



ATM
WORLD STANDARD

Certificate of Completion

This certifies that

Bruce Lawson

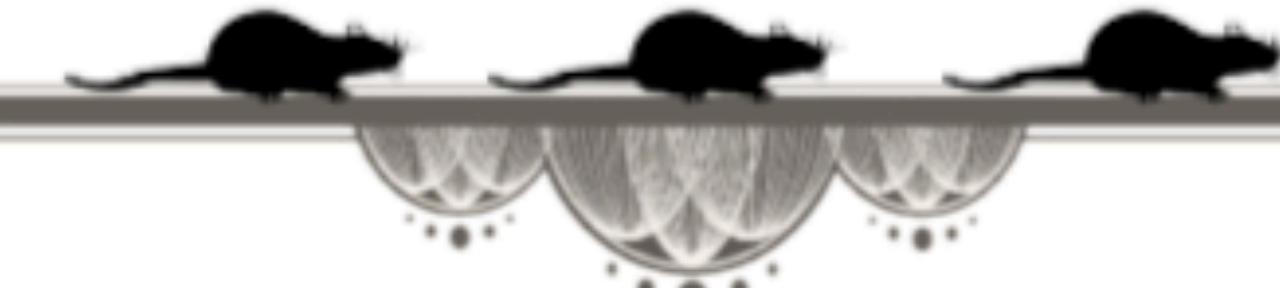
has successfully completed

Rat Tickling Certification Course

Megan S. Follitt



Bruce J. Lawson



<https://nc3rs.org.uk/3rs-resources/rat-tickling/rat-tickling-certification>

Disclosure



The Goose & the Common

by

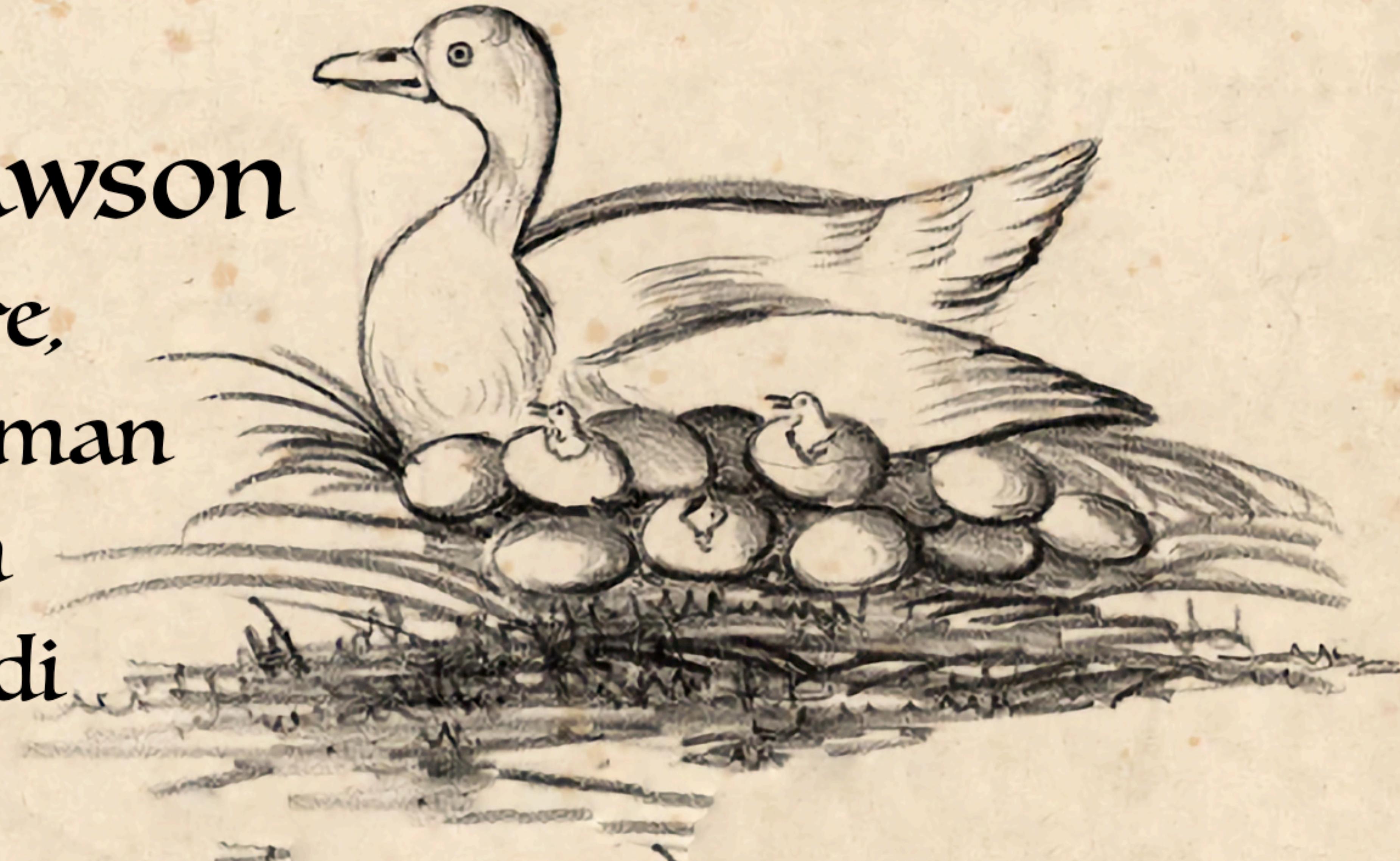
Bruce Lawson

esquire,

a Gentleman

from

Vivaldi



1770

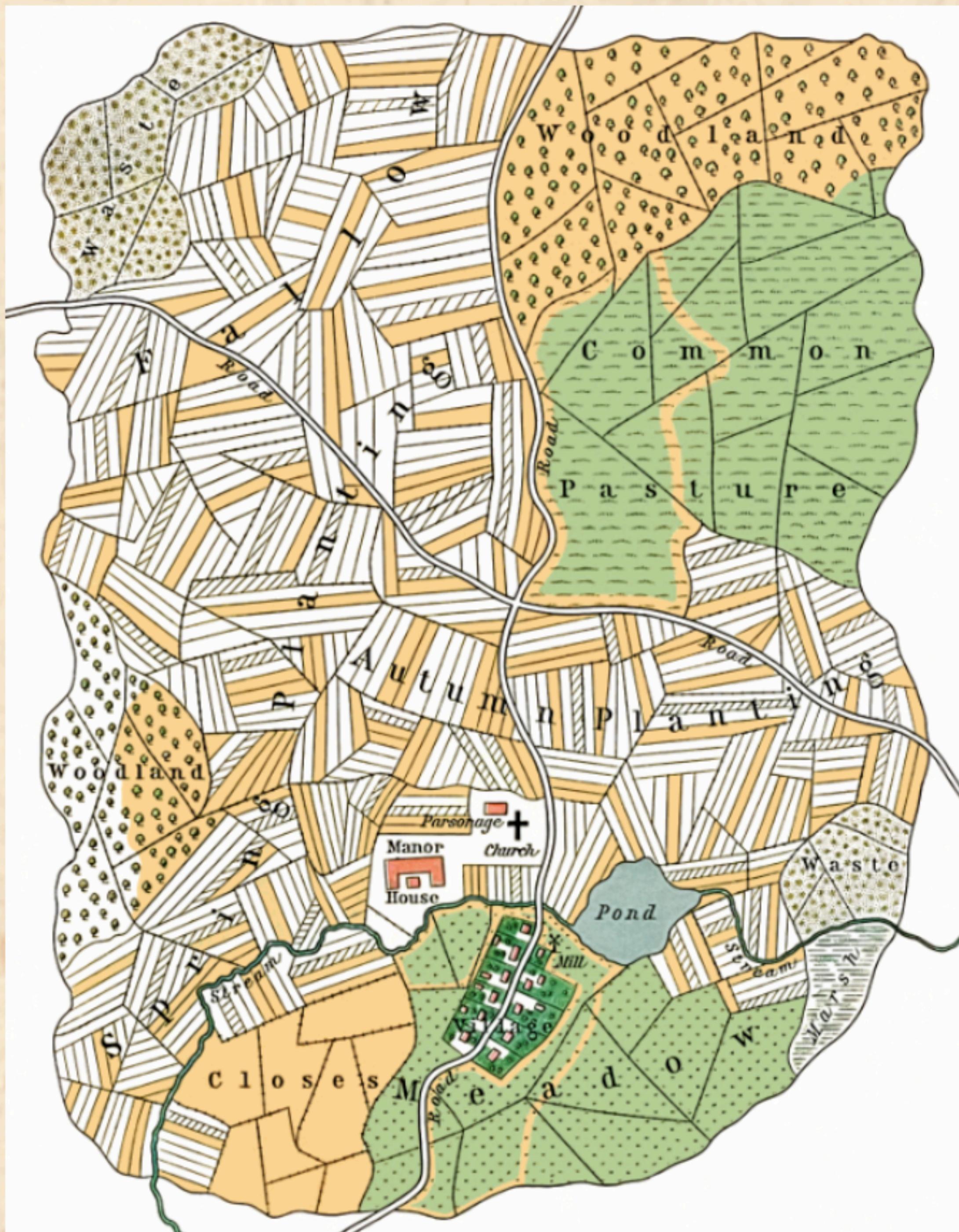




A N

A C T

For dividing and inclosing the open
and common Field, and common-
able Land, lying within the
Townships, Liberties, and Pre-
cincts of *Broad Sibford*, otherwise
Sibford Gower and *Burdrup*, in
the Parish of *Swalcliffe*, in the
County of *Oxford*. 1773.



  The Demesne

The glebe (i.e. strips in the open fields held by the parish church)
Later enclosures for farming and sheep-raising



The law locks up the man or woman
Who steals the goose from off the common.
But leaves the greater villain loose
Who steals the common from off the goose.



**Big
Techbro
is
watching
YOU**

 Our partners

[Accept all](#)

