Links für 2024 KW 25

Zusammengefasst von [LlongOrca](#).

Mathematicians Attempt to Glimpse Past the Big Bang:

Researchers have been studying the geometry of model space-times in an attempt to provide alternative views of the universe's first moments. The standard scientific story of the Big Bang, which occurred around 13.8 billion years ago, has been refined over time and is now believed to involve a brief period of extraordinarily fast expansion called inflation before settling into a lower gear. This study proposes that there might be a way to see beyond our universe by applying Einstein's general theory of relativity as far back in time as it can go. The researchers are investigating whether the onset of the Big Bang is more like a black hole's center or an event horizon, with the aim of clarifying our picture of the Big Bang singularity and possibly extending the model of the universe to times before the Big Bang.

AI is exhausting the power grid. Tech firms are seeking a miracle solution.:

Microsoft is investing in a fusion energy project to generate power from atomic fusion, in an attempt to transition to green energy for the tech giant's massive data centers. However, the increasing demand for electricity from artificial intelligence (AI) is driving an expansion of fossil fuel use and delaying the retirement of coal-fired plants. Tech companies are also exploring other clean-energy projects such as small nuclear reactors hooked to computing centers and geothermal energy. Although fusion has been a longstanding goal in the scientific community, there is skepticism whether it can be achieved within the decade, particularly given the technological challenges involved.

CutOffFacebook.md:

The article explains how to cripple Facebook's AI targeting, which will improve your psychosecurity. To begin the process, visit https://accountscenter.facebook.com/ads/audience_based_advertising on a desktop machine and follow the instructions provided in the article. This involves clicking on various elements within the Console tab of the developer tools and waiting for certain conditions to be met before moving on to the next step. The process takes some time, so the user is advised not to interact with the browser while it runs. Once completed, this will gradually unsubscribe you from all advertisers targeting you through Facebook.

Stimmung auf der Insel! – Musikverein Stadtkapelle Oberriexingen e.V.:

The bad news: the march through Oberriexingen has been cancelled due to rain 🌧. However, we will still have a march at 6 PM for the barrel tapping! The rain is supposed to stop at that time 🌦. So let's head to the island! After the barrel tapping, the Music Association Unterriexingen performs first, followed by the city band playing lively wind music with some new exciting numbers. There are no

experiments here, just pure fun! Who wants to stay at home? Let's go!

Ruby: a great language for shell scripts!:

This article discusses how Ruby is often overlooked due to its association with Rails framework and highlights the richness and completeness of the language. It argues that Ruby excels in writing shell scripts, especially when compared to Bash or Python. The author lists several features of Ruby that make it an attractive option for such use cases, including calling external commands, being a typed language, regex matching, easy threads, built-in file and dir operations, and more.

The manager's unbearable lack of endorphins:

The article discusses the author's personal journey from being an individual contributor in coding to becoming a manager and how they miss the satisfaction of seeing immediate progress in their work. The author compares this with the visceral feeling of competence gained from swimming and programming, which is notably absent from their new role as a manager. They also mention that it's important for managers to seek out and cherish satisfaction outside of work.

No title found:

The article appears to be an index or list of words and phrases found in the English language, along with their respective counts or occurrences based on a specific search method. Some examples include „bee" with 338 occurrences, „believe" with 317 occurrences, „besiege" with 3631538 occurrences, and „hegel" with 736 occurrences. The article also mentions various topics, proper nouns, and figures such as „Hobbs," „Ibo," „Leslie," „Melville," and „O'Brien." Overall, the article provides a collection of data on word counts in English language usage.

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visionOS thermally throttles based on how much it hears the fans in the mics:

The article discusses an idea for a cooling system that speeds up fans when they are not heard due to noise from the environment, providing additional headroom for cooling without bothering the user. This could be useful in VR devices where noise is an important factor.

NATIVE AMERICAN INDIAN STAR CHARTS by Roy Cook:

The article discusses Native American star charts and stories from various tribes across Southern California, including the Ipai-Tipai tribe, the Diegueño tribe, and the Lakota tribe. These stories describe how stars were formed in the sky, with legends involving coyotes, dogs, and other animals. The article highlights the importance of respecting these cultural narratives and the connection between tribal communities and the natural world around them.

Never* use Datagrams - Media over QUIC:

The article discusses the choice between using TCP (reliable delivery) or UDP (unreliable delivery) for network communications in application development. It argues that while unreliability is often considered a disadvantage, it can be beneficial when used correctly to achieve timeliness, such as in live video streaming protocols. The author recommends using QUIC, which supports datagrams, instead of directly using UDP for better control and more reliable connections.

This Is The First Animal Ever Found That Doesn't Need Oxygen to Survive:

Scientists have discovered a jellyfish-like parasite, Henneguya salminicola, that does not possess a mitochondrial genome and does not require oxygen to survive. This finding challenges the longstanding belief that multicellular organisms need oxygen to live. The absence of a mitochondrial genome indicates that H. salminicola has lost its capacity for aerobic respiration, which could have implications for understanding life and searching for extraterrestrial life forms.

Germany's autobahn bridges falling apart:

The Moseltal bridge in Germany was subjected to a test with 24 trucks weighing 960 tons in May 2024, as it showed severe signs of damage due to its age and heavy traffic loads. The test results are still being evaluated. As many as 5,000 bridges along Germany's autobahns are in poor condition, with more than half built before 1985. Federal Transport Minister Volker Wissing aims to complete around 400 bridges per year, but the process is slow due to complex planning and regulations. The bridge closure in Lüdenscheid has caused significant economic damage, leading to job losses and shrinking businesses.

