



Open Source Keynote

Amanda Brock, CEO, OpenUK

DV Con Europe, Munich, 14 October 2025



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CANONICAL





Open:UK

SUSE

python™

Nextcloud



TIDELIFT

kubernetes



SECOND EDITION

Open Source Law, Policy and Practice

edited by

AMANDA BROCK

OXFORD

Open:UK®





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Amanda Brock
Website



Amanda Brock
LinkedIn



Open:UK PURPOSE

DEVELOP UK LEADERSHIP AND GLOBAL COLLABORATION IN OPEN TECHNOLOGY



Open:UK
2024 Annual Report infographic

Building a Cohesive Community voice

- **Community Recognition Program**
 - **Awards** 6th Annual Awards open for nominations - ceremony House of Commons, 4 December, with 10 Categories
 - **Ambassador Program - 2025 refresh under way** - 50 plus UK Ambassadors. International Ambassadors Launched 2022, Apprentice Ambassadors Launched 2023
 - **Honours List** - Annual New Year's list of 100 now in 6th year and over 500 people recognised
- **Events**
 - **Agentic AI Unconference** - 21 October, 2025
 - **Christmas Party** - 16 December, 2025
 - **State of Open Con 26** - 3 & 4 February 2026



Awards



Honours List



Events



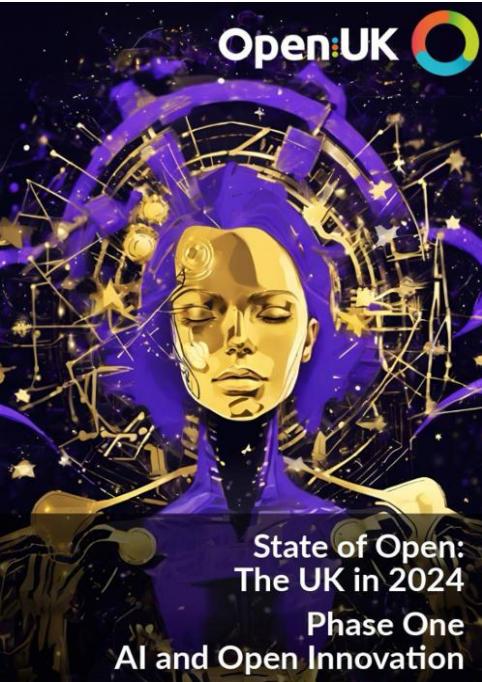
Influencing Legal and Policy in openness



- Review of new laws and policy, respond to consultations
 - quoted in both National Data Strategy Report and House of Lords LLM Report
- Day One Member Gaia-X and UK Hub coordinator - held roundtable in Parliament July 24
- NHS Research and Report commissioned 22
- Energy Catapult – open source support and mentoring of 6 projects given £1.8m in 23
- UKRI Recommendations as user and funder of open source 25
- Research and reporting on open tech - world leading since 21 - 1st organisation creating value not cost based economics of open source
- 25 Economics of Open Source Report this autumn -survey will launch September
- COP26 event and Open Technology for Sustainability Day
- COP29 signatory to the Green Digital Declaration and OpenUK Addendum calls for open technology underlay to it
- COP30 data centre project and ongoing work on Green Digital Action
- Blueprints for open technology - data centres and EV Charging
- KubeCon Europe 24 Hackathon Challenges on Data Centre Blueprint won by team from Leeds
- Hosting Roundtables in Parliament since 24 with hope to create Open Technology APPG
- Hosted panels at Labour Party Conference on Opening AI and Sovereignty Versus Resilience with Nvidia and NScale
- Advisory Boards include AI, Finance, Mobile, Space and future boards on topics like Quantum being announced ongoing
- Agent Open Unconference with AI Alliance 21 October 25
- Skills Roundtable in Parliament, 5 November 25
- State of Open Con 26 - 3 and 4 February 26, London, in planning for up to 1000 delegates, over 200 speakers and 50 plus partners

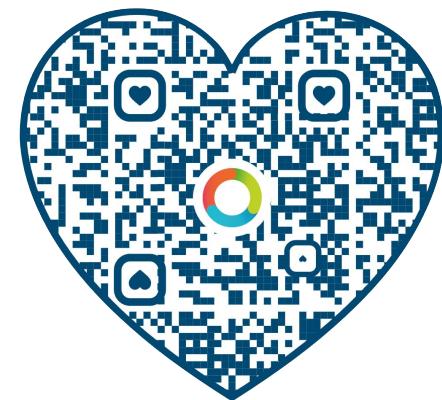
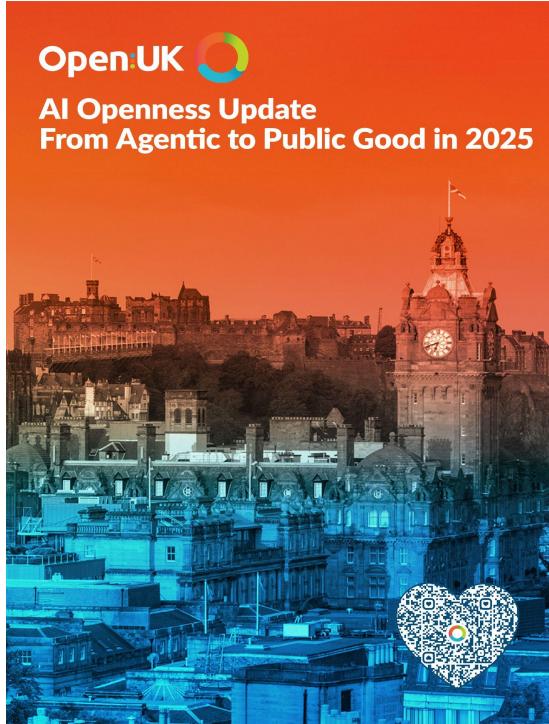








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Building Learning and Skills in Open Technology

Achieved:

- Annual Kids' Competition in 21 & 22, now working on 26
- Future Leaders Talks
- Future Founders - 8 workshops led by Founders Forum with content available for entrepreneurs
- CEO Book - Open Source Law, Policy and Practice published by OUP and open access,
<https://amandabrock.com/books/>
- State of Open Con - 3 years of hundreds of hours of world leading content free to download

2025 focus:

- State of Open Con 25 - 3rd annual conference Feb 25
- Community Inclusion Project - based on skills
- Kids Camp refresh on back of microbit Giveaway for Key Stage 3 - 13-15 year olds for delivery 2026
- University level Partnership with MOOC (massive open online course) on Business of Open Source planned





PRESENTS

STATE OF OPEN CON® 26

3 - 4 February 2026, London
stateofopencon.com



What is open source, and why does it matter today?