SUMMARY PURPOSES 1604 PARTNERS

Goodway Group Consent >

GroovinAds Consent >

HQ GmbH Consent >

hurra.com Consent >

Infectious Media Consent >

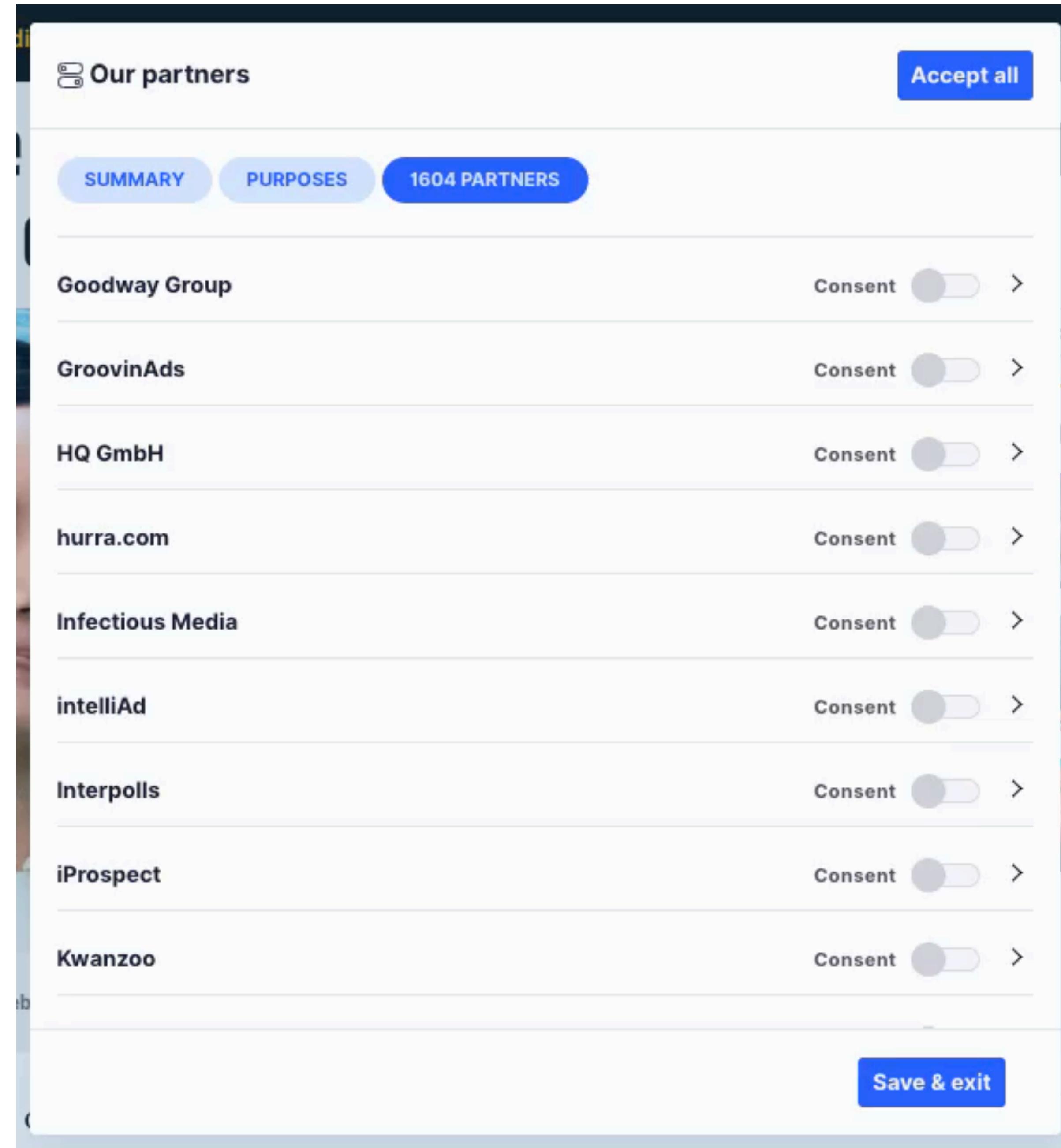
intelliAd Consent >

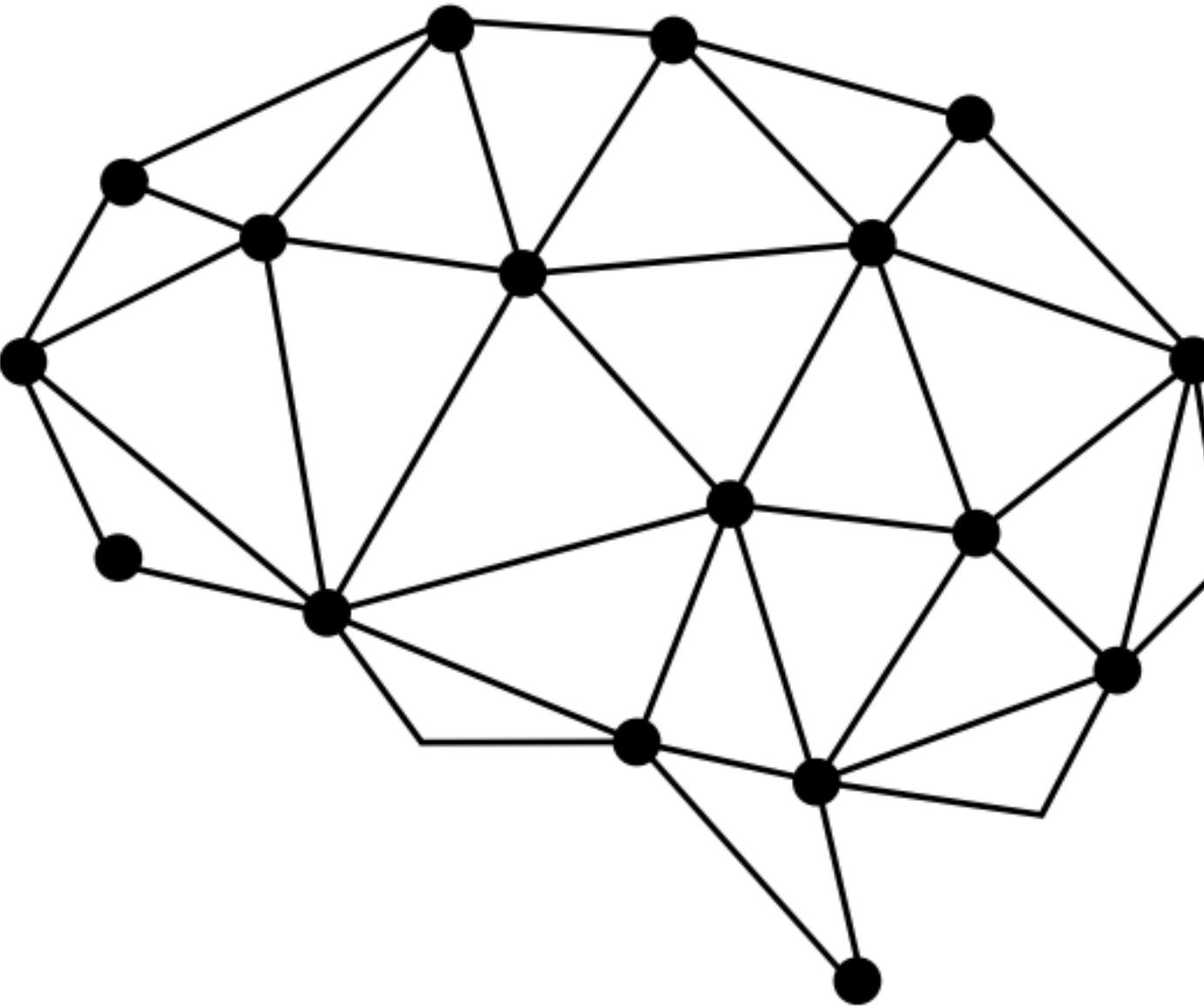
Interpolls Consent >

iProspect Consent >

Kwanzoo Consent >

[Save & exit](#)





Cambridge Analytica



cardinal copium

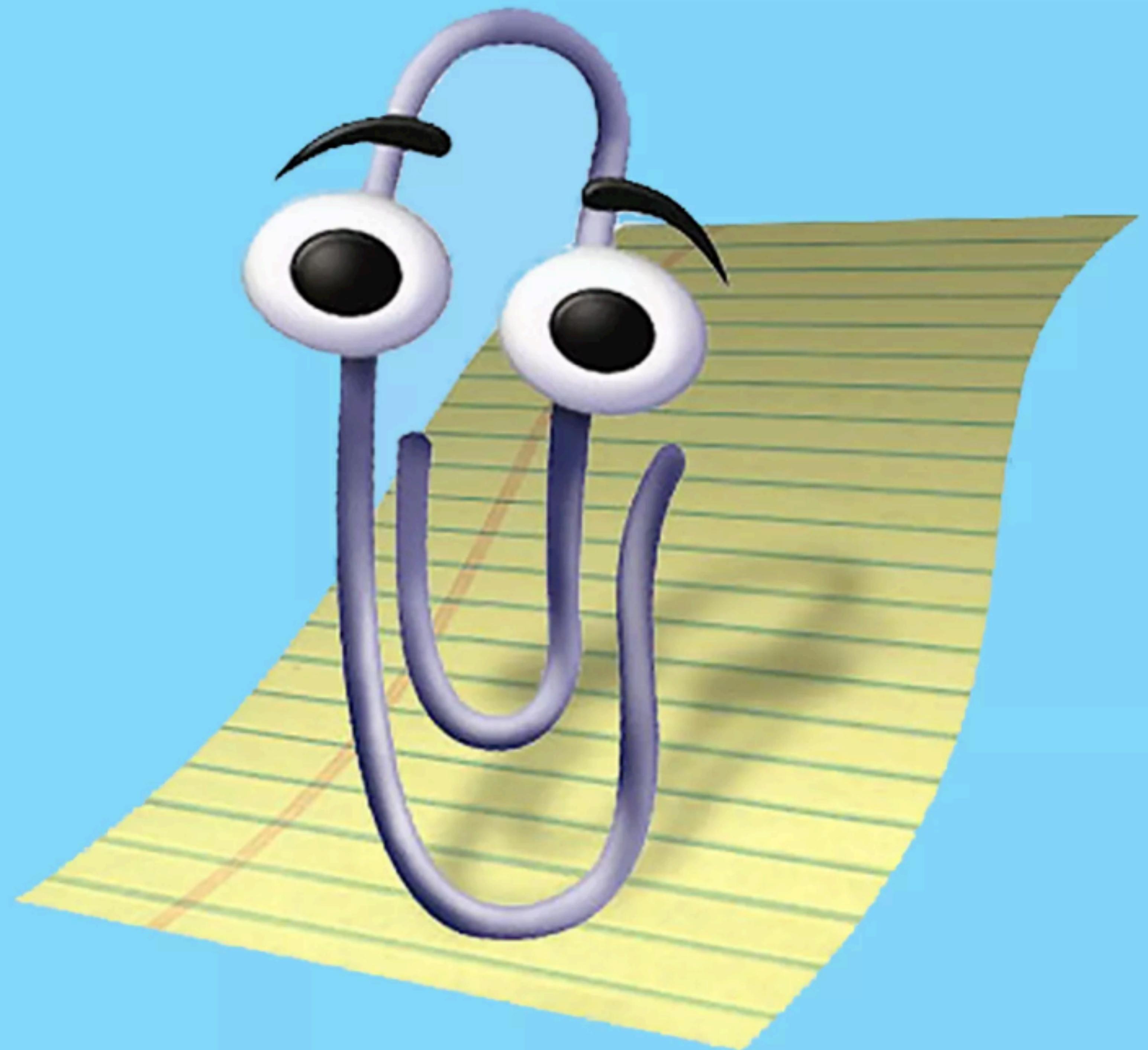
@emotionalpedant

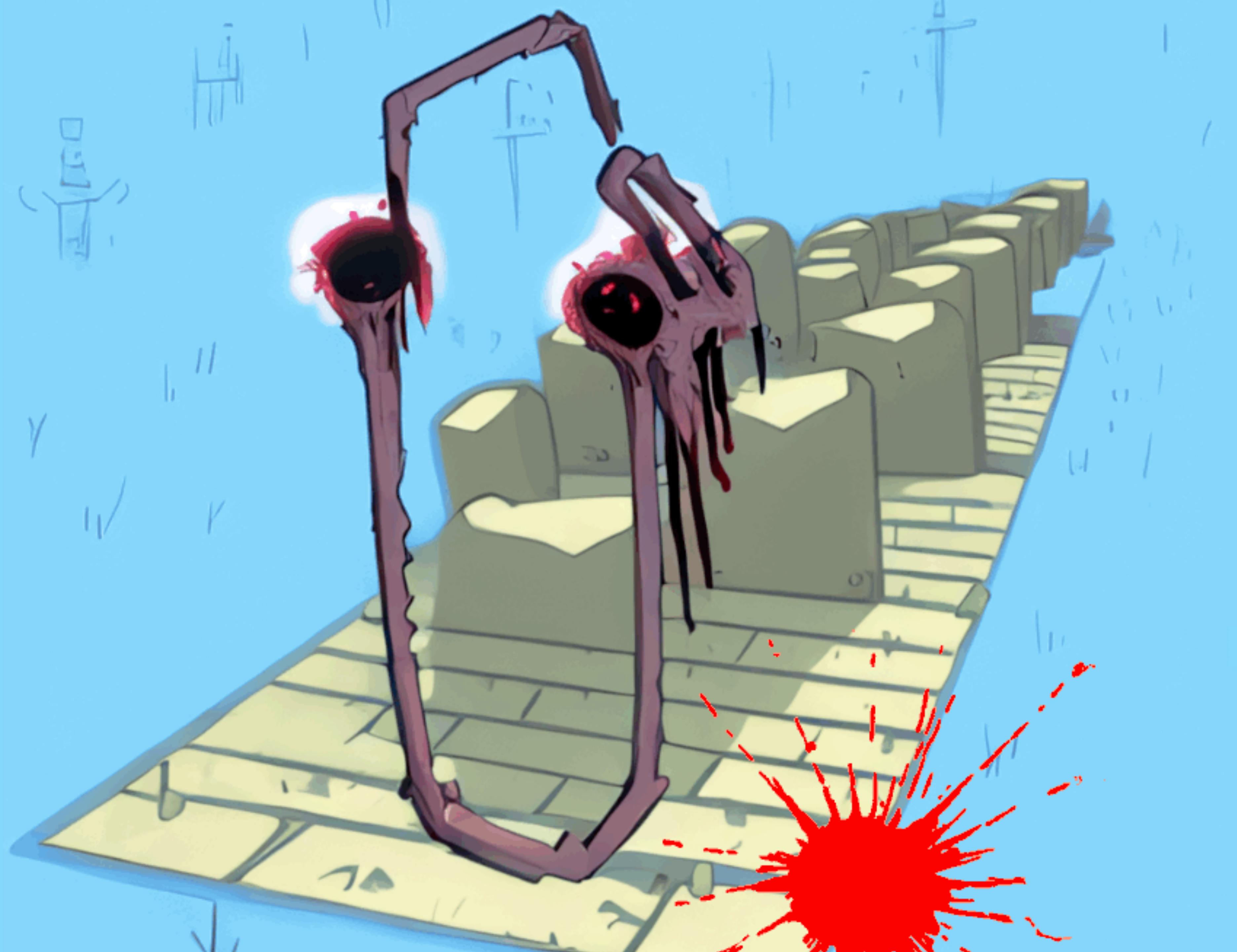
Algorithm: noticed u lingered on this pic of a frog for 14 seconds

Me: I was refilling my vape

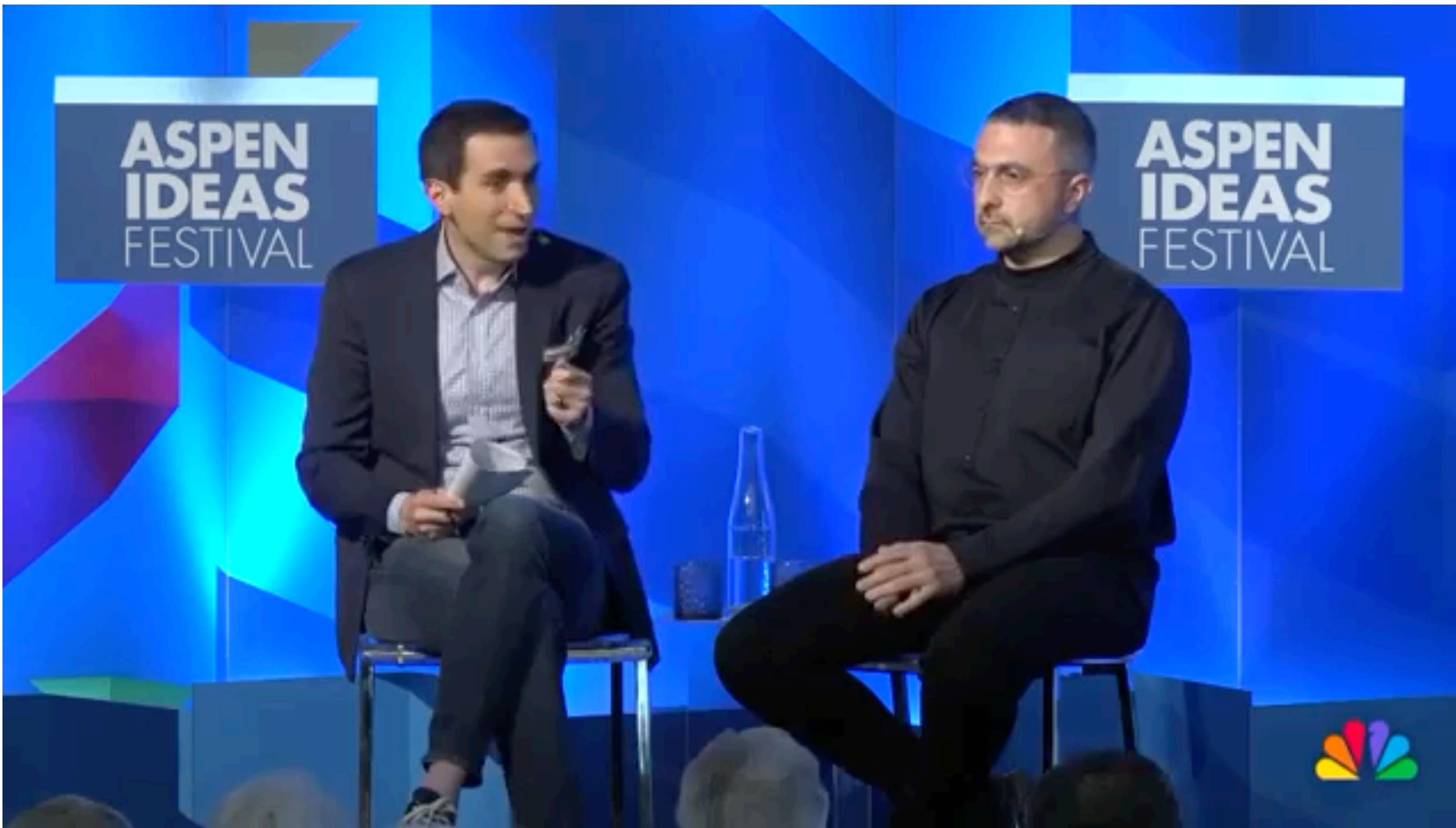
Algorithm: got some more frogs for ya. frog freak. u like that