A Study Says Warp Drives Might Be Real—and We'll Find Them With Lasers:

The article discusses the possibility of real warp drives for interstellar travel, inspired by a theoretical physics concept proposed by Miguel Alcubierre in 1994. It mentions the difficulties and limitations in using current technology to create such a drive, but also ponders whether gravitational waves produced from collapsing warp drives could be detected by laser-based detectors, like LIGO or LISA, potentially leading to the discovery of advanced alien civilizations using warp drives.

Asynchronous Consensus without Trusted Setup or Public-Key Cryptography:

This article presents a new asynchronous Byzantine consensus protocol that does not require a trusted setup or rely on public-key cryptography like digital signatures. The proposed Asynchronous Common Subset (ACS) protocol is based on cryptographic hash functions modeled as a random oracle and has $O(\kappa n^3)$ total communication and runs in expected $O(1)$ rounds. It is practical due to its minimal use of cryptography, small number of rounds, and post-quantum security. The authors implemented the protocol in a geo-distributed setting with up to 128 machines and found it more

efficient than the only other setup-free consensus protocol that has been implemented so far. In the process of developing this protocol, new primitives called asynchronous secret key sharing and cover gather are introduced.

LaserPecker Material Settings for Engraving Machines:

This article provides recommended settings for various LaserPecker models when engraving or cutting different materials. The settings include power, speed, and depth percentages for fill, picture, line engraving, and line cutting processes. These parameters are categorized by material type and intended use, such as wood, metal, paper, plastic, and glass. The article also includes additional tips for adjusting the settings based on individual needs and desired outcomes.

Routing & Network Namespaces - WireGuard:

The article discusses how WireGuard, a Linux network interface, integrates into the network namespace infrastructure. This enables administrators to have separate networking subsystems and choose which interfaces live in each. The article explains how to use WireGuard for ordinary containerization and routing all internet traffic via WireGuard using network namespaces. It also covers routing all internet traffic via WireGuard using network namespaces, which involves creating a „physical" network namespace for interfaces like eth0 or wlan0, moving them into it, and adding a WireGuard interface to the „physical" namespace.

PVM-4300:

The Sony PVM-4300, also known as the KX-45ED1 in Japan, is a large CRT tube TV produced in 1989. It was priced at approximately $27,000 in Japan and $40,000 in the United States in 1990. The PVM-4300 is an example of an „IDTV" (Improved Definition TV) that uses digital circuitry to deinterlace video signals for improved image clarity on large screens. It includes two RGB inputs, one for 15kHz (480i) signals and another for 31kHz (480p) signals. A similar 29-inch model, the KV-29ED1, was also released in Japan but lacked the 31kHz RGB input.

Alle Zeichen stehen auf einen grossen Krieg: Grosses Weltwoche-Interview von Verleger Roger Köppel mit Serbiens Präsidenten Aleksandar Vucic über die düsteren Zeiten der Gegenwart - Die Weltwoche:

The comments on Weltwoche.ch/Weltwoche.de aim to facilitate open debate among readers and promote fair and fact-based discussions. Using the comment function implies agreement with the guidelines, which include refraining from antisemitism, racism, calls for violence, offensive language, insulting other participants, comparing democratic figures to Nazis, spreading false information, excessive use of capital letters, comments unrelated to the article's topic, comment series, commercial comments, poorly written comments with incorrect grammar and punctuation, multiple external links, links to suspicious sites, or non-German language comments. Weltwoche Verlags AG is committed to free speech and handles comment publication liberally. The online editorial team reserves the right to not publish comments without giving a reason, and there is no recourse for

individual unpublished comments. The editorial team also has the right to make cuts or edits as needed.

Erster und einziger AfD-Landkreis fast pleite? Was wirklich dahinter steckt:

In der thüringischen Stadt Sonneberg wurde AfD-Politiker Robert Sesselmann im Juni 2023 zum ersten AfD-Landrat Deutschlands gewählt. Vor einem Jahr nach seiner Wahl hat er jedoch nur wenig erreicht, wie die Abschaffung des Euro und die Schließung der Kliniken. Die Schulen schließen, Straßen sind marod und es gibt finanzielle Engpässe. Der Landkreis ist finanziell am Abgrund und steht seit April im Haushaltskonsolidierungsprozess. Sesselmann hat auch nicht alle seine Wahlversprechen eingelöst, wie den Erhalt der Grundschule oder die Unterstützung für Flüchtlinge nur in Sachleistungen.

Fefes Blog:

In the first article, it is mentioned that the roads are deteriorating and being closed instead of repaired, a clinic is insolvent, and a school has to close in the AfD-controlled district. Furthermore, according to „Spiegel" information from January to June 2023, when a CDU man was still in office as Landrat, 74 asylum seekers and Ukrainians were accepted; however, under Sesselmann's control, the number increased to 134 within six months. While it is not fair to blame everything on AfD alone, they are also incompetent. The author expresses limited sympathy for those who vote for both CDU and AfD, as they have brought their predicament upon themselves.

Testing AMD's Bergamo: Zen 4c Spam:

This article discusses AMD's Bergamo chip, which focuses on increasing core counts beyond traditional scaling methods by using density-focused Zen 4c cores. The article also compares it to Intel's upcoming Sierra Forest and Ampere's server CPUs. The Bergamo chip uses a Zen 4c CCD with half the shared L3 cache of a Zen 4 CCX, allowing for higher core counts in the same area. Additionally, the article provides performance benchmarks and comparisons between Bergamo, Genoa-X, and Sapphire Rapids in terms of core-to-core latency, bandwidth, and memory performance. Overall, the article highlights AMD's strategy for increasing core counts in server CPUs and their potential for expansion.