February 8, 2022



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```
ga.type = 'inpage';
ga.async = true;
ga.src = ("https:" == document.location.protocol ? "https://www.google-analytics.com/ga.js" : "http://www.google-analytics.com/ga.js");
var s = document.getElementsByTagName("script")[0];
s.parentNode.insertBefore(ga, s);

})0;
</script>
<?php
if (is_singular() && get_option("thread_comments")) {
    wp_enqueue_script("comment-reply");
}
?>
<?php wp_head(); ?>
</head>
<body <?php body_class(); ?>
    <div id="header">
        <div class="wrapper">
            <?php if (is_front_page() && Spaged < 2) ?>
                <img src=<?php bloginfo("template_url"); ?>/images/logo.png" alt="Logo" style="display: block; margin: 0 auto;"/>
            <?php else :?>
                <a href="/" title="Root"><img src=<?php bloginfo("template_url"); ?>/images/logo.png" alt="Logo" style="display: block; margin: 0 auto;"/>
            <?php endif;?>
            <h1>
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                    <img src=<?php bloginfo("template_url"); ?>/images/logo.png" alt="Logo" style="display: block; margin: 0 auto;"/>
                <?php else :?>
                    <a href="/" title="Root"><img src=<?php bloginfo("template_url"); ?>/images/logo.png" alt="Logo" style="display: block; margin: 0 auto;"/>
                <?php endif;?>
            </h1>
            <form id="search" method="get" action="/>
                <div>
                    <input accesskey="s" type="text" id="s" name="s" value="Find" />
                    <input type="submit" value="Find" />
                </div>
            </form>
        </div>
    </div>
</body>
</html>
```



The Open Source Definition

Introduction

Open source doesn't just mean access to the source code. The distribution terms of open-source software must comply with the following criteria:

1. Free Redistribution

The license shall not restrict any party from selling or giving away the software as a component of an aggregate software distribution containing programs from several different sources. The license shall not require a royalty or other fee for such sale.

2. Source Code

The program must include source code, and must allow distribution in source code as well as compiled form. Where some form of a product is not distributed with source code, there must be a well-publicized means of obtaining the source code for no more than a reasonable reproduction cost, preferably downloading via the Internet without charge. The source code must be the preferred form in which a programmer would modify the program. Deliberately obfuscated source code is not allowed. Intermediate forms such as the output of a preprocessor or translator are not allowed.

3. Derived Works

The license must allow modifications and derived works, and must allow them to be distributed under the same terms as the license of the original software.



4. Integrity of The Author's Source Code

The license may restrict source-code from being distributed in modified form *only* if the license allows the distribution of "patch files" with the source code for the purpose of modifying the program at build time. The license must explicitly permit distribution of software built from modified source code. The license may require derived works to carry a different name or version number from the original software.

5. No Discrimination Against Persons or Groups

The license must not discriminate against any person or group of persons.

6. No Discrimination Against Fields of Endeavor

The license must not restrict anyone from making use of the program in a specific field of endeavor. For example, it may not restrict the program from being used in a business, or from being used for genetic research.

7. Distribution of License

The rights attached to the program must apply to all to whom the program is redistributed without the need for execution of an additional license by those parties.

8. License Must Not Be Specific to a Product

The rights attached to the program must not depend on the program's being part of a particular software distribution. If the program is extracted from that distribution and used or distributed within the terms of the program's license, all parties to whom the program is redistributed should have the same rights as those that are granted in conjunction with the original software distribution.

9. License Must Not Restrict Other Software

The license must not place restrictions on other software that is distributed along with the licensed software. For example, the license must not insist that all other programs distributed on the same medium must be open-source software.

10. License Must Be Technology-Neutral

No provision of the license may be predicated on any individual technology or style of interface.

The Open Source Definition was originally derived from the [Debian Free Software Guidelines \(DFSG\)](#).

Version 1.9, last modified, 2007-03-22

Tech Decision Making: The Rise of the Developer

Developers and technologists are increasingly being given a "seat at the table" and forming peer relationships with executives regarding enterprise technology investments.



Guest Commentary

Guest Commentary

November 27, 2020



Git was originally authored by Linus Torvalds in 2005 for development of the Linux kernel, with other kernel developers contributing to its initial development. Since 2005, Junio Hamano has been the core maintainer.

Repository: git.kernel.org/pub/scm/git/git.git

Original author(s): Linus Torvalds

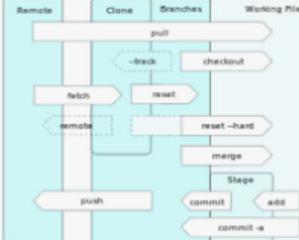
Operating system: POSIX (Linux, macOS, Sola...

Initial release: 7 April 2005; 17 years ago

<https://en.wikipedia.org/wiki/Git> ::

[Git - Wikipedia](#)