8:59 PM · Sep 17, 2024 · 3.6M Views





Mustafa Suleyman, CEO of Microsoft AI



[CEO of Microsoft AI speaks about the future of artificial intelligence at Aspen Ideas Festival](#)



**It's the
World-Wide Web
not
the Wealthy Western Web**





4 billion



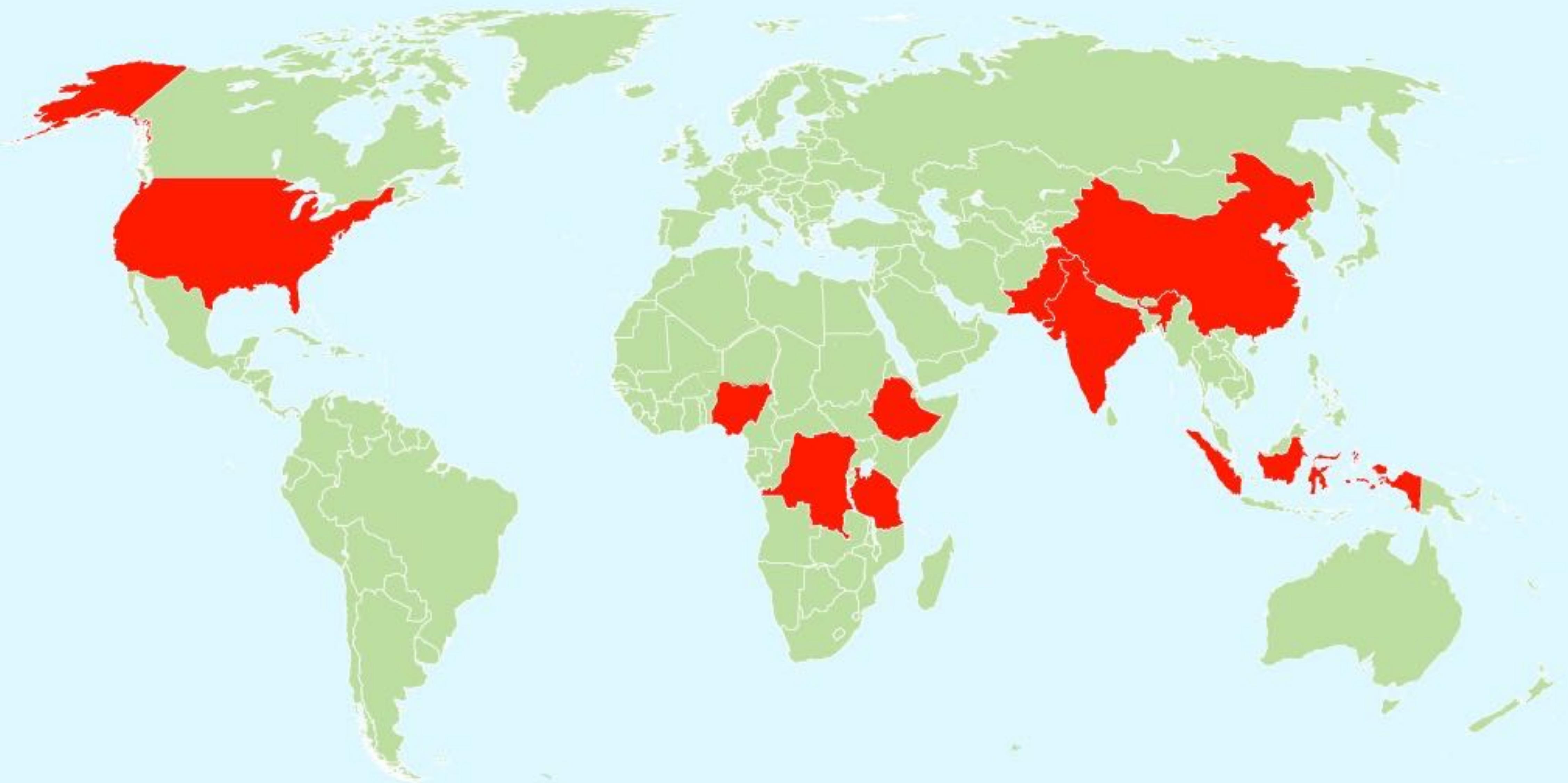
5 billion

(2050)



5 billion

(2100)



mobile data costs

the highest average cost is **30,000% more**
than the cheapest average price

<https://www.visualcapitalist.com/cost-of-mobile-data-worldwide/>

Android majority

median UK speed is 28.51 Mbps, USA is 54.99 Mbps, and Hong Kong is 112.32 Mbps

	Android %age	Download speed (Mbps)
Rwanda	80%	0.81
Cambodia	60%	1.29
India	96%	4.09
Indonesia	92%	1.88
Laos	83%	1.99
Philippines	87%	2.05
Thailand	74%	14.90
Vietnam	68%	16.39

Connection speed data: <https://www.fastmetrics.com/internet-connection-speed-by-country.php>
Android stats: statcounter <https://gs.statcounter.com/os-market-share/mobile/worldwide>



Global Version M12 Pro 5G Cell Ph...

New User Deal

US \$17.38

Free Shipping

All-Seasons Store



Global Version 6.9" Galaxy Note30+...

New User Deal

US \$17.74

Free Shipping

All-Seasons Store



6.9" Galaxy Note30+ Mobile Phone ...

New User Deal

US \$18.23

Free Shipping

All-Seasons Store



New Arrival S21 Ultra 6.7 Inch 10 C...

New User Deal

US \$18.62

1 sold

Free Shipping

All-Seasons Store



Hot Global Version Galaxy S21Ultra ...
SuperVOOC

New User Deal

US \$18.62

13 sold | ★ 4

Free Shipping

All-Seasons Store



2021 New Arrival S21 Ultra 6.7 Inc...
SuperVOOC

New User Deal

US \$18.62

Free Shipping



Novo 8 Pro Smartphone 16GB 512...

New User Deal

US \$18.80

Free Shipping



Novo 8 Pro 5G 16GB 512GB 7.3 Inc...

New User Deal

US \$18.80

4 sold | ★ 2



Telefone IPRO F183 1.77inch SOS ...

US \$18.89

6 sold | ★ 4.5

10-Day Delivery



Internet free mini phone · Business spare phone

2021 New Smart Mini Mobile Phon...

New User Deal

US \$19.59

Free Shipping

Facebook Lite

“ Downloading a typical app with 20 MB APK can take **more than 30 minutes on a 2G network**, and the download is likely to fail before completion, due to the flaky nature of the network.

- How we built Facebook Lite for every Android phone and network

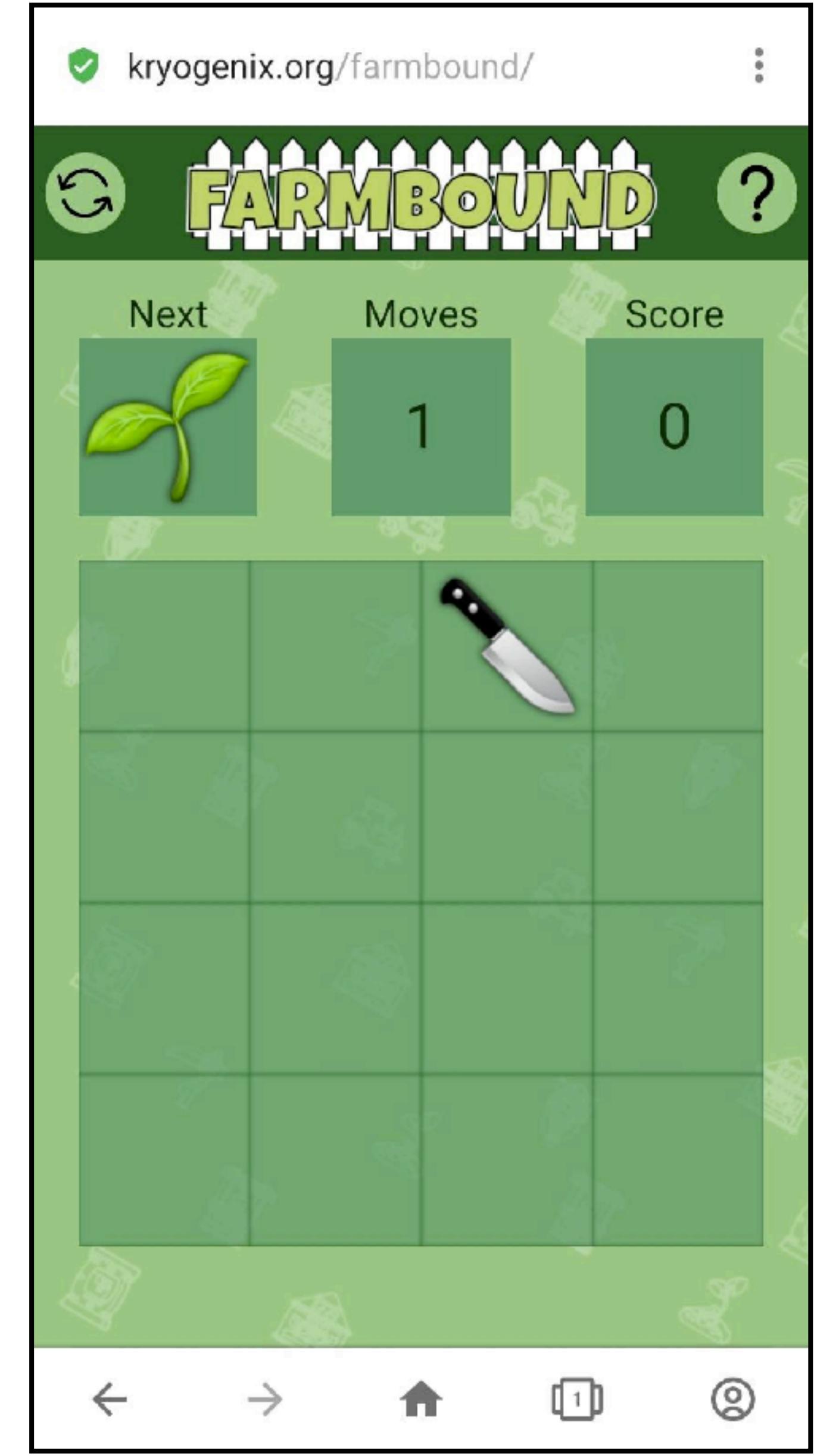
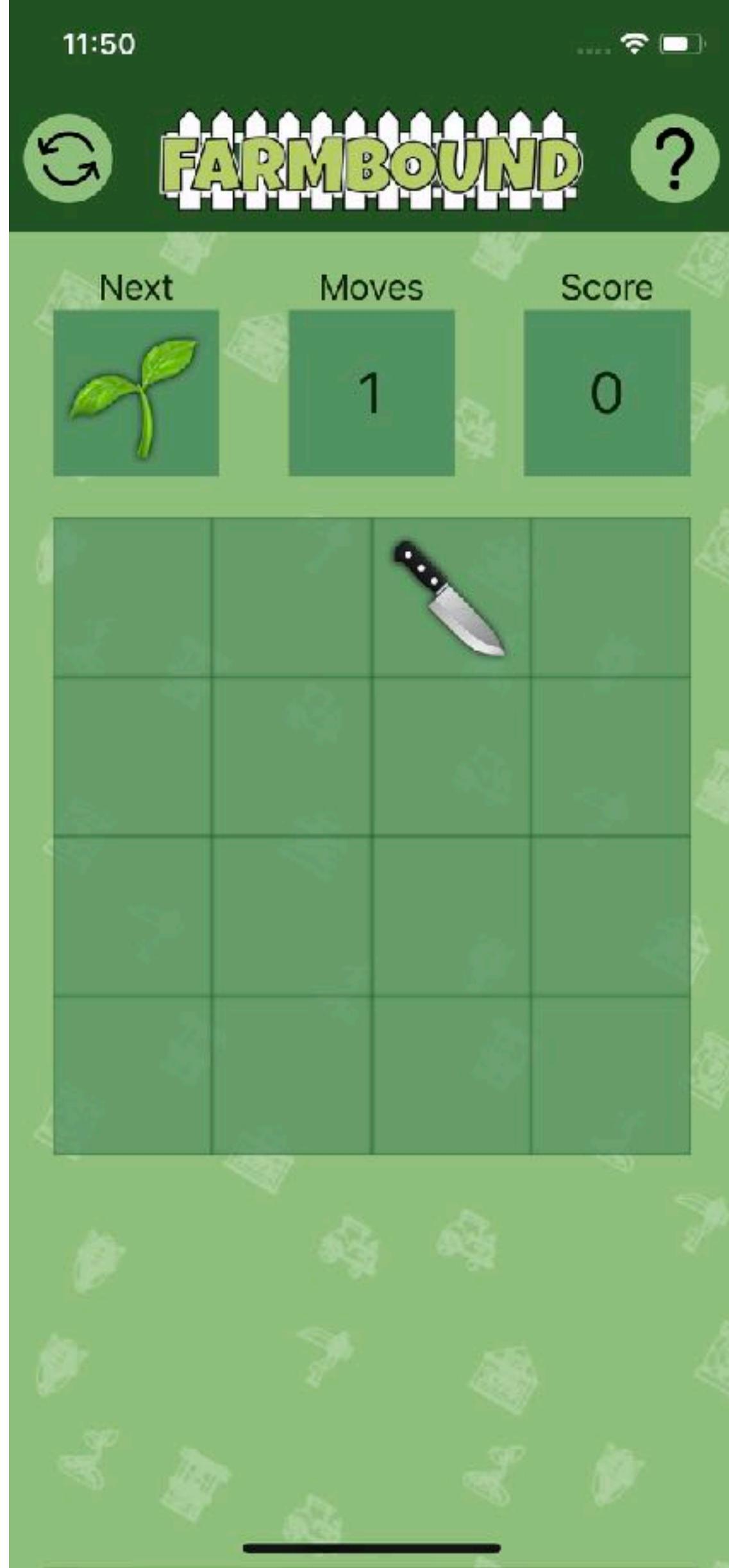
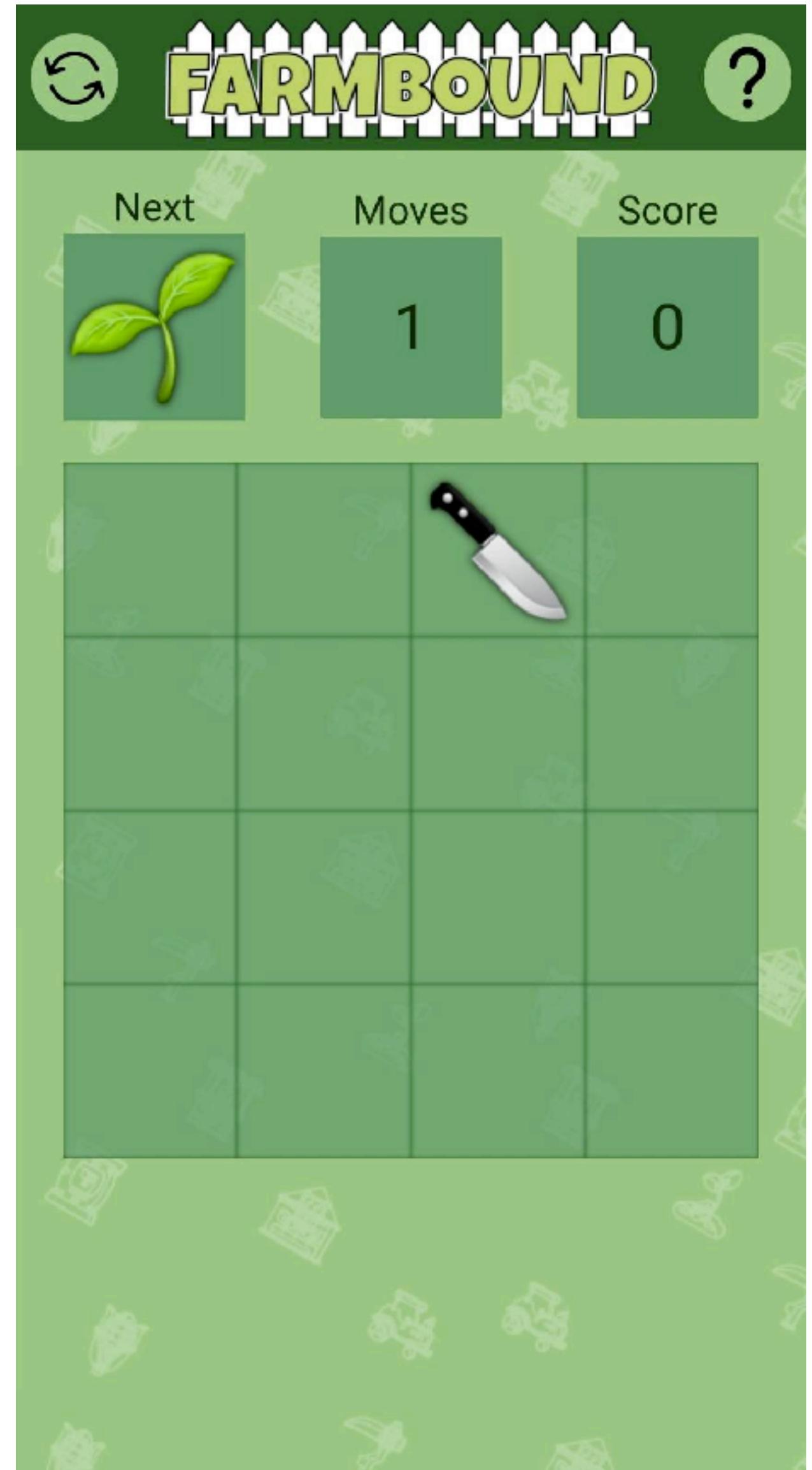
The web -and apps- must be for ALL