Planetary Health Diet Index and risk of total and cause-specific mortality in three prospective cohorts:

The article discusses the creation and use of the Planetary Health Diet Index (PHDI) in assessing the relationship between dietary patterns and health outcomes, specifically focusing on three large prospective cohorts of adults in the United States. The PHDI, which ranges from 0 to 140, is a continuous measure that more accurately represents adherence to the EAT-Lancet reference diet. The study found that a higher PHDI score was associated with a lower risk of total and cause-specific mortality.

The devil is intelligence without love:

The article discusses the importance of placing love above intelligence in a society that often rewards effort with tangible results such as grades or career promotions. It argues that while intelligence can help solve problems or defend positions, it can also cause suffering if not guided by compassion and kindness. The author encourages people to prioritize love and compassion in their lives and strives to teach this value to his children through example and conversation.

This impossibly thin fabric could cool you down by 16-plus degrees:

This article discusses the development of a new textile that can keep its wearers up to 16 degrees cooler than other fabrics. Created by researchers from the University of Chicago, the textile uses a process called radiative cooling and reflects both solar and ambient heat. Potential applications for the material include clothing, buildings, cars, and food storage and shipping. The research team plans to collaborate with other teams to investigate the potential health benefits of the fabric for those exposed to extreme heat conditions.

Leak: EU interior ministers want to exempt themselves from chat control bulk scanning of private messages - EU Reporter:

This article discusses the European Union's (EU) controversial draft of the Child Sexual Abuse Regulation proposal, where EU interior ministers propose exempting certain accounts of staff from the envisaged scanning of chats and messages, as well as not applying the regulation to 'confidential information.' The EU governments reject the idea that the new EU Child Protection Centre should support them in the prevention of child sexual abuse. Critics argue that these measures threaten digital privacy, confidentiality, and the goal of child protection, instead advocating for scientific evaluation and implementation of multidisciplinary prevention programs.

What good are whizzy new drugs if the world can't afford them?:

The reality is that high drug prices are what incentivize companies to go through the process of creating/designing/trialing them. They will get cheaper with time as the techniques become commodities. The US should probably negotiate 'most favored nation' status so they get the lowest price offered among the OECD (maybe adjusted by national income per capita) such that there is less global free ridership - but even that probably won't do that much to shift the cost burden. We should also invest in lowering the costs of drug design & trialing so we can lower the risk premium and startup cost.

OWASP Juice Shop: Hacking A Modern Web Application:

This article focuses on hacking a realistic web application called Juice Shop, which features various OWASP Top Ten vulnerabilities and other security flaws. Created by Björn Kimminich and maintained

by several developers, the project is an excellent environment for web developers and penetration testers to practice their security skills. The article demonstrates a Cross-Site Scripting (XSS) attack on Juice Shop, highlighting the importance of input sanitization in web applications.

Festivals 2024 im Live-Stream: Konzerte kostenlos von zu Hause aus sehen:

The 2024 festival season is starting slowly but many festivals can be easily watched from home through live streams and television. Rock am Ring, Wacken, and others will be broadcasted on various channels and platforms. Most major music festivals offer live streaming services for fans who cannot attend in person. Tickets are available for purchase on the respective festival websites.

Climate Zones:

Climate scientists predict a global temperature increase of over 2 degrees celsius due to climate change. In an attempt to bridge the gap between climate and weather, German scientist Wladimir Köppen classified the world into five distinct climate zones: Arid, Tropical, Temperate, Cold, and Polar. These zones are further divided into subcategories, forming 30 unique subclassifications that make up the Köppen Climate Classification (KCC).

A study by climatologist Hylke Beck used projected data from climate models and KCC to predict how cities' climate will change by 2070. Some examples include Los Angeles moving from a Temperate classification to Arid, resembling New Delhi; Scandinavia and Northern Europe transitioning from Cold to Temperate climates; and the Tropical and Arid classifications absorbing most of the now-Temperate cities. Moscow will be the only remaining city in the Cold classification by 2070.

This article encourages users to explore how their city's climate will change and become more similar to that of other cities through an interactive tool on the website.

LLM101n: Let's build a Storyteller:

The provided information is about an AI Large Language Model (LLM) course on GitHub by karpathy, which aims to teach individuals how to build a Storyteller AI model. The course covers various aspects of AI and LLM development, such as language modeling, machine learning, optimization, and more. The course is structured with a syllabus and appendix, detailing different topics to be covered in the process.

SVG: The Good, the Bad and the Ugly | Eisfunke:

SVG (Scalable Vector Graphics) is a format for vector graphics that has both advantages and disadvantages. It is well-supported by various programs like Adobe Illustrator and Inkscape, and can be used directly in websites with CSS. However, it is also bloated, complex, and has an XML-based syntax which makes it difficult to implement. A suggestion to improve SVG would be developing a simple vector graphics exchange format that is easily processed by machines like JSON-based, allowing for faster implementations and better user experiences.

Internet Archive forced to remove 500,000 books after publishers' court win:

The Internet Archive (IA) recently lost over 500,000 titles following a lawsuit by book publishers. These publishers forced takedowns, causing a „devastating loss" for readers who rely on the IA to access books that are otherwise inaccessible or difficult to acquire. In response, IA is appealing the decision and arguing that its controlled digital lending of physical books should be considered fair use under copyright law. The outcome of this case could have far-reaching implications for libraries and their ability to provide equal access to knowledge and information.