```
$ git init
Initialized empty Git repository in /tmp/tmp.1MBYSY7
$ cat > README << 'EOF'
> Git is a distributed revision control system.
> EOF
> git add README
> git commit
[master (root+commit) e4dcc69] You can edit locally
to any remote.
1 file changed, 1 insertion(+)
create mode 100644 README
$ git remote add origin git@github.com:cdown/that's.git
$ git push -u origin master
```





Three Generations of Open Source

Gen One
Linux

Gen Two
Kubernetes

Gen Three
AI and Quantum

Contents hide
(Top)

- ✓ Lock-in types
 - Technology lock-in
 - Personal technology lock-in
 - Collective vendor lock-in
- ✓ Examples
 - Microsoft
 - Apple Inc.
 - Google
 - Cloud computing
 - Other examples

See also
Notes
References
External links

Vendor lock-in

19 languages
Article
Talk
Read
Edit
View history
Tools
From Wikipedia, the free encyclopedia

In [economics](#), **vendor lock-in**, also known as [proprietary lock-in](#) or [customer lock-in](#), makes a customer dependent on a vendor for [products](#), unable to use another vendor without substantial [switching costs](#).

The use of [open standards](#) and alternative options makes systems tolerant of change, so that decisions can be postponed until more information is available or unforeseen events are addressed. Vendor lock-in does the opposite: it makes it difficult to move from one solution to another.

Lock-in costs that create [barriers to market entry](#) may result in [antitrust](#) action against a [monopoly](#).

Lock-in types [edit]

Monopolistic	Collective	Popular term
No	No	—
Yes	Yes	Technology lock-in
Yes	No	Vendor lock-in
	Yes	

Monopolistic

Whether a single vendor controls the market for the method or technology being locked in to. Distinguishes between being locked to the mere technology, or specifically the vendor of it.

This class of lock-in is potentially technologically hard to overcome if the monopoly is held up by barriers to market that are nontrivial to circumvent, such as patents, secrecy, cryptography or other technical hindrances.

Collective

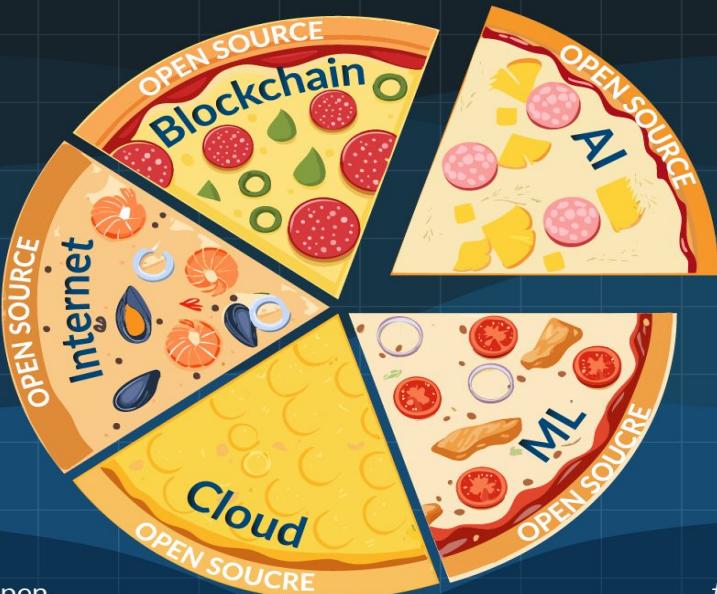
Whether individuals are locked in collectively, in part through each other. Economically, there is a [cost to resist](#) the locally dominant choice, as if by friction between individuals. In a mathematical model of differential equations, disregarding [discreteness](#) of individuals, this is a [distributed parameter](#)

Marketing	
Marketing · Marketing management	
Key concepts	[show]
Promotional content	[show]
Promotional media	[show]
Research	[show]
V · T · E	

State of Open The UK in 2024

Phase Three “Open Source and Market Shaping”

Figure 6 Analogy of a Tech Pizza



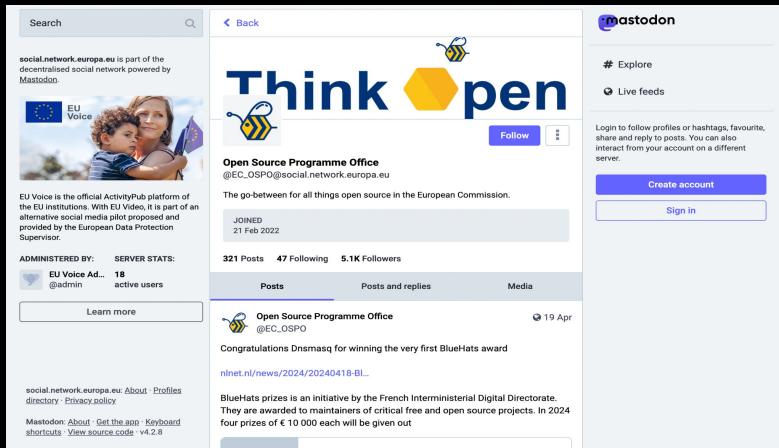
openuk.uk/stateofopen

#openuk #stateofopen

Figure 6

EU Public Sector and open source

EU has set up an OSPO centrally and in each country



The screenshot shows the Think Open page on the social.network.europa.eu mastodon instance. The page features a large blue hexagon with a yellow bee icon, the text 'Think Open', and the 'Open Source Programme Office' logo. Below the logo, it says 'The go-between for all things open source in the European Commission.' The mastodon interface includes a sidebar with 'EU Voice' and 'EU Voice Ad...' sections, and a main feed with posts from the 'Open Source Programme Office' account. One post congratulates 'Onsmasq' for winning the first BlueHats award.

France is Europe's fastest growing



The screenshot shows the 'OSOR Open Source Observatory (OSOR)' report update page on the interoperable.europa.eu website. The page features a blue header with the European Commission logo and the 'interoperable' logo. The main content area includes a sub-header 'France Open Source report update', a post by 'Axel Thévenet' with a timestamp of 'Published on: 05/07/2023', and a section titled 'OSOR's update: Report on open source in France'. The page also includes a QR code and links to 'Bookmark', 'Like (1)', and 'Translate'.



The European Public Sector Open Source Opportunity

[DOWNLOAD REPORT](#)

While the EU increasingly recognizes the value of open source, the public sector is still behind in embracing open source software, with little contribution to the ecosystem and policymaking that inhibits its potential. This report examines the present-day trends, challenges, and opportunities for OSS adoption in this sector, emphasizing the need for a cultural shift in order for open source to reach its full potential in Europe.

Synthesizing case studies and interviews with subject matter experts, the report lays out resources to encourage greater public sector adoption, engagement, and participation. Read more about the needs and recommendations for the sector in the full report.



TUM School of Social Sciences and Technology
TUM School of Management



Munich Papers in Political Economy Working Paper No. 03/2025

How the European Union Fell Out of Love with Open-Source Software

Nora von Ingersleben-Seip

February 2025



All about Open Source

An Introduction to Open Source Software for Government IT

Version 2.0

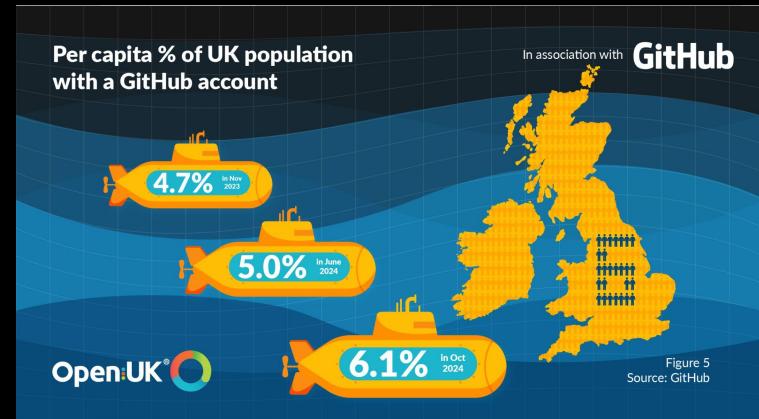
It is Government policy to consider open source solutions on their merits and according to total lifetime cost of ownership. Government recognises the potential benefits of Open Source Software (OSS) and is committed to increasing the adoption of open source solutions across government, where it offers best value for the taxpayer.