- people with disabilities (whether permanent, temporary or situational)
- people on lower-powered devices, constrained networks, expensive data plans.

A better, more Webby alternative

- Write once, run anywhere
- Free! Open Standards!
- No gatekeeper, publish what you want
- Instant update
- No outside interference
- Twitter, original Wordle, Starbucks, Uber, Pinterest, Tinder, Spotify and loads more





<https://www.kryogenix.org/farmbound/>

@brucel

BruCe LawSoN

Google PM



Penny McLachlan (she/her)

@b1tr0t

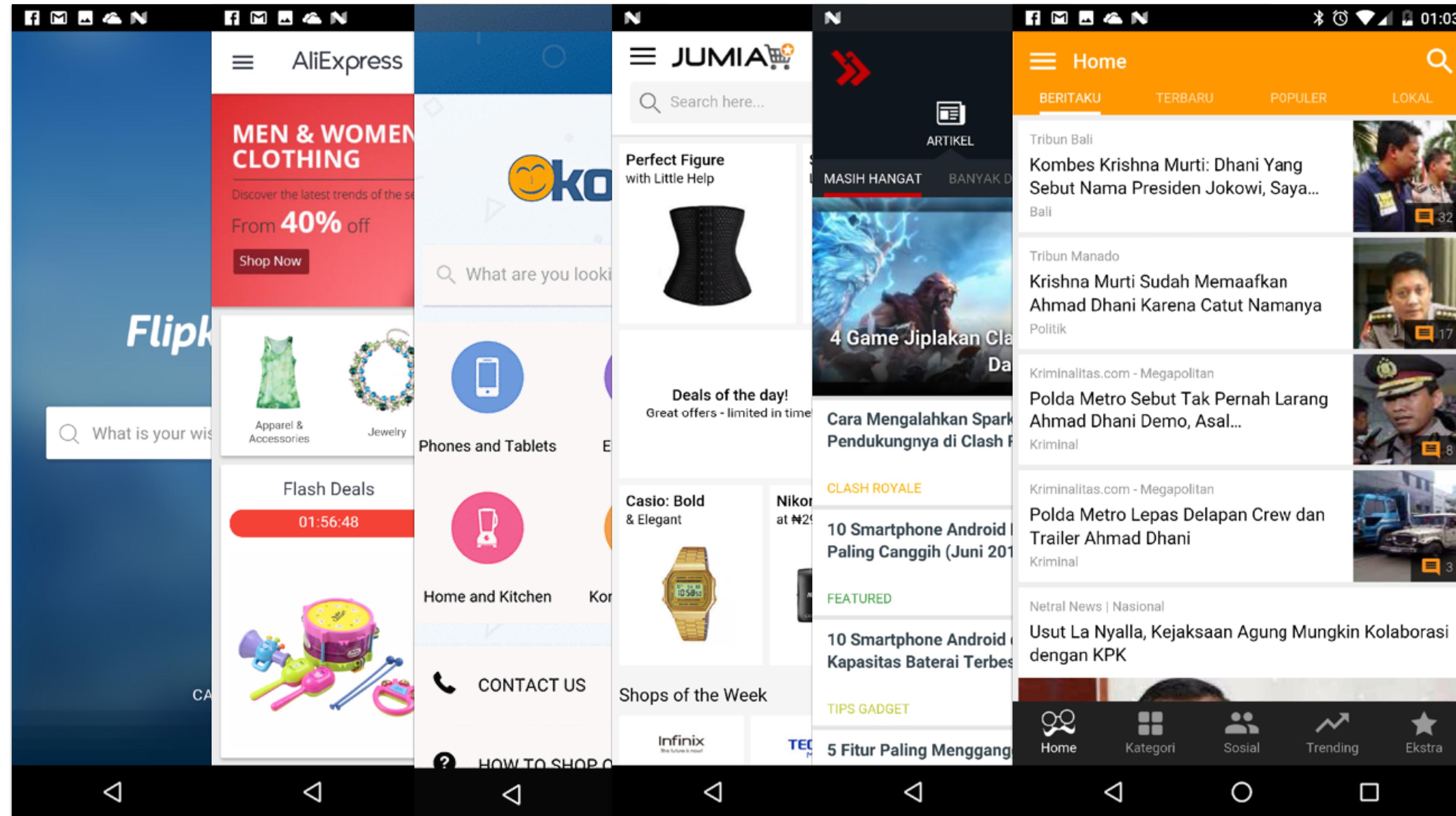
...

Replies to [@brucel](#) and [@slightlylate](#)

Typical Android app size is ~11MB. WebAPKs/TWAs are usually in the range of 700-900KB. 3MB is a good working estimate of an average first page load. Of course, we know great web apps can be a lot smaller when best practices are followed. :)

5:51 PM · Feb 25, 2021 · Twitter Web App

<https://twitter.com/b1tr0t/status/1364996531527380993>



Early progressive web apps in **Asia & Africa**

Which of these browser APIs have you used?

All Respondents [Add Filters...](#)

Introduction

T-shirt

Demographics

> Features

Syntax Features

String Features

Array Features

Async Features

Browser APIs

Language Pain Points

Browser APIs Pain Points

Reading List

Libraries

Other Tools

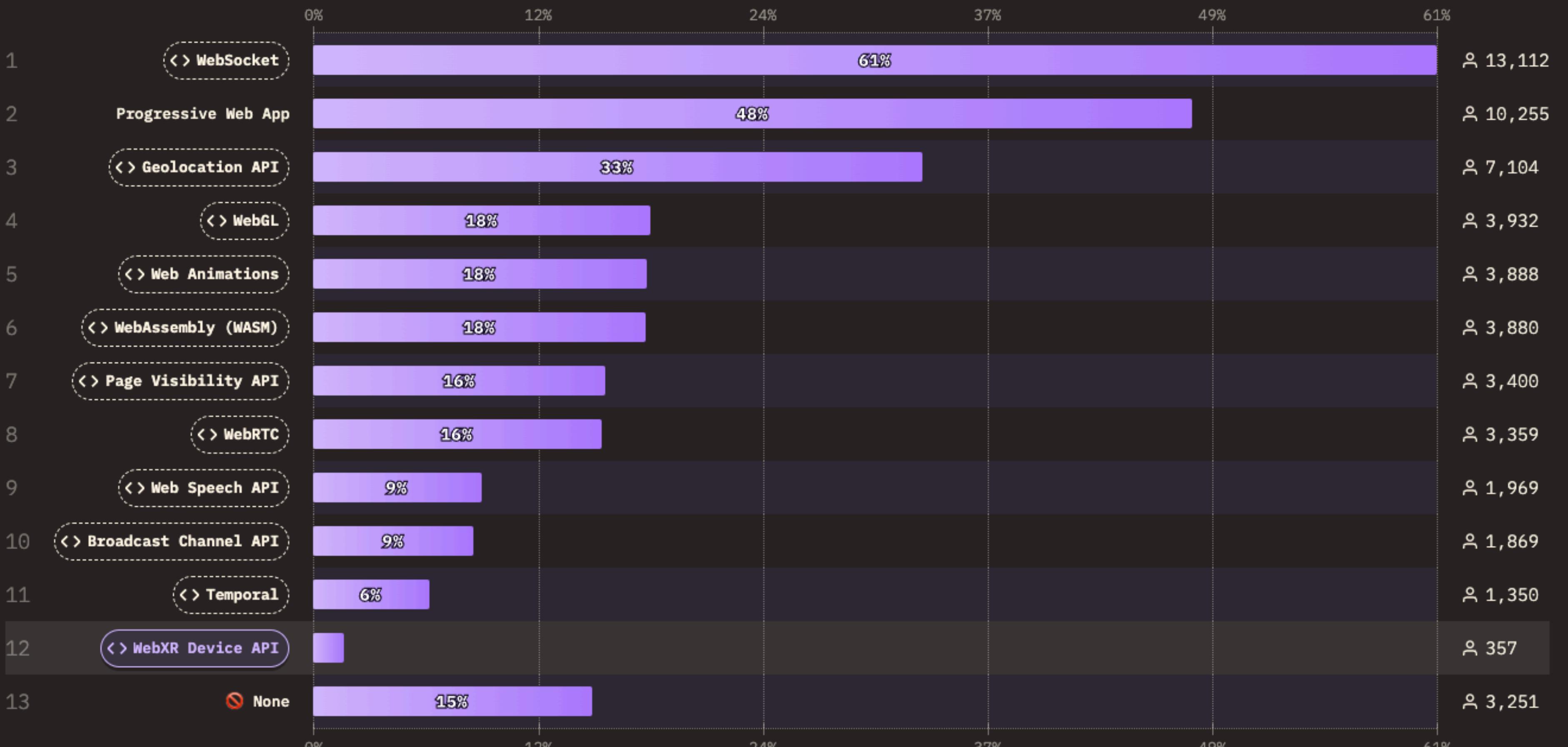
Usage

Resources

Awards

Conclusion

About



iOS Home Screen Web Apps

“progressive web applications” (PWAs) ... **eliminate the need to download a developer’s app through the App Store** (or other means) at all.

PWAs are increasingly available for and through mobile-based browsers and devices, including on iOS. PWAs are apps that are built using common web technology like HTML 5, but have **the look, feel and functionality of a native app**.

Apple submission to Australian regulator

Home kryogenix.org/far + 1 :

Install Farmbound: a diurnal game of farming [Install](#)

www.kryogenix.org

Combine seeds to make crops

Combine crops to make fields

Harvest nearby crops and fields for points

Water and fertilise seeds and crops to make them grow

It's the same sequence of things for the whole day.
Get the best score before the next day comes!

PLAY NOW!

