 95 percent of canvas fingerprinting scripts back to a single company [AddThis].

KU Leuven. (2014, July 22). Computer privacy: Share button may share your browsing history, too. ScienceDaily. Retrieved July 12, 2016 from www.sciencedaily.com/releases/2014/07/140722091427.htm

Contextual, targeted, personalised. Relevant.

but also

Profiling. Filter bubble. Echo chamber. Forced consumption (Stockholm syndrome).

"Remember when, on the Internet, nobody knew who you were?"

— Kaamran Hafeez,
New York Times (2015)

We're going to a real-name, permanently identified model.

This has benefits, but names also have connotations and social weight.

Would you trust algorithms to understand context? What if your name was „Hussein" or „Muhamed" and you were researching explosives for your novel? Or a plane crash?

Anonymity vs. *Freedom to Create Identity* vs. *Freedom to Live Without Fear*

This is the first study to provide empirical evidence that the government's online surveillance programs may threaten the disclosure of minority views *and contribute to the reinforcement of majority opinion.*

Elizabeth Stoycheff, *Under Surveillance*
Examining Facebook's Spiral of Silence Effects in the Wake of NSA Internet Monitoring. Journalism & Mass Communication Quarterly June 2016 vol. 93 no. 2 296-311 [http://m.jmq.sagepub.com/content/early/2016/02/25/1077699016630255.full.pdf]

EU Regulation 2016/679

New regulations effective May 2018 that concern:

- Lawfulness, fairness and transparency
- Purpose limitation
- Data minimisation
- Accuracy
- Storage limitation
- Integrity and confidentiality

DataSkydd.net

Independent tool implemented by **Amelia Andersdotter** (former MEP, Swedish Pirate Party) and **Anders Jensen-Urstad** (a friend, Unix enthusiast)

The Dataskydd.net Web Privacy Check see lawfulness, fairness and transparency as a requirement that individuals should understand with whom they are in contact by visiting a website. *If an advertisement agency or some other company, such as an internet service provider, has easy access to behavioural data the individual should know. If an individual may be influenced by these parties, again they should be able to know.*

Source: https://webbkoll.dataskydd.net/en/about

Big-name sites hit by rash of malicious ads spreading crypto ransomware [Updated]

New malvertising campaign may have exposed tens of thousands in the past 24 hours.

by **Dan Goodin** - Mar 15, 2016 6:37pm CET

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Mainstream websites, including those published by *The New York Times*, the BBC, MSN, and AOL, are falling victim to a new rash of malicious ads that attempt to surreptitiously install crypto ransomware and other malware on the computers of unsuspecting visitors, security firms warned.

The tainted ads may have exposed tens of thousands of people over the past 24 hours alone, according to a blog post published Monday by Trend Micro. The new campaign started last week when "Angler," a toolkit that sells exploits for Adobe Flash, Microsoft Silverlight, and other widely used Internet software, started pushing laced banner ads through a compromised ad network.

According to a separate blog post from Trustwave's SpiderLabs group, one JSON-based file being served in the ads has more than 12,000 lines of heavily obfuscated code. When researchers deciphered the code, they discovered it enumerated a long list of security products and tools it avoided in an attempt to remain undetected.

"If the code doesn't find any of these programs, it continues with the flow and appends an iframe to the body of the html that leads to Angler EK [exploit kit] landing page," SpiderLabs researchers Daniel Chechik, Simon Kenin, and Rami Kogan wrote. "Upon successful exploitation, Angler infects the poor victim with both the Bedep trojan and the TeslaCrypt ransomware–double the trouble."

Update: According to a just-published post from Malwarebytes, a flurry of malvertising appeared over the weekend, almost out of the blue. It hit some of the biggest publishers in the business, including msn.com, nytimes.com, bbc.com, aol.com, my.xfinity.com, nfl.com, realtor.com, theweathernetwork.com, thehill.com, and newsweek.com. Affected networks included those owned by Google, AppNexis, AOL, and Rubicon. The attacks are flowing from two suspicious domains, including trackmytraffic[c],biz and talk915[.]pw.

The ads are also spreading on sites including answers.com, zerohedge.com, and infolinks.com, according to SpiderLabs. Legitimate mainstream sites receive the malware from domain names that are associated with compromised ad networks. The most widely seen domain name in the current

„*immersive experiences*"

Basically, I'm talking about:

✗ Parallax
✗ Scrolljacking
✗ (Unnecessarily) Flat design
✗ „Smooth" scrolling

An example

TakeIt.co

takeit

Every month, 5 free prints

Select from ~~albums or the photos sent by your friends~~

FR
/
EN

Another example

[Digiteka](#)

Hall of Shame

https://gist.github.com/cvan/7ba8229b4ec498e3e044

Live demo

[Scrolljacking is interfacejacking (CodePen)](#)

Is my website accessible to people

... using a screen reader?

... on a 56.6k connection?

... who's blocked Javascript?

... using a text browser?

... who just want to check a recipe for risotto quickly without wanting an immersive experience or being reminded to sign up to a newsletter?

restoring sanity

I shall be telling this with a sigh
Somewhere ages and ages hence:
Two roads diverged in a wood, and I—
I took the one less traveled by,
And that has made all the difference.

— Robert Frost,
The Road Not Taken

What do we want the web to be?

Do we want it to be the open, accessible, empowering and collaborative?
Free, in the spirit of CERN's decision in 1993, or of the web's open source backbone?

What do we want the web to be?

Or just another means of endless consumption, where people are eyeballs, targets, profiles? Where companies use your data to control your behaviour? Which enables a surveillance society?

That will make all the difference.

That will make all the difference.

That will make all the difference.

Further reading/shameless plug:
https://neustadt.fr/essays/32c3/

thank you

merci

danke

grazie

धन्यवाद

谢谢

thoughts? reactions? ideas?

one more thing

Farewell

A last round of German beer, fries and currywurst on the 19th of July at Wunderbär from 19h onwards.

Neustadt.fr

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