Submarine under UK's Digital Economy

Figure 4 demonstrates UK growth in developer community on GitHub, and reaching 4m accounts for the first time.



Figure 5 demonstrates that the UK's per capita developer community is 6.1% making it the highest per capita holder of GitHub accounts globally.



THE NEW STACK

PODCASTS EBOOKS EVENTS NEWSLETTER

ARCHITECTURE ENGINEERING OPERATIONS

State of Open: Open Source Has Won, but Is It Sustainable?

Digitalization and open source over the last five to 10 years has elevated engineers to be decision makers and influencers, but with that comes more focus from policy makers.

Feb 28th, 2023 7:02am by [Joe Fay](#)



Log4j hearing: 'open source is not the problem'

Cisco, Palo Alto, Apache executives look at Log4j vulnerability responses, and the likelihood of future issues.



Michael Cooney (Network World)

10 February, 2022 08:00



[0 Comments](#)



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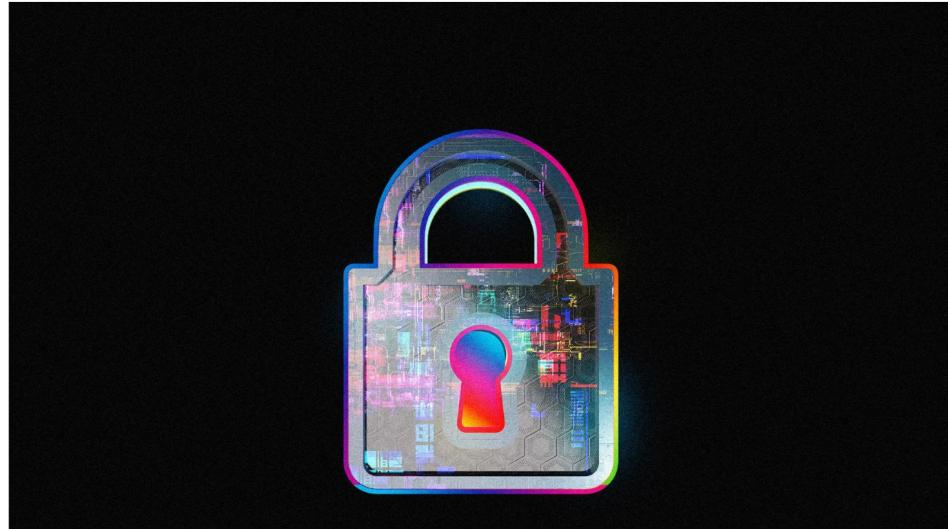
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DAN GOODIN, ARS TECHNICA

SECURITY APR 2, 2024 4:00 AM

The XZ Backdoor: Everything You Need to Know

Details are starting to emerge about a stunning supply chain attack that sent the open source software community reeling.





Open Source Security (OpenSSF) and OpenJS Foundations

Issue Alert for Social Engineering Takeovers of Open Source Projects

XZ Utils cyberattack likely not an isolated incident

By Robin Bender Ginn, Executive Director, OpenJS Foundation; and Omkhar Arasarathnam, General Manager, Open Source Security Foundation



Shaping Europe's digital future

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[Home](#) > [Library](#) > [Cyber Resilience Act](#)

POLICY AND LEGISLATION | Publication 15 September 2022

Cyber Resilience Act

The proposal for a regulation on cybersecurity requirements for products with digital elements, known as the Cyber Resilience Act, bolsters cybersecurity rules to ensure more secure hardware and software products.

Hardware and software products are increasingly subject to successful cyberattacks, leading to an estimated global annual cost of cybercrime of €5.5 trillion by 2021.

Such products suffer from two major problems adding costs for users and the society:

1. a low level of cybersecurity, reflected by widespread vulnerabilities and the insufficient and inconsistent provision of security updates to address them, and
2. an insufficient understanding and access to information by users, preventing them from choosing products with adequate cybersecurity properties or using them in a secure manner.

While existing internal market legislation applies to certain products with digital elements, most of the hardware and software products are currently not covered by any EU legislation tackling their cybersecurity. In particular, the current EU legal framework does not address the cybersecurity of non-embedded software, even if cybersecurity attacks increasingly target vulnerabilities in these products, causing significant societal and economic costs.



Related topics

[Cybersecurity](#)

[European Cybersecurity Competence Centre](#)

THE NEW STACK

Open Source Needs Maintainers. But How Can They Get Paid?

The world runs on code maintained largely by an army of unpaid hobbyists. It's not sustainable. Who's trying to change that?

Sep 6th, 2023 3:00am by [Heather Joslyn](#)



Forbes

Jan 26, 2022, 08:30am EST | 103 views

Dispelling The Most Widespread Myths About Open-Source Software



Alexander Belokrylov Forbes Councils Member
Forbes Technology Council COUNCIL POST | Membership (Fee-Based)
Innovation

f CEO of *BellSoft*, accomplished expert in Java technology and IT leadership with 10+ years of experience.



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14 JANUARY 2021

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Doubling down on open, Part II

By [Shay Banon](#)

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Open standards: telecoms companies seek better licences

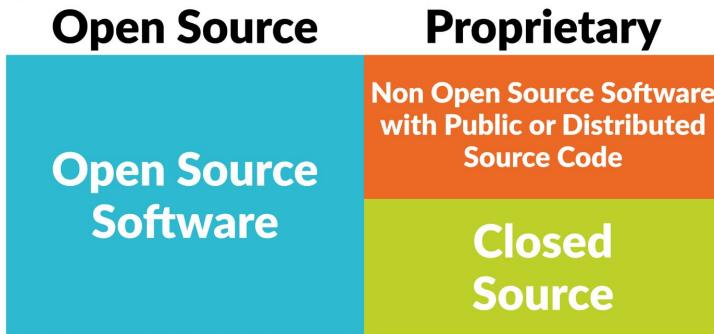
In-house counsel say they want more certainty in open source licences and on the term 'open source' itself so that they can contribute to telecoms standards projects without the risk of losing IP



With the rising popularity of open source collaboration on standardised technology projects, telecommunications companies say they need better licences and governance models to allow them to contribute to core

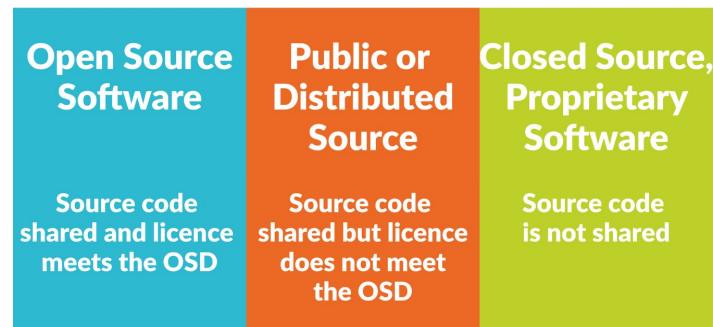
Open:UK State of Open: The UK in 2024
Phase Two “The Open Manifesto” Report

Figure 9. Open Source Software versus Proprietary Software



Open:UK State of Open: The UK in 2024
Phase Two “The Open Manifesto” Report

Figure 11. 3 Categories of Software



Science & technology | Open-minded

A battle is raging over the definition of open-source AI

Companies that bet on the right one could win big

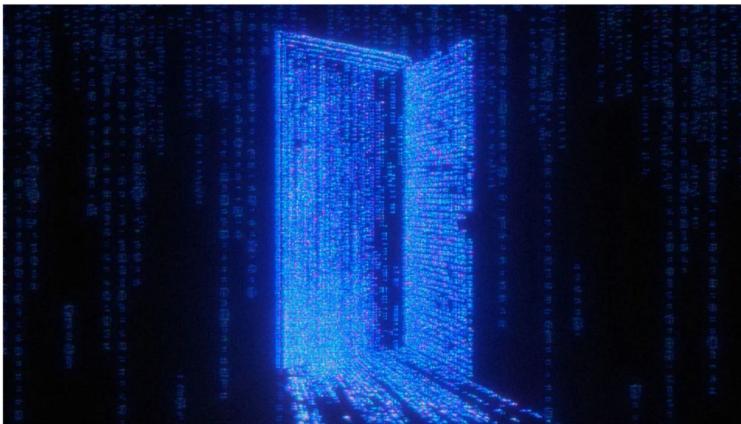


ILLUSTRATION: NICK KEMPTON

Geopolitical Shift

“Changes in ...digital technologies and geo-politics are already having a profound effect on the lives of Europeans. We are witnessing major shifts all the way from global power structures to local politics ... What we do now will determine what kind of world our children live in and will define Europe’s place in the world.” Creating a “Europe fit for the Digital Age.”