<link rel="manifest" href="manifest.json">

09:41



FARMBOUND

Next

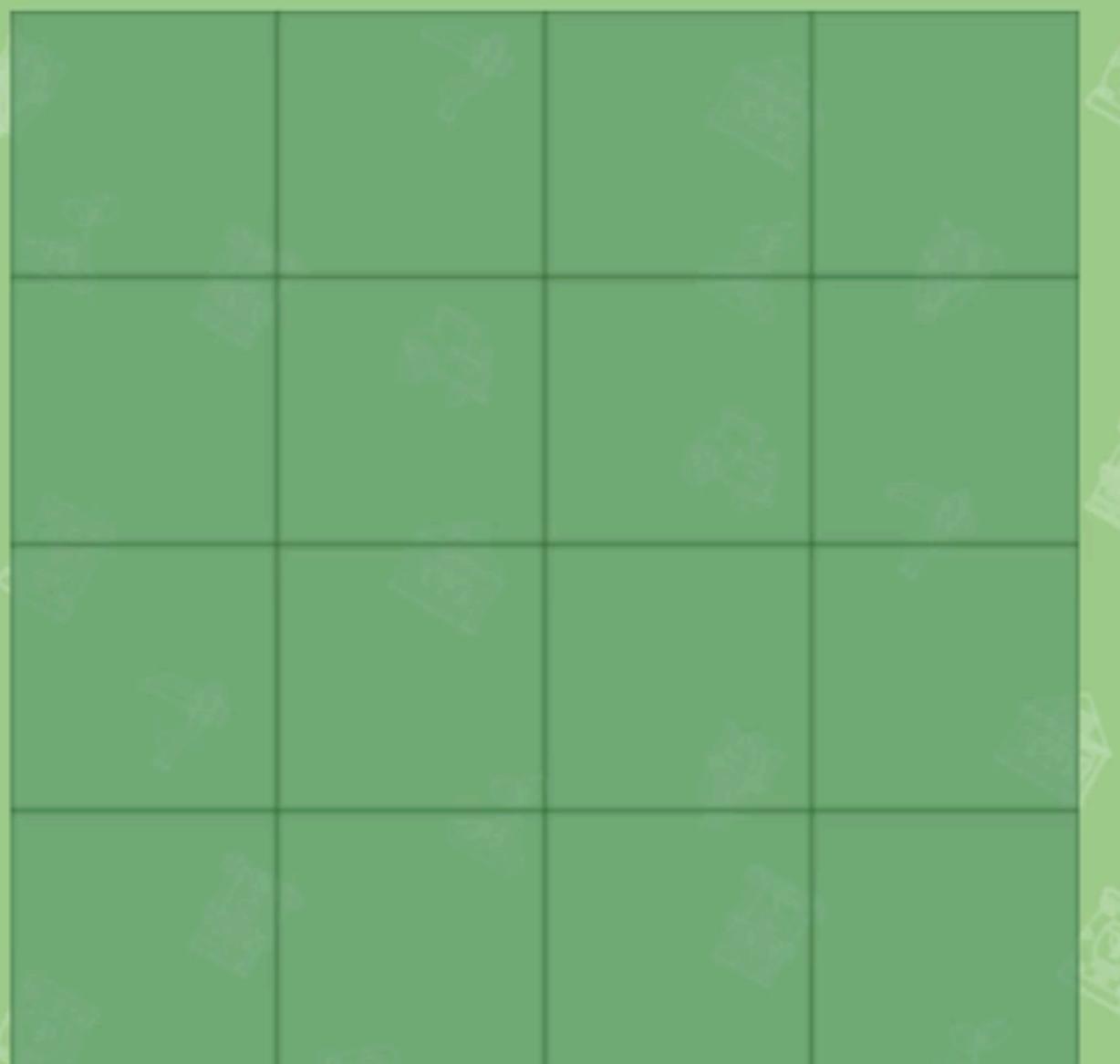


Moves

0

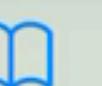
Score

0



AA

🔒 kryogenix.org



Smart App Banners

```
<meta name="apple-itunes-app" content="app-id=myAppStoreID, app-argument=myURL">
```

"Smart App Banners vastly improve users' browsing experience compared to other promotional methods. In iOS, Smart App Banners provide a consistent look and feel that users come to recognize."

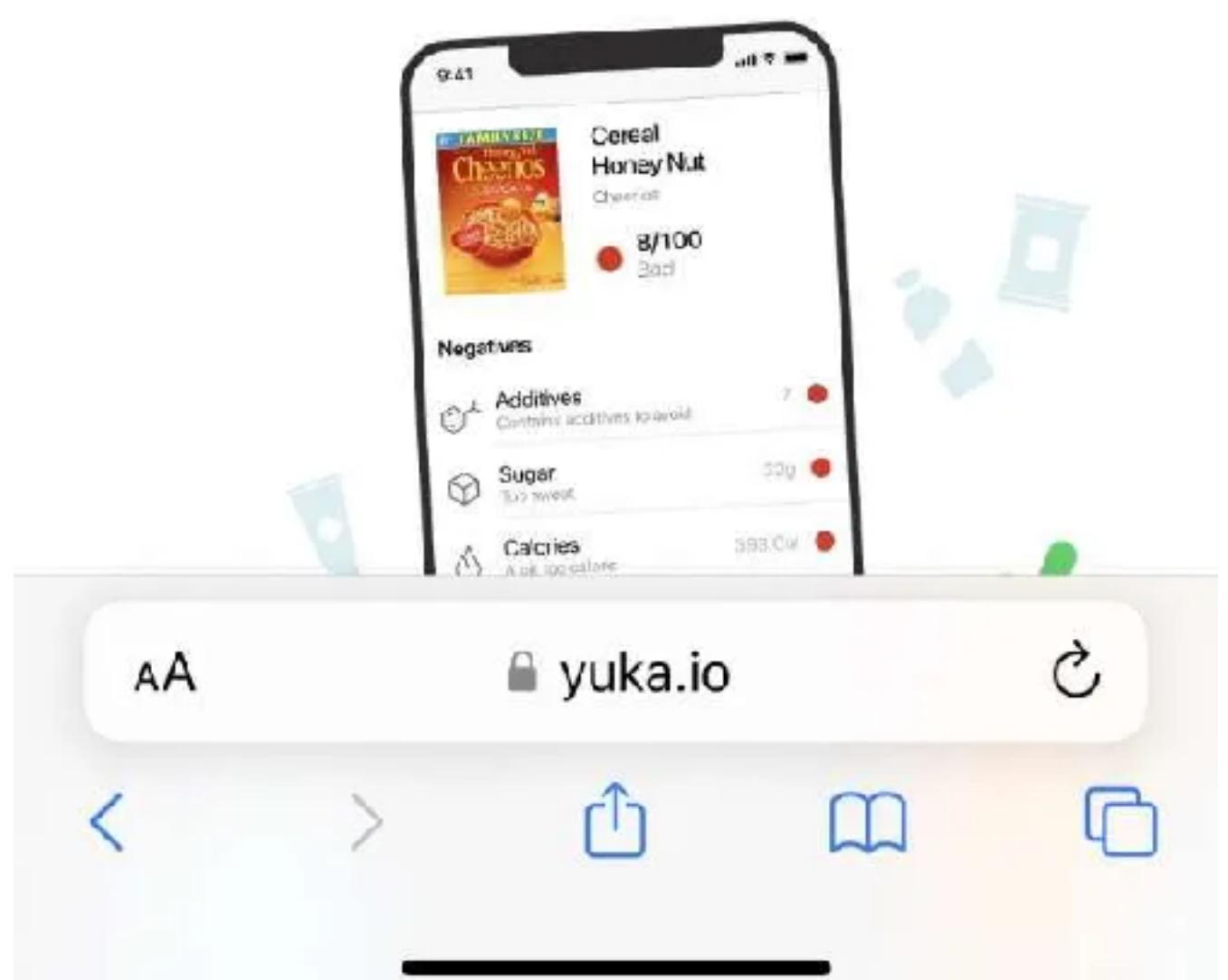
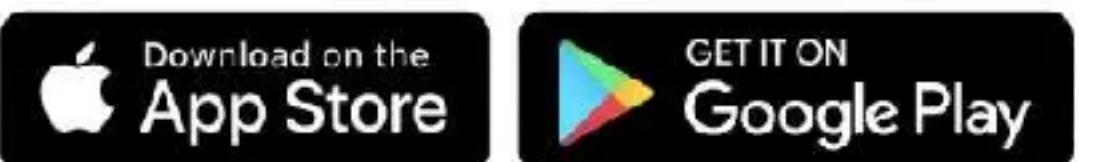
https://developer.apple.com/documentation/webkit/promoting_apps_with_smart_app_banners



MENU 

**Make the right choices
for your health**

Yuka deciphers product labels and analyzes the health impact of food products and cosmetics.





Yuka - Food & Cosmetic Scanner

Check What's in Your Prod...

GET

In-App Purchases

There's an ~~app~~^{API} for that

APIs not in iOS browsers

 **Feature Detector**

Read the corresponding [research paper](#).

Mozilla/5.0 (Linux; Android 10; K)
AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/128.0.0.0 Mobile Safari/537.36

Offline Capabilities	✓
Push Notifications	✓
Add to Home Screen	✓
Background Sync	✓
Periodic Background Sync	✓
Background Fetch	✓
Navigation Preload	✓
Storage Estimation	✓
Persistent Storage	✓
Web Share (Level 1)	✓
Web Share (Level 2)	✓
Media Session	✓
Media Capabilities	✓
Device Memory	✓
Getting Installed Related Apps	✓
Payment Request	✓
Payment Handler	✓
Credential Management	✓

@brucel

13:04

Mozilla/5.0 (iPhone; CPU iPhone OS 16_7_10 like Mac OS X) AppleWebKit/605.1.15 (KHTML, like Gecko) Version/16.6 Mobile/15E148 Safari/604.1

Offline Capabilities	✓
Push Notifications	✗
Add to Home Screen	✗
Background Sync	✗
Periodic Background Sync	✗
Background Fetch	✗
Navigation Preload	✓
Storage Estimation	✗
Persistent Storage	✓
Web Share (Level 1)	✓
Web Share (Level 2)	✓
Media Session	✓
Media Capabilities	✓
Device Memory	✗
Getting Installed Related Apps	✗
Payment Request	✓
Payment Handler	✗
Credential Management	✗

tomayac.github.io

<https://tomayac.github.io/pwa-feature-detector/>

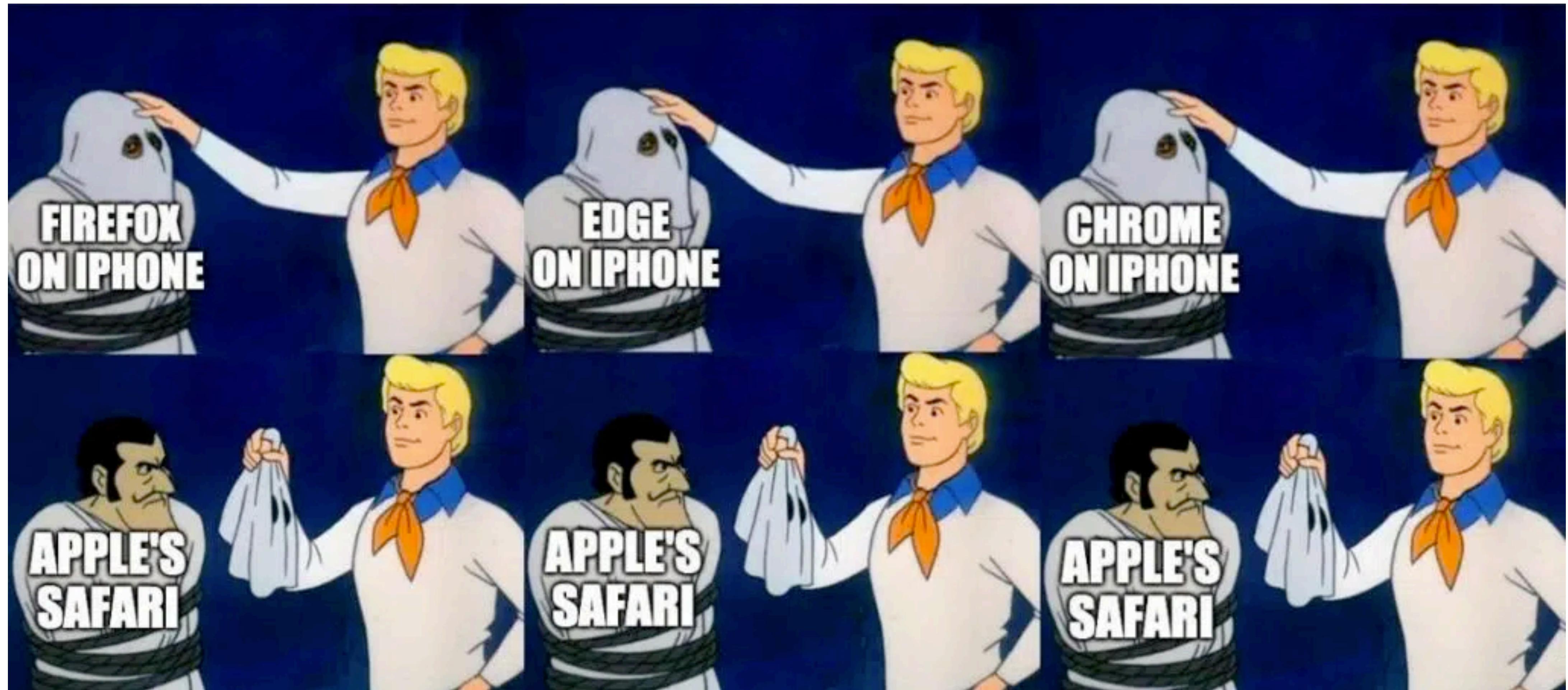
BruCe LawSoN

Rule 2.5.6

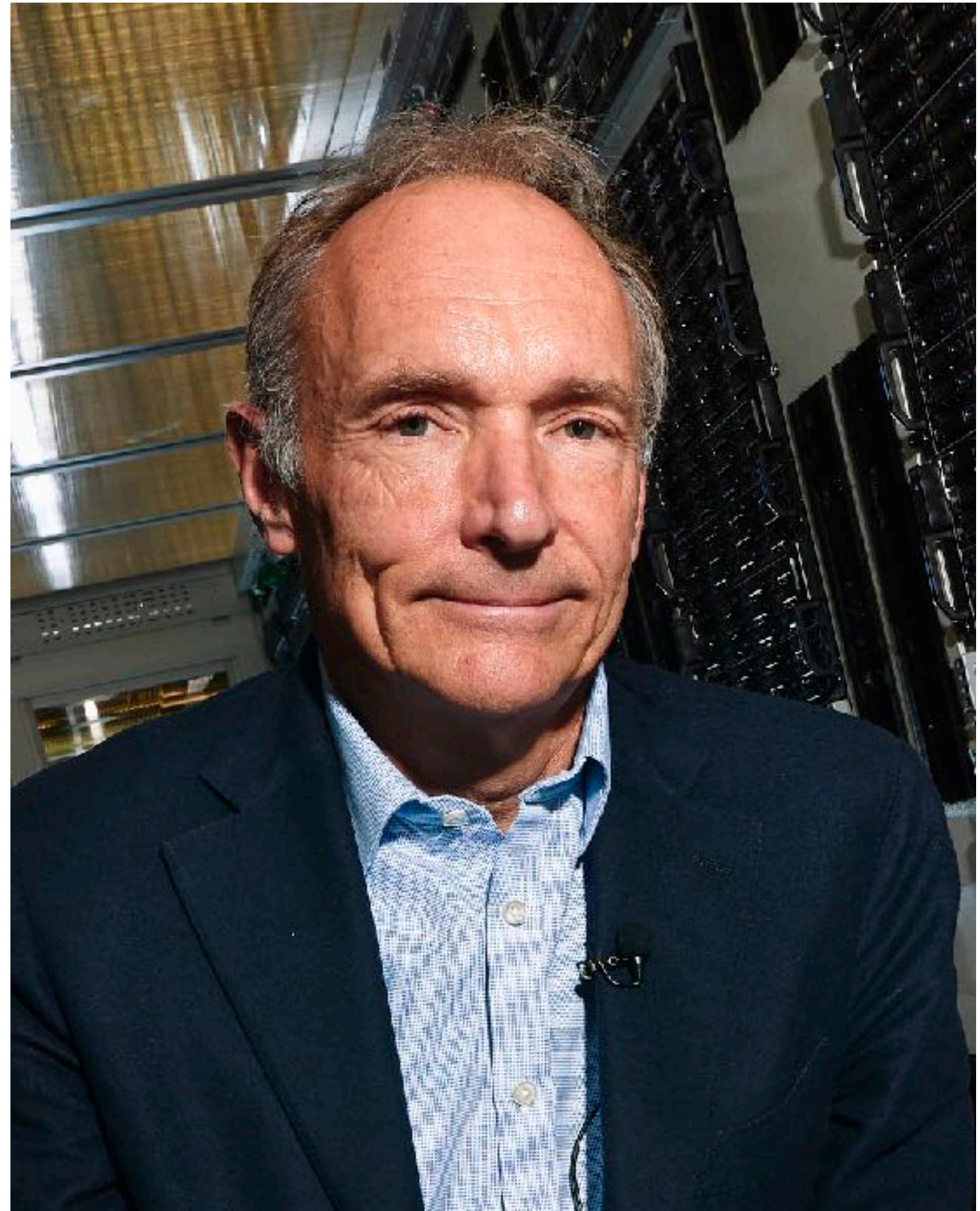
Apps that browse the web must use the appropriate WebKit framework and WebKit Javascript.