My Windows Computer Just Doesn't Feel Like Mine Anymore:

This article discusses the author's dissatisfaction with Windows 10 and how it feels more commercial and less personal than previous versions of the operating system. The author cites advertising integration, frequent updates causing issues, intrusive changes to settings, and a lack of control as reasons for this feeling. Comparing this with macOS and Linux, the article concludes by expressing hope that there will be a version of Windows in the future where users can have more control over their operating system and avoid Microsoft's increasing monetization efforts.

Meinung: Softwareentwicklung ist keine Kunst:

The article discusses whether software development and computer science are more of an art or engineering discipline. It highlights the work of Donald E. Knuth, an American computer scientist who has dedicated decades to creating „The Art of Computer Programming," a comprehensive work in computer programming. The author presents the contrast between the aesthetic aspect of code and the pragmatic aspect of solving problems with software. They also touch upon the challenges faced by developers, such as balancing artistic values with business needs. In conclusion, the article suggests that finding a balance between these two extremes would result in better software development practices.

Fefes Blog:

The current „AI" generation offers lock deals that are not even close to cost-covering. Slowly, people start to realize it: Amazon is charging a monthly fee for advanced Alexa services. Money must come back somehow!1!!

What good are whizzy new drugs if the world can't afford them?:

In recent years, biotechnology and pharmaceutical science have made significant advancements in gene therapies for rare conditions and obesity drugs. These treatments could greatly improve health, but there are cost challenges involved that need to be addressed by policymakers and companies. Currently, 17 single-dose gene therapies have been approved in the US, with more than 80 expected by 2032. These therapies target serious or fatal conditions such as spinal muscular atrophy and

sickle-cell disease.

Why SMBs Don't Deploy Single Sign On (SSO) | CISA:

In CISA's Secure by Design whitepaper, Dr. Olga Livingston and Bob Lord urge software manufacturers to consider how their business practices may inadvertently reduce security postures for customers. They recommend essential security features should be part of basic service offerings without additional fees or hidden surcharges. The article highlights that the single sign-on (SSO) capability should be available by default and not charged as a premium. Small and medium sized businesses (SMBs) have differing perspectives on SSO, with some seeing it as a value-add to security posture and others disagreeing about the operational improvements SSO can offer. CISA conducted focus groups with SMBs to learn more about their understanding of SSO, its benefits, user experiences in implementing and maintaining SSO, and barriers faced when adopting an SSO program. Key findings include small enterprises opting for manual passwords over SSO, lack of technical know-how and awareness as a significant barrier to adoption, varying degrees of satisfaction with support materials, and the need for improvements in user experience, service offering structure, feature awareness, and requisite technical guidelines.

Advanced text features and PDF:

The basic text model of PDF faces challenges due to its design based on custom encoding and limited glyph support. To work with modern text requirements, there are four ways to represent text and letters: source text (UTF-8), Unicode codepoints, glyph IDs, and actual text (UTF-16BE). However, issues arise when needing both horizontal and vertical kerning or working with alternate forms like ligatures and small caps. Solutions for handling these challenges include using text-to-path drawing operations, rendering each glyph as a separate text object, or leveraging shaping engines like Harfbuzz for glyph substitution. The responsibility of managing this complexity falls on the client application, not the PDF library itself.

$72,000 migrant smuggling routes to the US start with charter flights:

The article discusses the emergence of new migrant smuggling routes, particularly those involving charter flights. These smuggling routes, which cost up to $72,000, originate in countries such as India and have become increasingly popular in recent months. The article mentions specific incidents and cases involving failed attempts at illegal immigration through these routes, as well as the reactions and consequences faced by those involved. It also highlights the actions taken by governments and airlines in response to these smuggling operations.

Why Innovation Heroes are a Sign of a Dysfunctional Organization:

The article discusses the importance of having an innovation doctrine in organizations to drive rapid deployment of new capabilities, especially during times of crisis or disruption. It explains that in traditional organizational structures, emphasis is placed on process and execution, often causing a lack of space for unconventional ideas. An innovation doctrine should outline strategies and

processes, describing the role of innovation leaders, all focused on rapid deployment of new capabilities. Without an innovation doctrine, organizations risk being outpaced by competitors or adversaries.

BU-808: How to Prolong Lithium-based Batteries:

The article discusses the focus on lithium chemistries in battery research and the superiority of lithium-ion batteries over other chemistries due to their longevity, safety, and increasing capacity. Lithium-ion batteries are still improving with advancements in these areas, but there is still room for growth. In terms of applications, lithium-ion batteries are encroaching into markets previously held by lead acid, such as standby and load leveling. Many satellites also rely on Li-ion batteries. While the technology has not yet fully matured, it is still improving with a focus on prolonging battery life and optimizing energy delivery. The article highlights factors that contribute to lithium-ion battery aging, such as temperature, depth of discharge, charging voltage, and loading protocols. It suggests that lower charge voltages prolong battery life, while higher voltages reduce cycle count but increase capacity. The article also discusses the importance of considering environmental conditions in determining a battery's longevity.

Fefes Blog:

The EU's „chat control" negotiations have failed due to resistance from Germany. Chat control was a term used for the European Union's attempt to covertly monitor encrypted communication during the EM, using child abuse as an excuse. FDP-Justice Minister Marco Buschmann stated that Germany is particularly sensitive about protecting privacy after experiencing two dictatorships that disregarded privacy rights. The EU law was rejected by Germany, and it is unlikely to be reintroduced soon.

Mozilla is an advertising company now:

Mozilla has acquired Anonym, a privacy-focused advertising company, to further enhance its advertising solutions. The acquisition aligns with Mozilla's focus on privacy and effective advertising, working towards a sustainable free internet. Anonym, founded by former Facebook executives Brad Smallwood and Graham Mudd in 2022, was backed by several notable investors.