Ursula von der Leyen, 2019





Geopolitical shift - not new

Geopolitical Shift





OpenUK

6,032 followers

1mo •

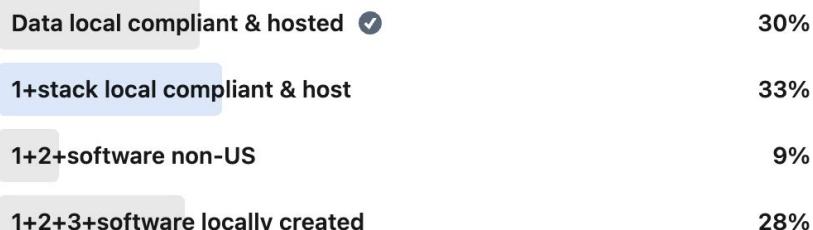
...

"Digital Sovereignty" should be high up the discussion at both [London Tech Week](#) and [Viva Technology](#) in Paris. In a world tainted by geo-politics [Eurostack](#) will host a meeting with the French Minister on Tuesday. [...more](#)

What's digital sovereignty mean to you? Does it cover software as well as data? Is software non-US or local and what's local?

What about AI?

The author can see how you vote. [Learn more](#)



43 votes • Poll closed • [Remove vote](#)



What is Sovereignty?

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Open Source and Sovereignty - global collaboration versus local source



Open Source AI: A Cornerstone of Digital Sovereignty



Community Article

Published June 11, 2025



Lucie-Aimée Kaffee

frimelle



Yacine Jernite

yjernite



As artificial intelligence reshapes everything from education to defense, digital sovereignty is no longer a long-term aspiration; it's an urgent priority. To ensure that nations can govern, audit, and shape the AI systems that influence their societies, open source AI offers a powerful foundation for autonomy, innovation, and trust.

What is Digital Sovereignty?

Digital sovereignty refers to the capacity of a state or region to independently govern, control, and protect its digital infrastructure, data, and technologies in alignment with its

UK approach to sovereignty

Policy paper UK Compute Roadmap

Published 17 July 2025

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Foreword by the Secretary of State for Science, Innovation and Technology

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4. Building AI infrastructure to keep the UK at the cutting edge of AI development
5. Creating sovereign, secure and sustainable capability
6. Conclusion and next steps
7. Compute Roadmap – at a glance

Annex

 Print this page

Presented to Parliament by the Secretary of State for Science, Innovation and Technology by Command of His Majesty.

July 2025

CP1352

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Foreword by the Secretary of State for Science, Innovation and Technology



Contents

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Annex

 Print this page

5. Creating sovereign, secure and sustainable capability

In an era where artificial intelligence will underpin everything from economic competitiveness to national security, having sovereign capability in AI – and the compute infrastructure that powers it – is essential. Sovereign infrastructure allows us to protect sensitive data, direct resources toward national priorities, and ensure we remain resilient in the face of global instability and supply chain disruption. Beyond resilience, sovereignty is also about opportunity: it allows us to shape our own future, build competitive advantage, and grow high-value sectors that support jobs and innovation across the UK.

AI is one of the world's fastest-growing markets – and compute is its beating heart. The global AI chip market is projected to be worth hundreds of billions by 2030, while investment in AI data centres is expected to exceed \$1 trillion globally by the end of the decade. These are not just enablers of innovation, they are industries in their own right, with supply chains stretching from advanced semiconductor design and fabrication to infrastructure delivery and operations. Countries that move quickly to build sovereign capability across this stack stand to benefit economically and geopolitically.

The UK has real strengths to build on. We are home to ARM, one of the world's most successful semiconductor design companies, and a growing network of AI and chip start-ups pushing the boundaries of the possible – from new architectures to energy-efficient designs. Our research institutions, including centres of excellence in Cambridge, Bristol, Edinburgh, London, and beyond, are leading in everything from AI model development to quantum computing and photonics. By combining our world-class talent with strategic investment and a focused industrial policy, the UK can secure its place as a global leader – not just in using AI, but in designing and building the infrastructure that powers it.

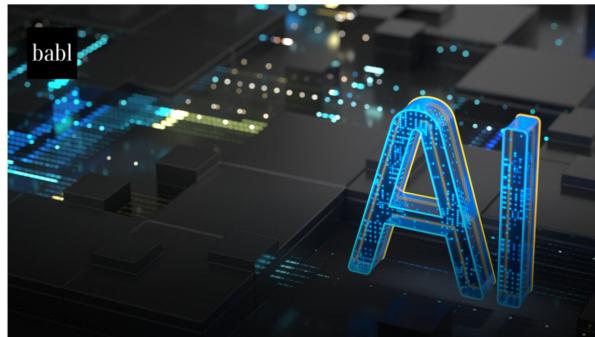
That is why Advanced Connectivity Technologies, Cyber Security, Semiconductors, and



Stargate Announcement



OpenAI, NVIDIA, and Nscale Launch Stargate UK to Boost Sovereign AI Infrastructure



Written by Jeremy Werner

Jeremy is an experienced journalist, skilled communicator, and constant learner with a passion for storytelling and a track record of crafting compelling narratives. He has a diverse background in broadcast journalism, AI, public relations, data science, and social media management.



Posted on 09/25/2025



In News

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Commercial product

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Andreessen Horowitz

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Black Forest Labs

Mistral AI and Nvidia: Towards a Sovereign AI Infrastructure in Europe

Pierre-yves Gerlat 13/06/2025