<https://developer.apple.com/app-store/review/guidelines/#software-requirements>

The illusion of competition



Good Tim



CERN

@brucel

“The web is for everyone,” he says, “and **collectively we hold the power to change it.** It won’t be easy.

But **if we dream a little and work a lot, we can get the web we want.**”

<https://www.theguardian.com/technology/2019/mar/12/tim-berners-lee-on-30-years-of-the-web-if-we-dream-a-little-we-can-get-the-web-we-want>

BruCe LawSoN

"Matthew Thomas" 19 June 2021

"biggest issue I think we face on the web today as developers is iOS safari with its stagnation, bugs and apples support of PWAs.

I know you've posted related stuff but do you have any opinions on where stuff should go from here?

We've organized a group and have been preparing submissions for all the major regulators. Be great to get your help."

Please pay displayed amount:

1.00 GBP

Change is possible!

Intercom

Receipt

C

THE FAB FOUR



The law locks up the man or woman
Who steals the goose from off the common,
And geese will still a common lack
Till they go and steal it back.



open-web-advocacy.org

@brucel

our top three priorities

1 #AppleBrowserBan

Apple's ban of third party browsers on iOS is deeply anti-competitive, starves the Safari/WebKit team of funding and has stalled innovation for the past 10 years and prevented Web Apps from taking off on mobile.

2 Deep System Integration

Web Apps need to become just Apps. Apps built with the free and open web need equal treatment and integration. Closed and heavily taxed proprietary ecosystems should not receive any preference.

3 Web App Equality

All artificial barriers placed by gatekeepers must be removed. Web Apps if allowed can offer equivalent functionality with greater privacy and security for demanding use-cases.

BruCe LawSoN



VIVALDI

Independent employee-owned browser
based in Oslo, Norway.



@brucel

BruCe LawSoN



GOMSGERTON

E

MARKETS

auThOriT^y

Browsers are powered by an ‘engine,’ which is fundamental to browser performance.... **Apple bans alternatives to its own browser engine** on its mobile devices; a restriction that is unique to Apple.

This restriction also **seriously inhibits the capability of web apps** – apps that run on a browser rather than having to be individually downloaded – **depriving consumers and businesses of the full benefits of this innovative technology.**

CMA plans market investigation into mobile browsers and cloud gaming



<https://www.gov.uk/government/news/cma-plans-market-investigation-into-mobile-browsers-and-cloud-gaming>

REGULATION (EU) 2022/...
OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of ...

**on contestable and fair markets in the digital sector
and amending Directives (EU) 2019/1937 and (EU) 2020/1828
(Digital Markets Act)**

(Text with EEA relevance)

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

**Having regard to the Treaty on the Functioning of the European Union, and in particular Article 114
thereof,**

Having regard to the proposal from the European Commission,

After transmission of the draft legislative act to the national parliaments,

Digital Markets AGT



Gatekeeper Designations

Gatekeeper

Alphabet

Amazon

Apple

ByteDance

Meta

Microsoft

Core Platform Service

SOCIAL NETWORK

Tiktok

Facebook
Instagram

LinkedIn

N-IICS

Whatsapp
Messenger

INTERMEDIATION

Google Maps

Google Play

Google Shopping
Amazon Marketplace

App Store

Meta Marketplace

VIDEO SHARING

Youtube

ADS

Google

Amazon

Meta

BROWSER

Chrome

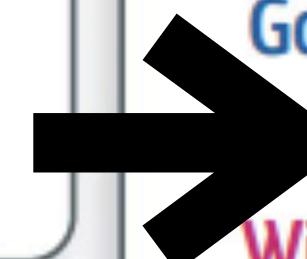
Safari

OPERATING SYSTEM

Google Android

iOS

Windows PC OS



https://ec.europa.eu/commission/presscorner/api/files/document/print/en/ip_23_4328/IP_23_4328_EN.pdf



PRESS RELEASE

January 25, 2024

Apple announces changes to iOS, Safari, and the App Store in the European Union

For developers, the changes include new options for app distribution and payment processing

For users, the changes include new controls and disclosures, and expanded protections to reduce privacy and security risks the DMA creates

<https://www.apple.com/newsroom/2024/01/apple-announces-changes-to-ios-safari-and-the-app-store-in-the-european-union/>

DMA enforcement approaches!

EU users will be able to continue accessing websites directly from their Home Screen through a bookmark with minimal impact to their functionality. We expect this change to affect a small number of users. Still, we regret any impact this change — that was made as part of the work to comply with the DMA — may have on developers of Home Screen web apps and our users.

<https://developer.apple.com/support/dma-and-apps-in-the-eu#8>
(NB: now updated)

Web Push notifications

 **WebKit**

Downloads Feature Status ▾ Documentation ▾ Policies ▾ Contribute ▾ Blog ▾ 

Web Push for Web Apps on iOS and iPadOS

Feb 16, 2023
by Brady Eidson and Jen Simmons

Today marks the release of iOS and iPadOS 16.4 beta 1, and with it comes support for Web Push and other features for Home Screen web apps.



A black iPhone is shown against a black background. The screen displays the home screen of iOS 16.4 with a large digital clock showing 9:41 and the date Thursday, February 16. A small Web Push notification is visible at the bottom of the screen, reading "Time for your daily dose of cute dogs! now from Shiny". Below the phone, the text "Swipe up to open" is visible.

<https://webkit.org/blog/13878/web-push-for-web-apps-on-ios-and-ipados/>

Badging API



Downloads Feature Status Documentation Policies Contribute Blog



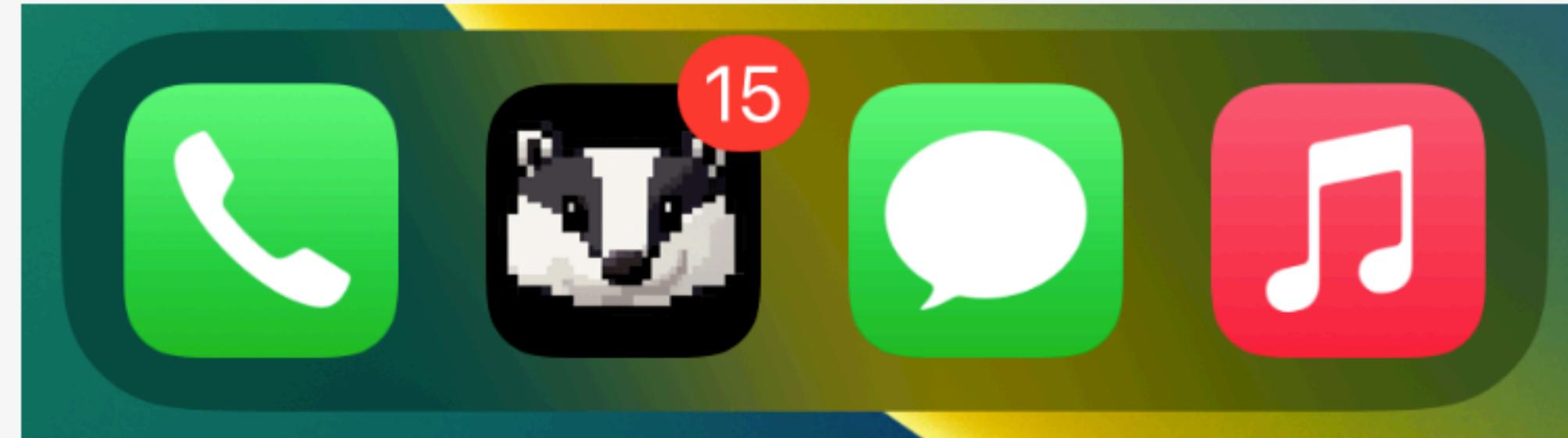
Badging for Home Screen Web Apps

Apr 25, 2023

by Marcos Cáceres

and Brady Eidson

Along with the many other [features for web apps](#) on iOS and iPadOS 16.4, WebKit now includes support for the W3C's [Badging API](#).



This straightforward API allows web developers to badge the icon of a web app. This article explores the various features of the Badging API and how to use it, and our ongoing collaboration with W3C's [Web Applications Working Group](#) to improve the specification.

Home Screen Web App Availability

In iOS and iPadOS 16.4, the Badging API is available exclusively for web apps the user has added to their home screen. You won't find the API exposed to websites in Safari or other browsers, or in any app that uses WKWebView.

<https://webkit.org/blog/14112/badging-for-home-screen-web-apps/>

@brucel

BruCe LawSoN

Storage

Home Screen Web apps ran in a different isolated context than regular in-tab Web apps. This means that if you were logged in to a Web app from the Home Screen, you need to log in again in the browser tab, and all previously stored data is gone. This includes any data stored in:

- IndexedDB
- LocalStorage
- Media keys
- SessionStorage
- Service Worker registrations and cache
- Origin private file system

Home Screen Web apps were exempt from Safari's 7-Day Cap on All Script-Writeable Storage, but now they aren't anymore. **Unless you use a Web app regularly enough, its data will be evicted from storage.**

<https://blog.tomayac.com/2024/02/28/so-what-exactly-did-apple-break-in-the-eu/>

PWA Capability	Windows	Android	iOS 17.3	iOS 17.4
App-like UI	✓	✓	✓	✗
Settings Integration	✓	✓	✓	✗
Reliable Storage	✓	✓	✓	✗
Push Notifications	✓	✓	✓	✗
Icon Badging	✓	✓	✓	✗
Share-to PWA	✓	✓	✗	✗
App Shortcuts	✓	✓	✗	✗
Device APIs	✓	✓	✗	✗

Open Letter to Tim Cook, Sabotaging Web Apps Is Indefensible

26th of February 2024

Dear Tim Cook,

We write to express our concern at Apple's decision to remove Web Apps (PWAs) from iOS and Safari in the European Union (EU), and to avail ourselves of our rights under the Digital Markets Act (DMA).

<https://letter.open-web-advocacy.org/>

Timo Tijhof – Principal Engineer, Wikimedia Foundation
EU Resident (The Netherlands)

Thomas Pike – System Administrator, Vivaldi Technologies AS
Supporter (Norway)

Tchibo GmbH
EU Organization (Germany)

Cryptee
EU Organization (Estonia)

Albert de Murga – Software Engineer, Booking.com
EU Resident (The Netherlands)

Swiss Life
EU Organization (France)

Thomas Allmer – CTO
EU Resident (Austria)

Nathan Moore – Senior Software Engineer, Astro
Supporter (USA)

Lea Verou – Researcher, MIT
Supporter (USA)

Jason Miller – Principal Engineer, Preact
Supporter (Canada)

raicoon GmbH
EU Organization (Austria)

Color.io
EU Organization (Germany)

Sucrine Club
EU Organization (France)

Florian Eckerstorfer – Global Head of Web Development, **Roche Diabetes Care**
EU Resident (Austria)

In eight countries, we operate around 900 shops, more than 24,200 depots in retail and national online shops ... With 11,318 employees worldwide, we generated sales of EUR 3.25 billion in 2022. We are a roasted coffee market leader in Germany, Austria, the Czech Republic and Hungary and are among the leading e-commerce companies in Europe. <https://www.tchibo.com/>

Supporter (USA)

Kelby Dover – Founder, Run This, LLC

Supporter (USA)

Justin O'Brien – Gentleman of Leisure

Supporter (USA)

Paul Smith – Lead Interaction Designer,

Department for Levelling Up

Supporter (UK)

Andres Maier – Founder/CEO, okto

GmbH

Supporter (Switzerland)

Tim Githinji – Founder, Ause

technologies

Supporter (Kenya)

Maureen Holland – Front-end

developer

Supporter (Canada)

Austine Amag – Founder, Luna Base

Software

1818 signatories

[Sign the letter](#)

Supporter (UK)

Jonathan Magoga – UX Lead, Joomla

CMS Project

Supporter (Japan)

Dylan Beattie – dylanbeattie.net

Supporter (UK)

Sid Sun – SRE

Supporter (India)

Russell Garner – Co-founder, Join

Together

Supporter (UK)

Jon Pearse – Developer

Supporter (UK)

Nikin Nagewadia – Senior Interaction

Designer, Government Digital Service

Supporter (UK)

Vladimir Martynenko – Senior

1818 signatories

[Sign the letter](#)

Paul Neave – Neave Interactive

Supporter (UK)

Vaughn Gavin – CEO, VASoft

Supporter (Canada)

Danny Iye – IT Engineer , MAO NASU

Supporter (Ukraine)

Carl Youngblood – Co-founder,

Mormon Transhumanist Association

Supporter (USA)

Steven Gearing – CEO, Gearing motors

Supporter (USA)

Luc – Designer, Gubagoo

Supporter (Canada)

Markus Ritzmann – DevOps Engineer

Supporter (Switzerland)

Alejandro Macía

Supporter (Colombia)

1818 signatories

[Sign the letter](#)



5308 signatories:

4811 Individuals

497 Organisations

Open Web Advocacy
Organization (Australia)

Patrick Breyer MEP – Member of the European Parliament, European Parliament
EU Resident (Germany)

RxDB
EU Organization (Germany)

Chris Lilley – Technical Director, W3C
EU Resident (Greece)

Gabriele Svelto – Sr Staff Software Engineer, Mozilla Corporation
EU Resident (The Netherlands)

Pelican Party Studios
EU Organization (The Netherlands)

Karen Melchior – Member of the European Parliament, European Parliament
EU Resident (Denmark)

Cory Doctorow
Supporter (USA)

Malte Ubl – CTO, Vercel
EU Resident (Germany)

Coralie Mercier – Head of W3C Marketing & Communications, W3C
EU Resident (France)

Arun Prasad – Engineering Manager, Maersk
EU Resident (Denmark)

Paul Kinlan – Lead for Chrome Developer Relations, Google
Supporter (UK)

the European Commission says in a statement to The Verge provided by spokesperson Lea Zuber.