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june-va:

This article discusses the local voice chatbot, „june", which uses Ollama, Hugging Face Transformers, and Coqui TTS Toolkit for language model capabilities, speech recognition, and text-to-speech synthesis, respectively. It is a privacy-focused solution for voice-assisted interactions on your local machine, ensuring no data is sent to external servers.

How Babies and Young Children Learn to Understand Language:

The article discusses how children learn language and its evolution. It debunks the idea of „ontogeny recapitulates phylogeny" and argues that there are two main interests in the topic: whether language acquisition is due to specialized mental processes or learned through general-purpose processes, and if it's possible to project current language acquisition processes into prehistoric times. The article explores how infants learn language by using „transitional probabilities" (TPs) between syllables to identify words within a continuous sound stream. After around four years of age, most children have acquired more than 1,000 words and the rules for combining them.

Walking to combat back pain: world-first study shows dramatic improvement:

A study from Macquarie University's Spinal Pain Research Group has found that adults with a history of low back pain lasted nearly twice as long without a recurrence if they walked regularly. The research has the potential to change the way low back pain is managed, making effective interventions accessible to more people than ever before. About four million Australians and 800 million people worldwide have low back pain, which is a leading cause of disability and reduced quality of life. The WalkBack trial examined whether a program of walking combined with education could be effective in preventing recurrences of low back pain. It found that adults who participated in the walking program had fewer occurrences of activity-limiting pain compared to the control group, and a longer average period before they had a recurrence. The cost-effective intervention also reduced participants' need for healthcare support and time taken off work by approximately half.

Women can have short hair, too | Victoria Smith | The Critic Magazine:

This article criticizes pseudo-progressives for perpetuating gender stereotypes and focusing on trivial external changes to define one's sex or gender identity. The author argues that true progressive ideals should focus on rejecting rigid feminine standards and promoting free expression, rather than becoming overly concerned with adhering to strict guidelines of what it means to be a woman. The article highlights the importance of recognizing one's sex as constant and not changing based on external factors such as clothing or hairstyles.

Falkirk Wheel – Wikipedia:

The Falkirk Wheel is a unique modern boat lift located near the Scottish town of Falkirk, known for its distinctive design resembling a giant wheel. It was built as part of the Millennium Link project to revitalize the Forth and Clyde Canal and the Union Canal in central Scotland. The original canal system consisted of eleven locks which were replaced by the Falkirk Wheel, allowing boats to be transported between the two canals with minimal water loss. The wheel has a diameter of over 35 meters, and its construction required an investment of £17 million. It has since become a popular tourist attraction for visitors interested in learning about Scottish history and canal systems, as well as offering opportunities for boat tours and other recreational activities.

Sicherheitslücke in kommunaler Verwaltungs-Webseite öffnet Datenleck in BundID:

In a recent discovery, IT security expert Lilith Wittmann exposed serious issues in Germany's federal

administration IT systems. The BundID, which will soon be renamed GermanyID, has been found to often lack services compatible with it. This comes on top of newly discovered security loopholes in the existing capabilities. These vulnerabilities were found in OpenR@thaus software from ITEBO Osnabrück, used by hundreds of German municipalities.

The issues stemmed from a mistake made when implementing Security Assertion Markup Language (SAML), an authentication protocol used by BundID. Wittmann demonstrated how such a vulnerability could expose all the data within the BundID system if exploited. The error was fixed in less than 24 hours after it was publicly reported on Twitter.

However, another flaw was discovered shortly after this, which has led to all local services using OpenR@thaus being taken offline. This issue is believed to stem from an unaddressed vulnerability in the open-source CMS software Liferay that has been used by OpenR@thaus for eight years.

Wittmann is critical of the overall idea of BundID/GermanyID, advocating for the use of physical identity cards such as personal identification documents to verify users online. She made headlines in 2021 when she discovered a weakness in the CDU's connect-app.

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meincongstar - Kundencenter | congstar:

The congstar app allows you to stay logged in and have quick access to all your information. Invite friends with more details available on the app.

Many people don't pay full price for their news subscription. Most don't want to pay anything at all:

News publishers have struggled to make money in the digital era, as ad revenue has been diverted to Big Tech and print advertising declines. To address this issue, many have focused on increasing subscriber numbers by offering low trial prices. However, a study found that 41% of online news subscribers were paying less than full price for their subscription across 20 countries. While successful for some major publishers, the reliance on rock-bottom trial prices raises questions about its long-term sustainability and potential churn in subscriber numbers. The „reader revenue" model has shown promise among smaller niche publications on platforms like Substack, indicating alternative business models could be viable for news organizations.

Schrankbetten 180x200:

The article lists various products with prices and delivery times for each product. The prices range from €999 to €2529, with delivery times varying from 3 weeks to 7 weeks. Some of the products include box beds, sofa beds, wardrobes, chest beds, and other furniture items.

Potatoes Are the Perfect Vegetable—but You're Eating Them Wrong:

In 1996, the United States hit peak potato consumption with each person eating 64 pounds per year;

however, since then, consumption has decreased to an all-time low of 45 pounds per year in 2019. The drop in fresh potato consumption has been particularly significant, with frozen potatoes now consumed more than fresh potatoes for the first time. Potato fields are facing challenges as dietary guidelines may change to declassify potatoes as a vegetable. Despite being nutrient-dense and rich in vitamin C, potassium, and fiber, the potato has become synonymous with unhealthy foods like french fries, hash browns, and waffles.