The French startup Mistral AI, founded just two years ago, has reached a new strategic milestone in its development: it announces, in partnership with Nvidia, the launch of *Mistral Compute*, a sovereign computing infrastructure dedicated to artificial intelligence. This partnership, unveiled at the VivaTech show, crystallizes European ambitions for technological sovereignty.

France's Industrial AI Cloud





Germany's Sovereign AI

Why Germany Is Building a Sovereign AI Cloud With Nvidia

June 13, 2025 — 10:30 am EDT

Written by **Hedder** →



To receive tech updates in your inbox, sign up to the newsletter [ARPU](#), published by Hedder.



This article was originally published on ARPU. View the original post [here](#).



On Friday, German Chancellor Friedrich Merz welcomed Nvidia CEO Jensen Huang to announce a new partnership: Nvidia will provide 10,000 AI chips to Deutsche Telekom to build a dedicated "industrial AI cloud" for Germany and Europe. The stated goal, as Merz put it, is to take "an important step for Germany's digital sovereignty and economic future." This deal is more than just another data center buildout; it's a clear signal of a powerful global trend: the rise of Sovereign AI. As the



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TOGETHER TOWARDS A FEDERATED AND SECURE DATA INFRASTRUCTURE.

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EU Approach to Sovereignty



EU Approach to Sovereignty

EuroStack

The White Paper

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Who We Are

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Join Our Initiative

Building Europe's digital future

"EuroStack" is our original idea for a European Industrial Policy initiative bringing together tech, governance and funding for Europe-focused investment to build and adopt a suite of digital infrastructures: from connectivity to cloud computing, AI and digital platforms.



Join Our Initiative

Read The Industry Letter



Building the EuroStack: Can Open-Source Save Europe's Tech Future?

BRICE BOWREY / MAY 16, 2025



Shutterstock

In March of 2025, some of the largest European tech companies and lobbying groups signed an [open letter](#) to the leadership of the European Commission, the executive arm of the European Union (EU). In response to political trends in the United States and increasingly divergent global frameworks for technological governance, the signatories called for "radical action" to ensure European technological independence by developing a "EuroStack."

Lexically blending European identity with the concept of a "tech stack"—the set of digital tools and



BRICE BOWREY

Brice Bowrey is a researcher who studies the social and historical dimensions of science, technology, and medicine. He is currently serving as postdoctoral researcher at the Arizona State University Consortium for Science, Policy & Outcomes.

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The Myth of ‘Open Source’ AI

A new analysis shows that “open source” AI tools like Llama 2 are still controlled by big tech companies in a number of ways.





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Elon Musk Takes Credit for OpenAI: 'It Wouldn't Exist Without Me'

Musk expressed concerns about OpenAI's shift towards a closed-source, for-profit model and Microsoft's influence.

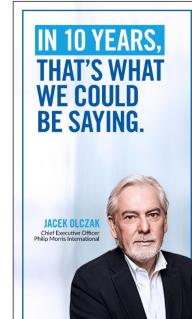
 By Jason Nelson

May 17, 2023
3 min read

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ChatGPT creator OpenAI is getting ready to release an open-source AI model, report says

Beatrice Nolan May 17, 2023, 10:52 AM BST





Google "We Have No Moat, And Neither Does OpenAI"

Leaked Internal Google Document Claims Open Source AI Will Outcompete Google and OpenAI



DYLAN PATEL AND AFZAL AHMAD
4 MAY 2023 · PAID

The text below is a very recent leaked document, which was shared by an anonymous individual on a public Discord server who has granted permission for its republication. It originates from a researcher within Google. We have verified its authenticity. The only modifications are formatting and removing links to internal web pages. The document is only the opinion of a Google employee, not the entire firm. We do not agree with what is written below, nor do other researchers we asked, but we will publish our opinions on this in a separate piece for subscribers. We simply are a vessel to share this document which raises some very interesting points.

And neither does OpenAI

We've done a lot of looking over our shoulders at OpenAI. Who will cross the next milestone? What will the next move be?

But the uncomfortable truth is, *we aren't positioned to win this arms race and neither is OpenAI*. While we've been squabbling, a third faction has been quietly eating our lunch.

I'm talking, of course, about open source. Plainly put, they are lapping us. Things we consider "major open problems" are solved and in people's hands today. Just to name a few:

- **LLMs on a Phone:** People are running foundation models on a Pixel 6 at 5 tokens / sec.
- **Scalable Personal AI:** You can finetune a personalized AI on your laptop in an evening.
- **Responsible Release:** This one isn't "solved" so much as "obviated". There are entire websites full of art models with no restrictions whatsoever, and text is not far behind.
- **Multimodality:** The current multimodal ScienceQA SOTA was trained in an hour.

While our models still hold a slight edge in terms of quality, the gap is closing **astonishingly quickly**. Open-source models are faster, more customizable, more private, and pound-for-pound more capable. They are **doing things with \$100 and 13B params** that we struggle with at \$10M and 540B. And they are doing so in weeks, not