“...we’re in particular looking into **the issue of progressive web apps**, and can confirm sending the **requests for information to Apple and to app developers**, who can provide useful information for our assessment.”

<https://www.theverge.com/2024/2/26/24083511/apple-eu-investigation-web-app-support>

Why don't users in the EU have access to Home Screen web apps?



UPDATE: Previously, Apple announced plans to remove the Home Screen web apps capability in the EU as part of our efforts to comply with the DMA. The need to remove the capability was informed by the complex security and privacy concerns associated with web apps to support alternative browser engines that would require building a new integration architecture that does not currently exist in iOS and iPadOS.

We have received requests to continue to offer support for Home Screen web apps in iOS and iPadOS, therefore we will continue to offer the existing Home Screen web apps capability in the EU. This support means Home Screen web apps continue to be built directly on WebKit and its security architecture, and align with the security and privacy model for native apps on iOS and iPadOS.



“Contrary to Apple’s public representation, the removal of Home Screen Web Apps on iOS in the EU was neither required, nor justified, under the Digital Markets Act,” a commission spokesperson added.

What happens next?



Big teeth from March 2024



If a gatekeeper violates the rules laid down in the legislation, it risks **a fine of up to 10% of its total worldwide turnover.**

For a repeat offence, a fine of **up to 20%** of its worldwide turnover may be imposed.

There is still a difficult fight ahead

Apple has a legal budget of **over \$1 billion USD annually.**

“work out how to get closer to a particular risk but **be prepared to manage it it it does go nuclear**, ... steer the ship as close as you can to that line because that's where **the competitive advantage occurs.**

Apple had to pay a large fine, Tim [Cook]’s reaction was that’s the right choice, don’t let that scare you, I don’t want you to stop pushing the envelope.’

Bruce Sewell - Former Apple General Council

Apple employees are very sad :-(

Gosh. Catching up with tech Twitter this morning and there seems to be an angry pocket of men who really want Safari to just go away.

Do we really want to live in a 95% Chromium browser world? That would be a horrible future for the web. We need more voices, not fewer.

6:01 pm · 7 Feb 2022 · Twitter Web App

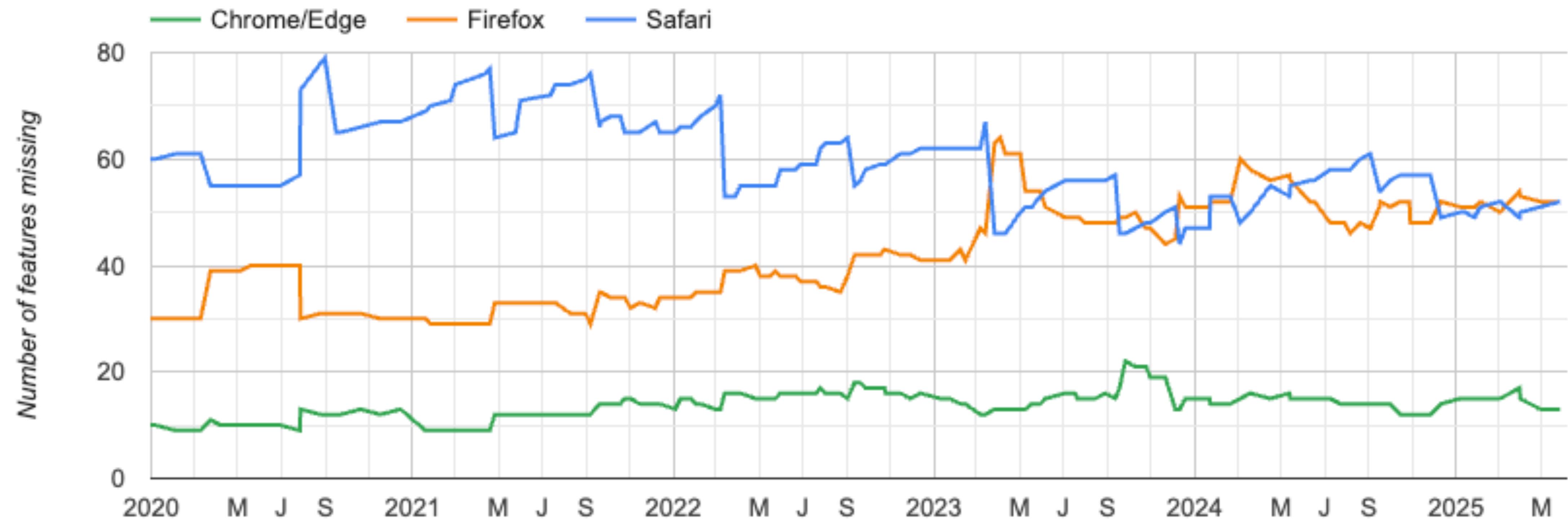
Set Safari free!



Features missing in only one browser

This chart displays the number of features that are missing in exactly one major browser, for each browser. The counted features are present in all browsers except that browser. Each of the features would be considered Baseline once the feature is supported in the corresponding browser.

Click on a line in the chart to see the exact number at any given time and the list of specific features missing in that browser.



our system of antitrust laws, “good enough” is, quite simply, not enough. Consumers, competition, and the competitive process—not Apple alone—should decide what options consumers should have. And competition, not Apple’s self-interested business strategies, should be the catalyst for innovation essential to our daily lives, not only in the smartphone market but in closely related industries like personal entertainment, automotive infotainment, and even more innovations that have not yet been imagined. Competition is what will ensure that Apple’s conduct and business decisions do not thwart the *next* Apple.

<https://www.justice.gov/archives/opa/media/1344546/dl?inline>

iTunes on Windows saved Apple

in large part because of the antitrust cases, they could put iTunes on Windows, sell iPods to every PC user in the world, and kind of the rest is history, right? That was a wildly successful business that funded development of the iPhone ..., which if you recall back in those days too, the iPhone required iTunes in order to sync on your computer when, you know, the first few versions.

Would that have been possible if Microsoft could have interfered with Apple's business on PCs?

<https://vivaldi.com/blog/9-gene-burrus-for-a-better-web/>



The Browser Choice Alliance is a coalition of browsers dedicated to the principle that consumers should have the right to use their browser of choice on Windows devices.



Windows 11 (1)

vivaldi browser - Search Welcome to Microsoft Edge

https://www.bing.com/search?q=vivaldi+browser&form=ANNTH1&refig=7BB28E235B494A5A9E7B9D09D85D16D7

vivaldi browser

Microsoft Bing

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 There's no need to download a new web browser.
Microsoft recommends using Microsoft Edge for a fast, secure, and modern web experience that can help save you time and money.

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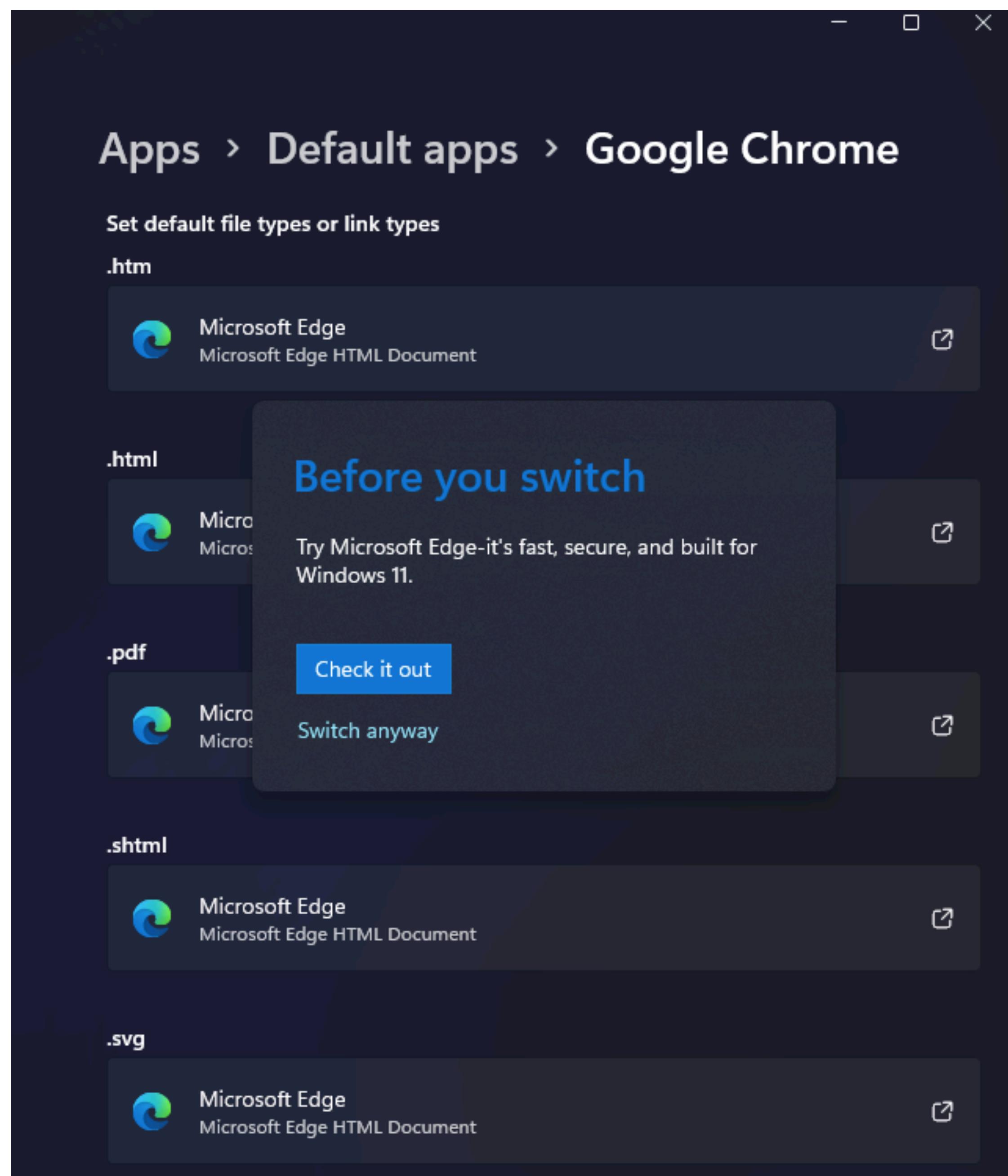
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(Ad) The Ultimate Browser for Gamers. Get an Unparalleled Gaming and Browsing Experience Now. Opera GX Is the Only Browser Built Specifically for Gamers

 **Vivaldi**
<https://vivaldi.com/download/>

Vivaldi
Cross-platform web browser

Vivaldi is a freeware, cross-platform web browser with a built-in email client developed by Vivaldi Technologies, a company founded by Tatsuki Tomita and

1:13 PM 9/18/2024



NEWS

Microsoft will finally stop bugging Windows users about Edge – but only in Europe



Image: The Verge

/ Apparently only the Digital Markets Act can stop Bing from begging you to switch .

by Richard Lawler

Jun 3, 2025, 12:40 AM GMT+2



12 Comments (1 New)

<https://www.theverge.com/news/678350/microsoft-dma-windows-10-11-bing-edge>

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Google must share the ability to install Web Apps in Android

19th of September 2024 Written by OWA [#Policy](#) [#Google](#) [#Australia](#) [#Eu](#) [#Japan](#) [#Uk](#)

TLDR: For 7 years, Google has failed to keep its commitment to share the ability to install Web Apps with third-party browsers on Android, despite [public requests](#) from Samsung, Microsoft, Brave & Kiwi browser. With regulatory intervention from the EU, Japan and the UK that may be changing.

recent updates

1. [Webventures: An Abridged History of Safari Showstoppers](#)

2. [Google must share the ability to install Web Apps in Android](#)

3. [Apple appears to mislead UK Regulator over deceptive default browser user interface](#)

4. [Apple adopts 6 of OWA's Choice Architecture Recommendations](#)

<https://open-web-advocacy.org/blog/google-must-share-the-ability-to-install-web-apps-in-android/>

Chrom(ium) divestiture

- DOJ wants to force Google to sell Chrome and ban search engine revenue share deals with other browser vendors, resulting in a 70% drop in funding for the web platform.
- Progress in new web features could stagnate, and the performance, stability of the existing web could deteriorate, risking its viability.
- We estimate ending the Apple-Google deal alone could cut Google's U.S. search share by 23–32%.
- Mozilla could go bankrupt, killing Gecko, one of just 3 major browser engines.
- Most Chromium-based browsers rely on Google's funding to function.
- The open web supports trillions in economic value and it's mostly free to use.