France wants to remind you of Russia's threat to democracy:

A report by France's computer emergency response team (CERT-FR) has highlighted the latest tricks used by Nobelium, a Russian intelligence-linked cyber crew responsible for the major supply chain attack on SolarWinds in 2021. The group mainly focuses on espionage and targets email accounts of diplomatic staff, their institutions, embassies, and consulates using phishing emails from previously compromised foreign institutions. While Nobelium has not carried out a significant attack on the French government since 2022, there is concern about potential Russian aggression as France prepares for its election period and hosts the Olympic and Paralympic Games.

Tetris Font:

The Tetris Font is a typeface created by combining each letter and digit with exactly one of the Tetris pieces: (I), (J), (L), (O), (S), (T), and (Z). This design was found manually, aided by BurrTools software. Each letter is constructed by stacking these pieces in an order that supports previous pieces as in the game of Tetris. The font also includes rotations and can be animated for puzzle-solving purposes. The creator acknowledges the collaboration with Alex Streif and Kate Jones of Kadon Enterprises, who previously designed polyomino fonts.

Let's write a video game from scratch like it's 1987:

In a previous article, the author had created a simple GUI application using X11 without any libraries by talking directly over a socket. In another article, they did the same with Wayland in C, displaying a static image. Now, they aim to create a full-fledged GUI application: Minesweeper. The goal is to make an efficient and small application that can run on various Unix systems without any libraries or external dependencies.

The process involves authentication using the X authentication protocol, opening a window, loading assets, implementing game entities, reacting to keyboard and mouse events, and handling game logic to uncover cells. The author uses the Odin programming language for this project due to its simplicity and features like embedded image files for easy distribution and startup.

The result is a statically linked executable that requires no libraries and uses a constant amount of resident heap memory. It's significantly smaller than Microsoft's Minesweeper application, with only a few hundred lines of code. This approach allows the application to be tiny and standalone, easily compiled and copied around different machines running the same OS/architecture.

The author provides detailed explanations for each step in creating the game using X11 protocol and Odin language, including parsing authentication entries, opening sockets, sending handshakes with

tokens, creating graphical contexts and windows, loading and converting image data, responding to events, implementing game logic, and rendering scenes. The full code is also provided at the end of the article.

calculatingempires.net:

TODO

No title found:

The Macintosh, released in 1984, featured a high-resolution consumer-grade computer with a square-pixel black and white display at 72 dots per inch. A key aspect of the visual vocabulary of the Macintosh is the use of dithered images. Dithering algorithms like Floyd-Steinberg dithering and Atkinson dithering utilize a small palette to represent a larger one, simulating grayscale images. These techniques allow for better image rendering on computers with limited color palettes.

Licensing teams will target unwitting Oracle Java users:

Software licensing specialist House of Brick claims that organizations using Java, even if not considered Oracle customers, can expect a call from the company about their Java use within three to nine months. Oracle has been tracking product downloads and matching IP addresses to organizations for possible non-compliant Java SE usage. The company introduced two new licensing models for its commercial Java platform in April 2019, leading to increased scrutiny on organizations' Java usage. Organizations should be cautious when considering Oracle's offer to overlook earlier unlicensed software if they agree to sign up to the new subscription model, as users with legacy agreements face significant cost increases moving to the new terms.

'Exhausting': Author finds another's name on an Elsevier book chapter she wrote:

Ina Vandebroek, an ethnobotanist and senior research fellow at the University of the West Indies, discovered that her chapter from the 2017 edition of Pharmacognosy was still present in the 2023 update, now credited to another author. She declined to revise her chapter for the new edition but assumed it would be omitted. Elsevier's publisher acknowledged the mistake and said miscrediting occurred in other chapters as well, promising to communicate with affected authors about corrections. Vandebroek demanded that Elsevier stop distributing the textbook containing the plagiarized chapter, but a spokesperson for the company stated it was an error during production and not the responsibility of the volume editor. They assured that corrections would be made to credit original authors along with revising authors when appropriate. Vandebroek expressed concern about the contributor agreement's stipulations and its potential vulnerability for similar situations in future editions.

Fefes Blog:

The article discusses various statements made during the Potsdam Security Conference and provides a summary of some key points. BSI-Chefin Plattner mentioned that she loves checklists but they won't save them, suggesting that more automation is needed. This has led to an increase in pressure on customers as more patches are released. The author disagrees with the positive perception of patches, considering them proof of a vendor's failure. Regarding KI (Artificial Intelligence), it is clarified that it does not help attackers but rather defenders need to adopt AI at the same pace. The article also criticizes Rohde & Schwarz for being demonstratively rude during a panel discussion and mentions Telekom's involvement in shady practices. Finally, the author expresses skepticism about ZITIS' projects and mobile quantum computers while praising BKA-Chef's ability to balance communication of crises with assurance that everything is under control.

Fefes Blog:

The article discusses a warning from BSI regarding unpatched Exchange servers and highlights the challenges companies face in keeping their systems up-to-date due to Microsoft's licensing policies, frequent updates, and issues with patch installation. The author argues that Microsoft is pushing customers towards its cloud services and suggests that BSI should defend customers against Microsoft instead of advocating for managed services. The article also mentions the potential costs associated with unpatched Exchange servers, such as ransomware attacks targeting both the company and innocent third parties.

Fefes Blog:

In the article, the author expresses frustration with the idea that Germany is held back by regulations, pointing out that various countries have had nuclear accidents in the past. The author argues that regulations protect lives and should not be considered a bad thing. They also criticize the misleading use of terms like „Data Protection" instead of „Personal Data Protection." In conclusion, the author supports regulation, especially regarding Artificial Intelligence (AI) development, and believes that the AI Act seems to be a failed attempt despite its good intentions.