A photograph of Mark Zuckerberg, CEO of Meta, speaking at a podium. He is wearing a dark suit, a white shirt, and a red tie. He is gesturing with his right hand while speaking. The background is a dark wall with several logos: 'BAYERISCHER HOF' at the top left, 'Münchener Sicherheitskonferenz' on the right, 'msc' in large letters, 'Munich Security Conference' above it, and 'BAYERISCHER HOF' at the bottom right. Below the photo, there is a red 'EXCLUSIVE' box and a horizontal line of text: 'GOOGLE FACEBOOK AI'.

Meta Wants Companies to Make Money Off Its Open-Source AI, in Challenge to Google

By Sylvia Varnham O'Regan, Jon Victor and Amir Efrati | June 15, 2023 2:24 PM PDT
Photo: Meta Platforms CEO Mark Zuckerberg. Photo by Getty

Meta Platforms CEO Mark Zuckerberg and his deputies want other companies to freely use and profit from new artificial intelligence software Meta is developing, a decision that could have big implications for other AI developers and businesses that are increasingly adopting it.

[Meta](#)[Llama 2](#) [Purple Llama](#) [Community Stories](#) [Get started](#)[Download models](#)

Partnerships

Our global partners and supporters

We have a broad range of supporters around the world who believe in our open approach to today's AI — companies that have given early feedback and are excited to build with Llama 2, cloud providers that will include the model as part of their offering to customers, researchers committed to doing research with the model, and people across tech, academia, and policy who see the benefits of Llama and an open platform as we do.



"We support an open innovation approach to AI. Responsible and open innovation gives us all a stake in the AI development process, bringing visibility, scrutiny and trust to these technologies. Rather than limiting large language models and AI progress to a select few, we should bring AI development into the open where we can all benefit from this technology."

Llama website

Search Facebook

Mark Zuckerberg

Studied Computer Science and Psychology at Harvard University

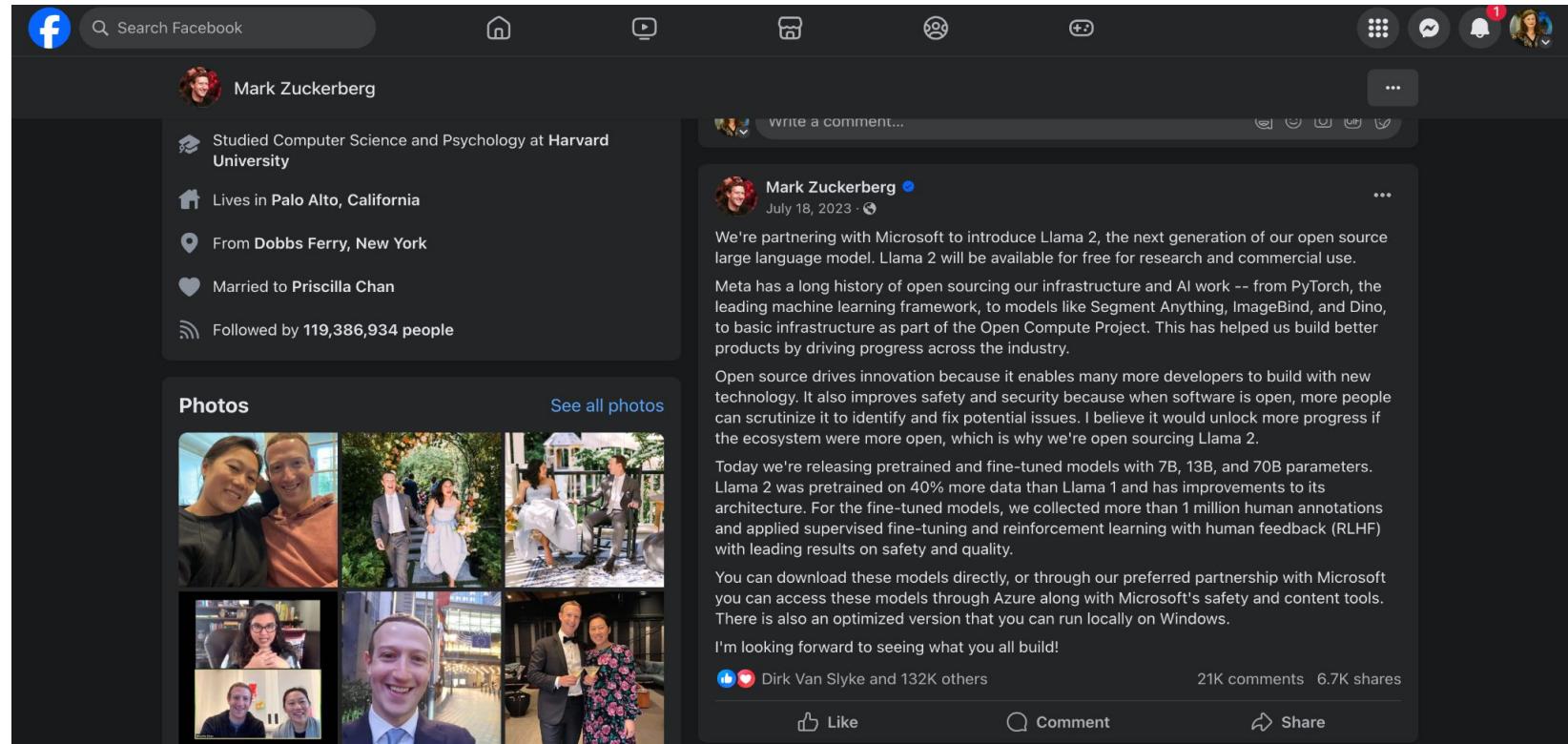
Lives in Palo Alto, California

From Dobbs Ferry, New York

Married to Priscilla Chan

Followed by 119,386,934 people

Photos See all photos



write a comment...

Mark Zuckerberg • July 18, 2023

We're partnering with Microsoft to introduce Llama 2, the next generation of our open source large language model. Llama 2 will be available for free for research and commercial use. Meta has a long history of open sourcing our infrastructure and AI work -- from PyTorch, the leading machine learning framework, to models like Segment Anything, ImageBind, and Dino, to basic infrastructure as part of the Open Compute Project. This has helped us build better products by driving progress across the industry.

Open source drives innovation because it enables many more developers to build with new technology. It also improves safety and security because when software is open, more people can scrutinize it to identify and fix potential issues. I believe it would unlock more progress if the ecosystem were more open, which is why we're open sourcing Llama 2.

Today we're releasing pretrained and fine-tuned models with 7B, 13B, and 70B parameters. Llama 2 was pretrained on 40% more data than Llama 1 and has improvements to its architecture. For the fine-tuned models, we collected more than 1 million human annotations and applied supervised fine-tuning and reinforcement learning with human feedback (RLHF) with leading results on safety and quality.

You can download these models directly, or through our preferred partnership with Microsoft you can access these models through Azure along with Microsoft's safety and content tools. There is also an optimized version that you can run locally on Windows.

I'm looking forward to seeing what you all build!

Like Comment Share

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THE NEW STACK

Meta's Llama 2 Is Not Open Source and That's OK

It looks unlikely that open source as we know it can be the future of AI. Instead, we must support an open approach and understand what that approach can bring in these evolving circumstances.

Jul 25th, 2023 10:00am by [Amanda Brock](#)





D E E P D I V E

DEFINING OPEN SOURCE AI

IT'S TIME TO HAVE A CLEAR DEFINITION

JOIN THE CONVERSATION 



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We are bringing together global experts to establish a shared set of principles that can recreate the permissionless, pragmatic and simplified collaboration for **#AI** practitioners, similarly to what the Open Source Definition has done.

Proposals for our **#DeepDiveAI** webinar series are now being accepted.

Deadline for submissions is July 24th.

<https://buff.ly/42uGUVS>

#DDAI#OpenSource #ArtificialIntelligence
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 Nick Vidal and 7 others

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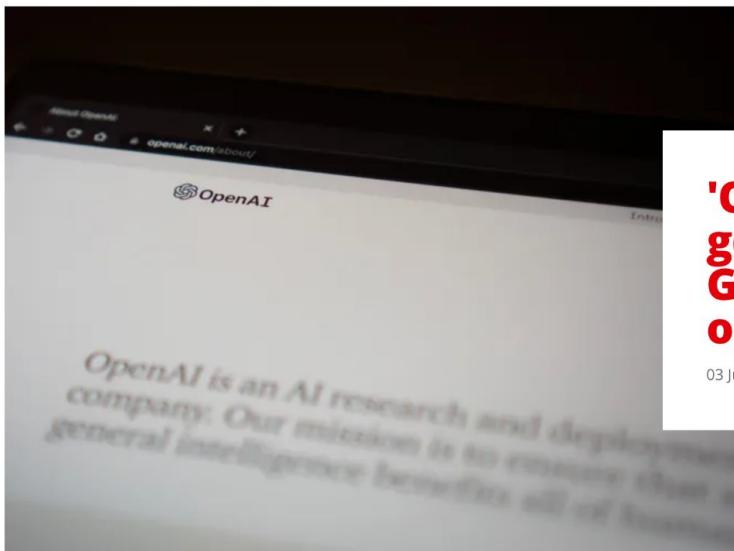


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'Open-washing' generative AI: how Meta, Google and others feign openness

03 July 2024 • Research news item

The past year has seen a steep rise in generative AI systems that claim to