<https://open-web-advocacy.org/blog/break-googles-search-monopoly-without-breaking-the-web/>

**bruce
says**

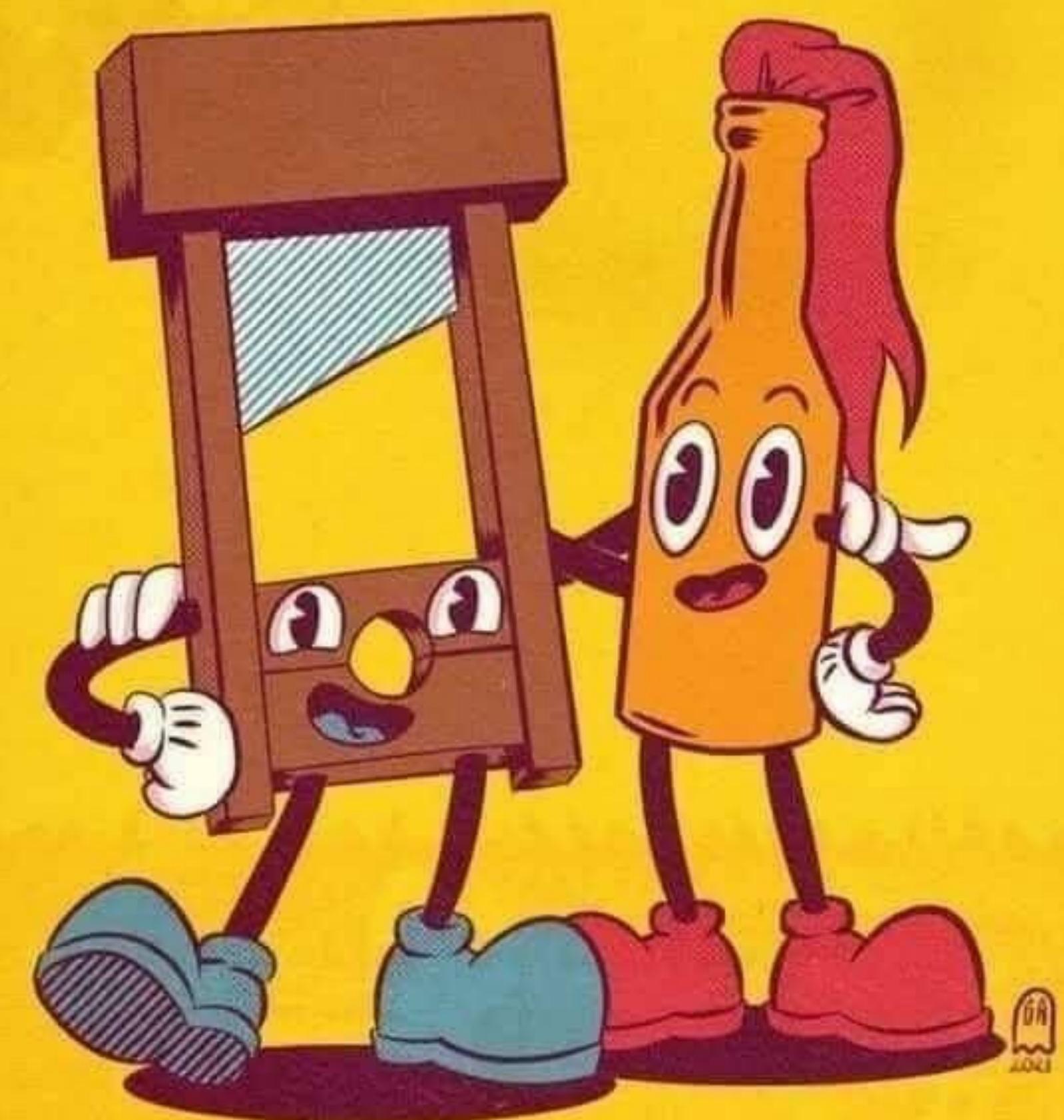


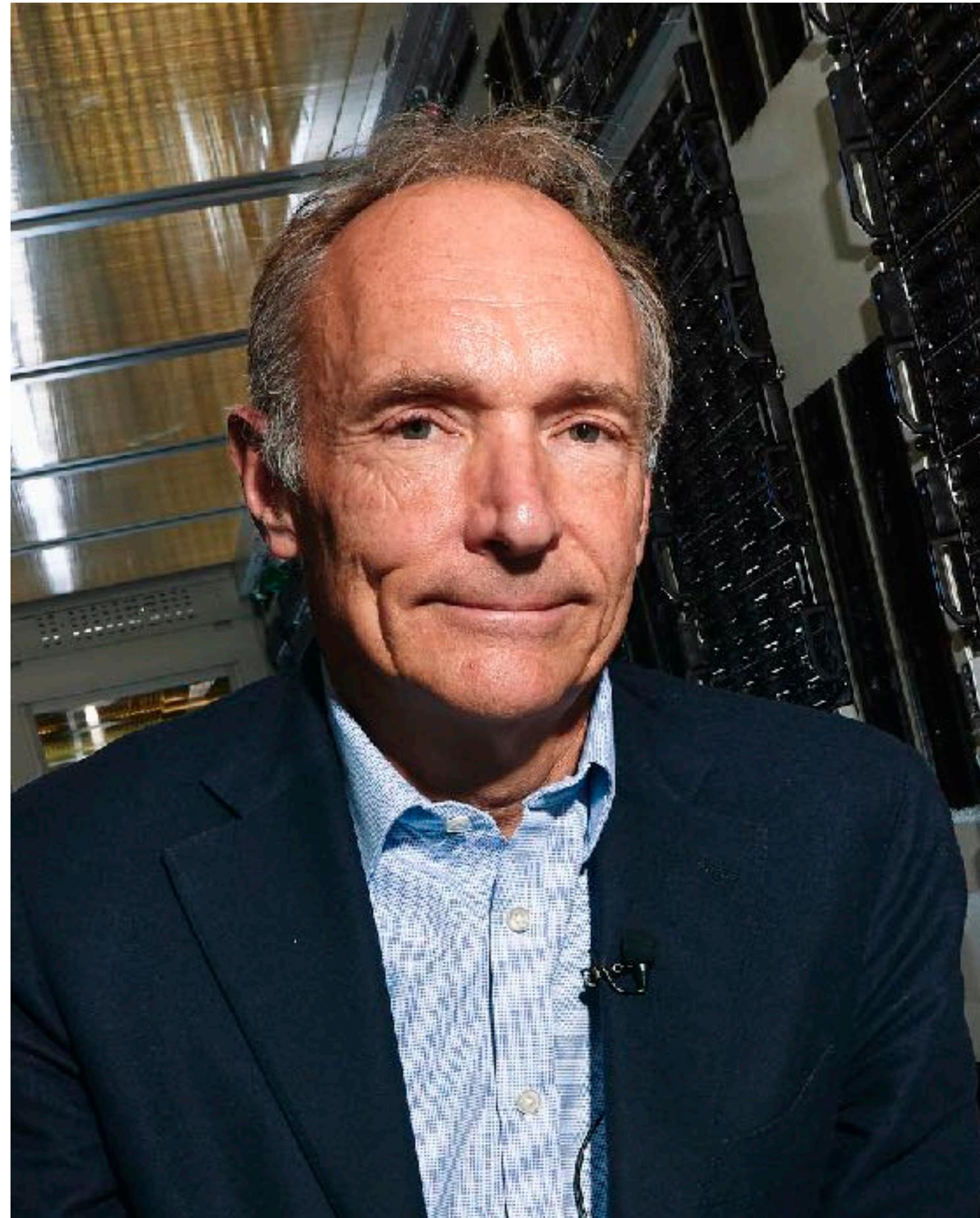
- Consider making a Progressive Web App next time, for cross-device joy, tasty HTML semantic goodness (h1 - h6!) and accessibility.
- Follow and support Open Web Advocacy.
- When regulators ask for information, tell them. **Your voices will be heard.**
- Use an independent, European browser (contains devtools!)





BILLIONAIRES SHOULD NOT EXIST





CERN

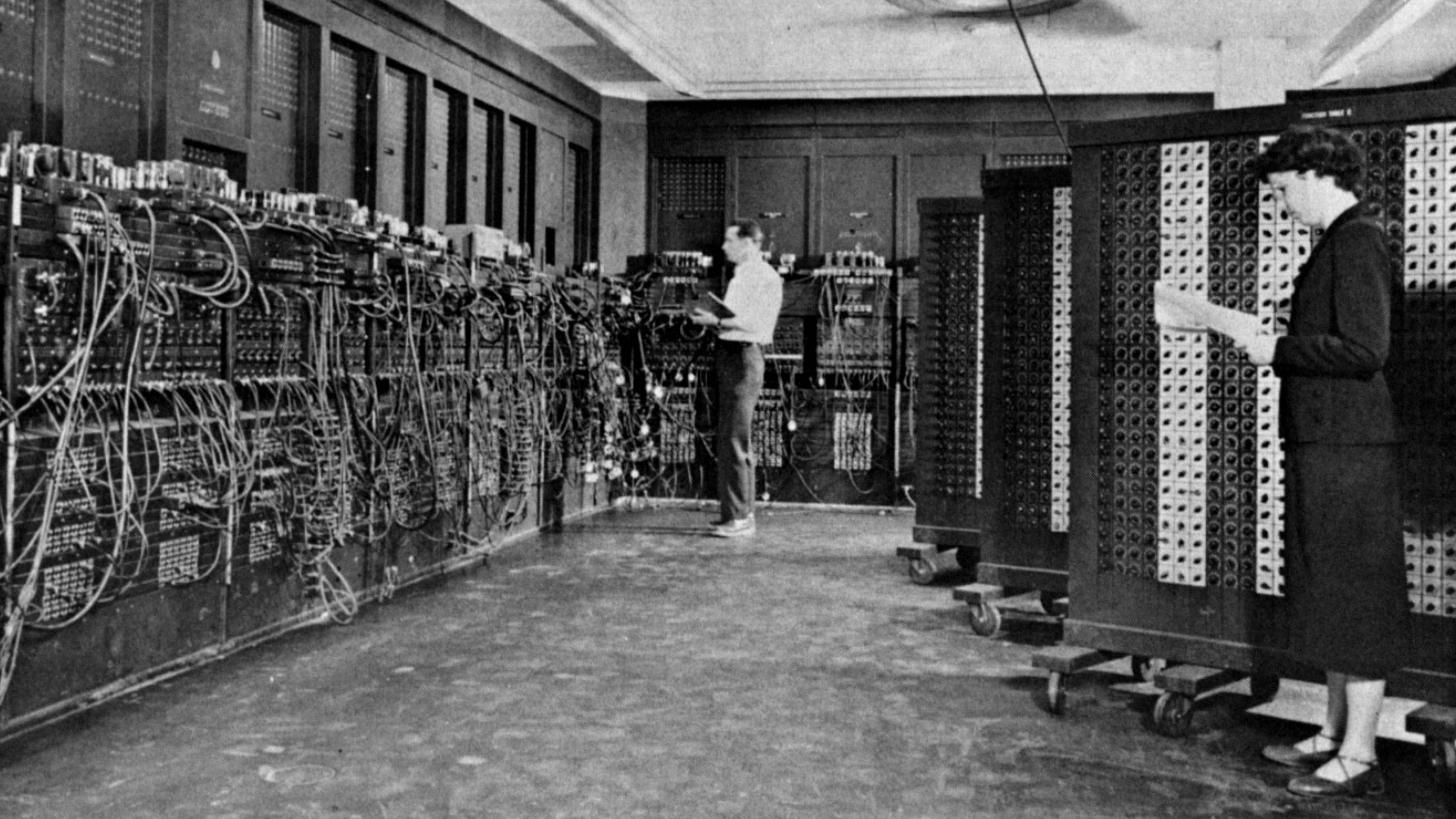
@brucel

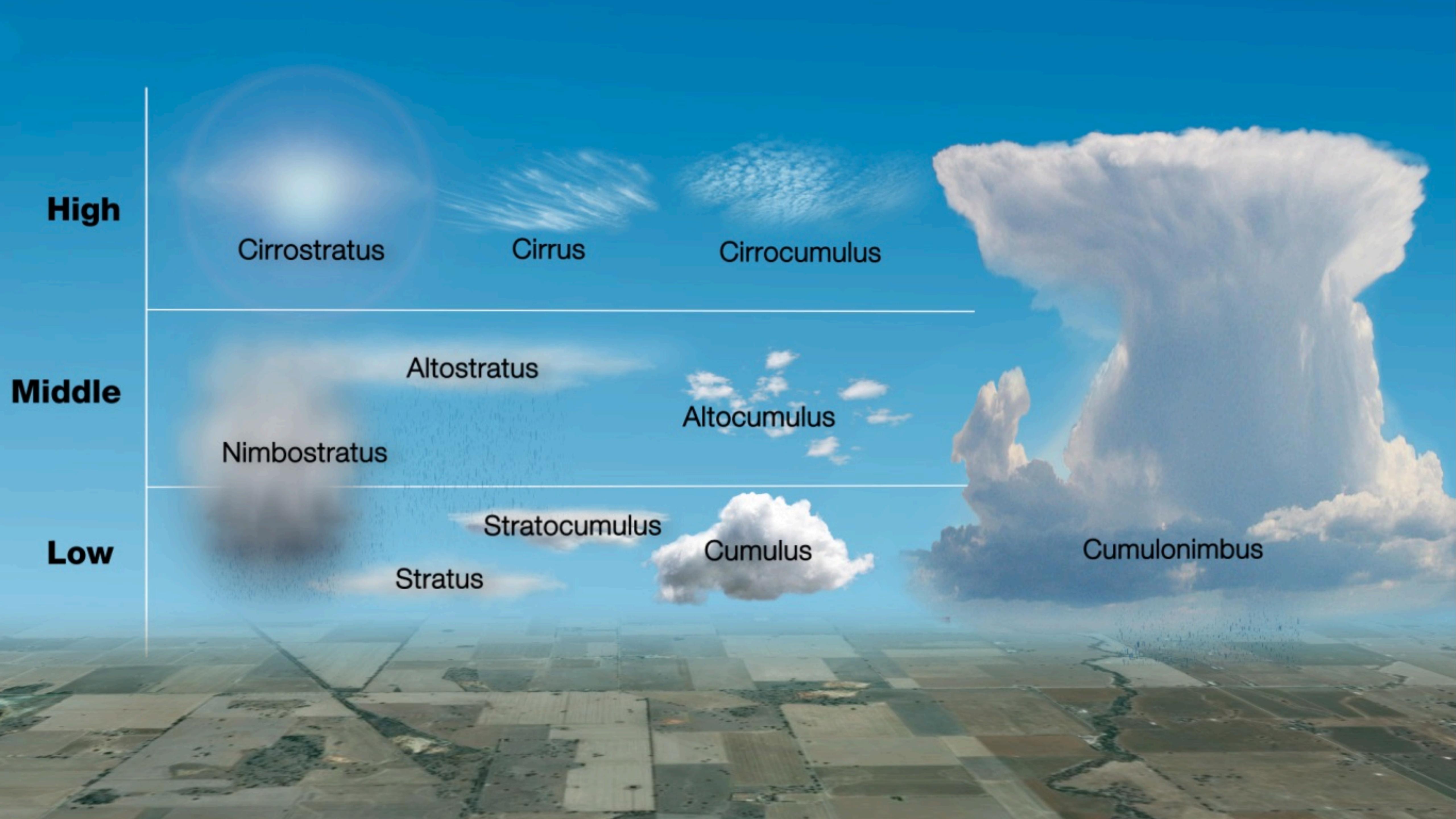
Why should you care? **Because the Web is yours.
It is a public resource on which you, your
business, your community and your government
depend...**

We create the Web.

<https://www.scientificamerican.com/article/long-live-the-web/>

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High

Cirrostratus

Cirrus

Cirrocumulus

Middle

Altocumulus

Nimbostratus

Altocumulus

Low

Stratocumulus

Stratus

Cumulus

Cumulonimbus





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Matthew, by Rebecca Wilson

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THANKS 'N' SNOGS!

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