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coloring:

TODO

The 30-meter pass in the Pyrenees through which millions of insects migrate:

Scientists from the University of Exeter have confirmed a massive migration of millions of insects through a pass measuring just 30 meters in the Pyrenees mountains, on the border between Spain and France. Over 17 million arthropods cross every year through Bujaruelo pass, which is the easiest route for flying insects as they travel through the high Pyrenees. The study suggests that billions of insects cross the Pyrenees each year, making the mountain range a key location for many migratory species. These small migratory insects play an important role in pollination and transferring nutrients, highlighting their vital importance to the planet.

Qualcomm AI/Copilot PCs don't live up to the hype:

SemiAccurate has expressed concerns about Qualcomm's new AI/Copilot PCs, stating that their actions point to a far murkier picture than the hype suggests. The product launches have been criticized for hiding potential issues with x86 emulation compatibility and lack of independent testing on the silicon. Additionally, security concerns have arisen due to Pluton's inability to be made safe, as it can be hacked or have code intentionally pushed to it that blows through any system security. The article also discusses a lack of disclosure from Qualcomm and a locked bootloader, which gives Microsoft control over the device without user knowledge or consent.

Lessons Learned from Scaling to Multi-Terabyte Datasets:

This post provides guidance on scaling multi-terabyte datasets by leveraging tools such as Joblib and GNU Parallel for single-machine scaling and utilizing solutions like AWS Batch, Dask, and Spark when scaling beyond a single machine. The main focus is on optimizing algorithms before scaling up and actively exploring new tools to improve performance and cost-effectiveness in handling large datasets.

Inside 22,734 Steam games | daniel.haxx.se:

The article discusses the use of curl in video games and mentions that over one hundred games have decided to use it. It then introduces SteamDB, a third-party site that extracts data on which SDKs are used by Steam games. According to their list, 22,734 out of 91,559 titles in their database were identified as using curl, accounting for 24.8% of the total games.

EU Council has withdrawn the vote on Chat Control:

The EU Council has decided to withdraw its vote on the Chat Control plan proposed by Belgium, which aimed at monitoring all chat messages and other forms of digital communication among citizens. The proposal faced criticism for potentially generating numerous false positives and undermining encryption. With the vote withdrawn, the legislative process faces uncertainty as the European Commission and European Parliament continue to deliberate on the best way forward. The discussions will resume after the summer, once Hungary assumes the Council presidency from Belgium in July.

Effectiveness and cost-effectiveness of an individualised, progressive walking and education intervention for the prevention of low back pain recurrence in Australia (WalkBack): a randomised controlled trial:

In a randomized controlled trial, an individualized, progressive walking and education intervention was found to significantly reduce the risk of recurrence of low back pain in adults who were not previously engaging in regular physical activity. The intervention involved six sessions with a physiotherapist acting as a health coach, encouraging participants to engage in a walking program

and providing education on managing low back pain. The study demonstrated that this intervention could reduce the personal and societal burden due to low back pain, potentially offering a low-cost and accessible strategy for prevention.

However, the intervention did not result in a sustained increase in walking volume beyond the first 3 months, and the exact mechanisms by which it had its effect are unclear. Future research should assess the implementation of this intervention, the effect of alternative forms of exercise, and the relative importance of walking and education components.

Attention Required! | Cloudflare:

This article discusses a security issue where users might be blocked from accessing certain websites that use Cloudflare for protection. The blockage may occur due to suspicious activities such as submitting specific words or phrases, SQL commands, or malformed data. Users who encounter this error can email the site owner, mentioning their actions when the block happened and including the Cloudflare Ray ID found at the bottom of the page.

Austria Aims to Curb Crashes With Crackdown on 'Super-Speeders':

Austria has introduced a new law to combat reckless driving, targeting those who exceed the speed limit by 60 km/h or more. Offenders have their vehicles confiscated and sold by the government, with cars impounded immediately upon police interception. This policy aims to reduce road fatalities, which have risen over the past four years.

Nobody Knows What's Going On:

This article discusses the prevalence of misinformation and bad inferences in people's beliefs and worldviews. It argues that most of a person's knowledge is second-hand and comes from sources such as newspapers, books, blogs, and social media. The author claims that the majority of this information is incorrect or based on incomplete understanding of subjects. People tend to be more credulous when reading about topics they are less familiar with, leading to the Gell-Mann Amnesia effect where people question the reliability of information in one area but not another. The article emphasizes the importance of careful scrutiny and comparison of high-quality second-hand sources to acquire reliable knowledge.

What is a Personal User Manual?:

The perception that people can only create and sustain culture when working together in person is not true, according to data from the Future Forum Pulse. Remote and hybrid employees score higher than full-time office workers on all elements of employee experience, including culture-adjacent measures such as sense of belonging at work and value of relationships with coworkers. As companies adopt more flexible work models, leaders have an opportunity to build in intentional ways to foster trust and connection, which are key ingredients of company culture. One way to do this is through creating and sharing Personal User Manuals (also known as Personal Operating Manuals).

These short descriptions of employees' backgrounds, values, and communication styles help teams better understand each other, reducing frustrations or misunderstandings early on and fostering trust between colleagues.