DeepSeek-V3.2-Exp 模型发布，训练推理提效，API 同步降价，在网页端、APP 和 API 全面上线，[点击查看详情](#)。

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PRESIDENT DONALD J. TRUMP



ACCELERATE AI INNOVATION

America must have the most powerful AI systems in the world, but we must also lead the world in creative and transformative application of those systems. Ultimately, it is the uses of technology that create economic growth, new jobs, and scientific advancements. America must invent and embrace productivity enhancing AI uses that the world wants to emulate. Achieving this requires the Federal government to create the conditions where private sector-led innovation can flourish.

Removing Red Tape and Onerous Regulation

Ensure that Frontier AI Protects Free Speech and American Values

Encourage Open-Source and Open-Weight AI

Enable AI Adoption

Empower American Workers in the Age of AI

Support Next-Generation Manufacturing

Invest in AI-Enabled Science

Build World-Class Scientific Datasets



The screenshot shows the OpenAI website's main page. At the top left is the 'OpenAI' logo with a search icon. At the top right are a search icon and a 'Log in' button. The main title 'Open models by OpenAI' is displayed in large white text. Below it is a subtitle: 'Advanced open-weight reasoning models to customize for any use case and run anywhere.' To the left, a sidebar lists navigation options: 'Home' (with a back arrow), 'API Platform', 'API Pricing', 'Codex', 'Open Models' (which is highlighted with a dark gray background), and 'Community' (with a dropdown arrow). To the right of the title are three buttons: 'Download on Hugging Face' (with an arrow), 'View on GitHub' (with an arrow), and 'Try our models' (with an arrow). The main content area features two large, semi-transparent blue rectangular cards. The left card shows a white curve starting at the bottom left and ending at a point labeled '-0.57'. The right card shows a white curve starting at the top left and ending at a point labeled '0.21' with a horizontal line extending to a point labeled '-0.60'.

Global AI Summits



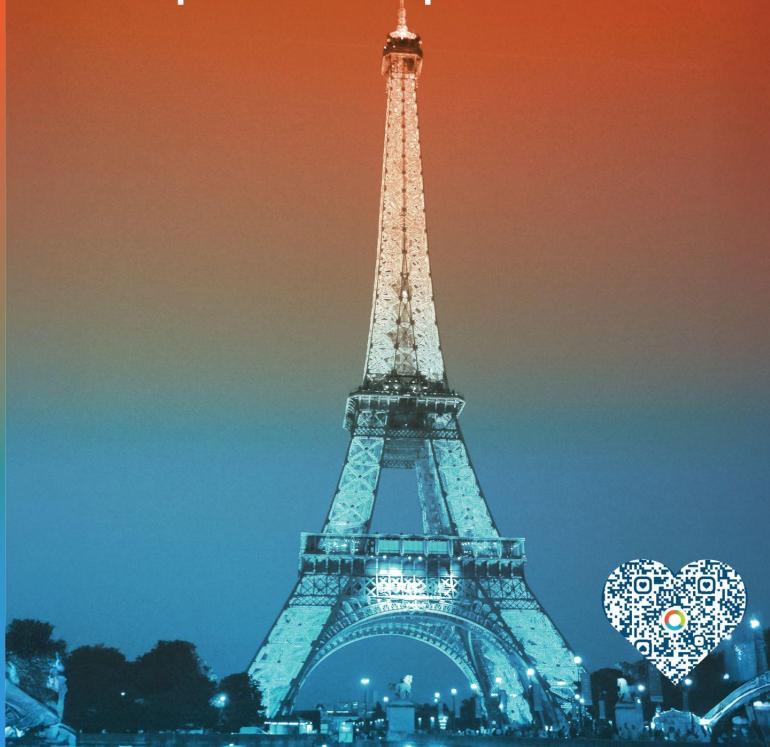
UK AI Safety Summit Bletchley Park 2023



**Global AI Summits,
Action Summit
Paris 2025**



**AI Action Summit /
Sommet pour l'action sur l'IA
AI Openness Report**



Opening the AI Action Summit in Paris, on 11 February 2025, which India Co-Chaired, Prime Minister Modi explained

“AI should be: Inclusive, Transparent and Trustworthy.”

He references open data sets, and open source systems recognising the need for access for all.



AI Impact Summit, February 2026, Delhi

<https://impact.indiaai.gov.in/home>



INDIA - AI IMPACT SUMMIT 2026

19th –20th
February 2026

New Delhi

The Road to the Indian AI Impact Summit

“Openness and Access for All”

Hyderabad, Bangalore, Mumbai, Delhi August 2025



openuk.uk/indianaisummit



Forbes

The Future For Open Source

Adrian Bridgwater Senior Contributor ◊

I track enterprise software application development & data management.

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Feb 6, 2023, 07:14am EST



CEO of OpenUK Amanda Brock has called for something of a reimaging of the collective mindset ... [+] OPENUK

Software develops. By its very nature, software applications and data services of every shape, size and sub-genre typically all move forwards through ongoing iterations and version

1100001111000000111101

Forbes

Busting small group mentality

We said at the start that software develops - and that includes open source software from a code content and programming point of view, but also from an engagement and organizational point of view.

Very much aware of the fact that open source is now firmly established within the realm of enterprise technology environments, CEO of OpenUK [Amanda Brock](#) has called for something of a reimaging of the collective mindset behind how we develop open technology as an industry... and perhaps, wider, as a planet.

“A challenge now posed [for us all] is that open source software development and maintenance has traditionally relied heavily on small groups of contributors with deep expertise. These small groups take care of projects, even as those projects become more critical to companies and users, so this technology is embedded in applications used by millions. This ubiquitous level of use means that - in order for that software to continue to be successful - the projects themselves end up being reliant on individuals who are not getting the levels of support that they need and deserve,” advised Brock.

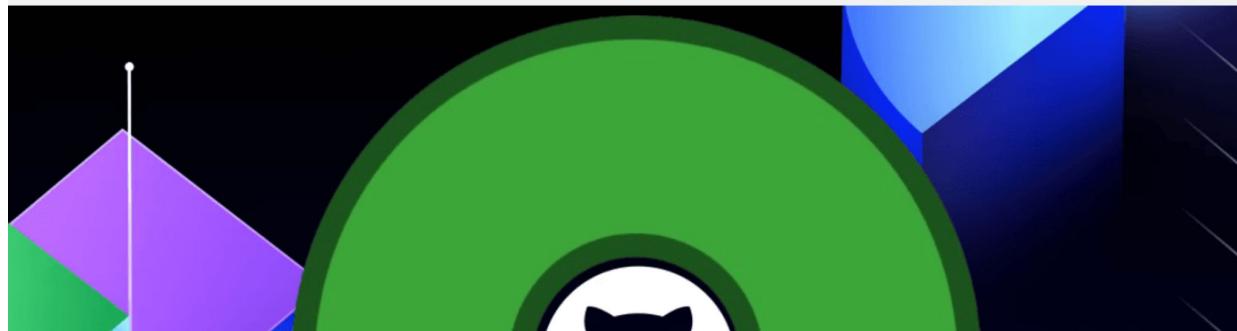
Today, we know that open source communities are looking for this imbalance to be rebalanced. Speaking from her own

Chronic underfunding of open source software poses strategic risk to Europe's digital sovereignty

A landmark GitHub-backed study outlines how a pan-European Sovereign Tech Fund could reduce security vulnerabilities, supply chain fragility, and dependence on foreign tech.



Cate Lawrence
25 July 2025



This article was published on **May 14, 2025**

ECOSYSTEMS

Europe must 'get real' on tech sovereignty and stay open, warns industry group

The CEO of OpenUK wants the EU to remember the importance of collaboration

May 14, 2025 - 4:32 pm

State of Open Con 26

Continue the conversation on AI Openness
3 and 4 February 2026, London

<https://stateofopencon.com/>





Thank you

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