Protecting Children's Safety Requires End-to-End Encryption:

The Belgian Presidency is pushing for the implementation of client-side scanning on encrypted messaging services, rebranding it as „upload moderation". Their latest proposal mandates that providers of private communication services obtain user consent for AI-based scanning of their private chats. Privacy critics argue that invasive monitoring of private communications would create detrimental risks and could enable mass surveillance, undermining end-to-end encryption and potentially exposing millions of private family photos to hackers and criminals seeking to exploit users' data. Instead of eroding privacy protections, it is essential to focus on high standards for encryption and data control and empower users with tools that protect their data without compromising safety.

Client-Side-Scanning: Chat Control is Pure Surveillance State:

The article discusses chat control, a proposed system that would require all messages on messaging apps to be checked by the state before being sent, essentially bypassing end-to-end encryption. Critics argue that this would lead to massive surveillance and erode privacy protections for millions. It also notes that the EU Commissioner for Home Affairs, Ylva Johansson, claims that the envelope (end-to-end encryption) would not be opened, but privacy advocates argue that this is a shabby attempt to deceive people. The article highlights that chat control is a direct attack on end-to-end encryption and could have global implications if the EU were to adopt it.

Shadow of the Erdtree has ground me into dust, which is why I recommend it:

Elden Ring's expansion, Shadow of the Erdtree, is a challenging experience that tests players who have already conquered the base game. The DLC offers more difficult enemies and dungeons, with some requiring strategic knowledge from the main game to overcome. However, this challenge is part of its appeal for longtime Souls fans, as it presents an opportunity to test their skills against a new set of challenges. Players who are considering purchasing Shadow of the Erdtree should be prepared and familiar with the base game mechanics before diving into the expansion.

Supermassive black hole roars to life as astronomers watch in real time:

Astronomers have observed a long-quiet galaxy, SDSS1335+0728, located 300 million light-years away, suddenly come alive and emit ultraviolet, optical, and infrared light into space in December 2019. By February of this year, the galaxy began emitting X-ray light, indicating it is becoming more active. It is believed to be an active galactic nucleus (AGN), which gets its energy from supermassive black holes at the galaxy's center and/or from the black hole's spin. Researchers used archival data and observations from various instruments to better understand this event, which has brightened the constellation Virgo after decades of quietude. The authors suggest that the awakening could be due

to an AGN or a rare tidal disruption event (TDE).

When did humans start social knowledge accumulation?:

A new study suggests that the ability for humans to develop a cumulative culture, where new technologies are built upon past knowledge, emerged around 600,000 years ago. This coincides with the time when our ancestors and Neanderthals separated evolutionarily. The researchers analyzed stone toolmaking, focusing on the complexity of tools, to determine the shift from teaching simple toolmaking techniques to building upon knowledge for more intricate designs. The development of sophisticated tools indicates a key change in human technology where cumulative culture played a crucial role.

Ape Labs Maxi V1 & V2 Battery Pack:

This article is about the Ape Labs LightCan - Batterypack, a battery pack with a 12 V output and 4500 mAh capacity that is suitable for the ApeLight Maxi V1 & V2 devices. The product also includes a 30-day money-back guarantee and is available for purchase as of May 2023. Additionally, there are comparisons to other battery packs such as Stairville Ambi Tube and Thomann Stage TRI LED Rain Cover.

Ape Labs Connect Grey:

The article is about Ape Labs Connect, a wireless DMX system that allows users to control Ape Labs products via smartphone or KNX. It has features such as two-way communication between the sender and receiver, an integrated battery with up to 50 hours of runtime per charge, parallel operation of up to four Connect devices, and the ability to control up to four DMX universes. The article also highlights that Ape Labs is a company specializing in developing battery-based LED spotlights with a focus on quality and affordability.

NiMH-Akku: Erklärung, Lebensdauer, Regeneration | StudySmarter:

The NiMH (Nickel-Metal Hydride) battery is a type of rechargeable battery commonly used in everyday life due to its high energy density and low cost. It serves as an alternative to alkaline primary elements and nickel-cadmium batteries, being utilized in small flashlights, toys, cameras, and power tools. NiMH batteries consist of individual cells containing positive and negative electrodes. The positive electrode is made from nickel oxide hydroxide as an active material, while the negative electrode consists of a metal alloy capable of adsorbing hydrogen. Between these electrodes, there's a 20% potassium hydroxide (KOH) solution with a pH level of 14 acting as an electrolyte. A separator is needed to prevent any short circuits.

The battery functions by allowing protons to move between the two electrodes in order to maintain electrical neutrality during the charging and discharging processes. When discharging, hydrogen protons separate from the metal hydride electrode, creating water molecules and producing free electrons that flow over an external circuit towards the positive electrode. This causes nickel oxide

hydroxide at the positive electrode to be reduced to nickel(II) hydroxide. Meanwhile, a hydroxide ion is produced.

In the charging process, when an electric potential is applied to the NiMH battery for charging purposes, water is dissociated into protons and hydroxide ions at the negative electrode. These hydroxide ions move through the electrolyte towards the positive electrode where they react with nickel(II) hydroxide to produce nickel oxide hydroxide. This process creates water molecules and an electron that is conducted over an external circuit towards the metal hydride electrode, reducing protons back to water. Now, the stored hydrogen atoms are in the form of metal hydride.

Effective charging involves limiting overcharging, avoiding excessive temperature changes, and preventing self-discharge. The redox reaction can be simplified as follows: $Ni(OH)_2 + M \rightarrow NiO(OH) + H_2O + e^-$. When a battery is deeply discharged, it undergoes deep discharge, which damages the battery and renders it unusable. This occurs due to self-discharge, wherein a battery that's not connected or used experiences a reduction in its active material through side reactions within the electrodes or microshorts caused by a damaged separator.

Deep discharge phases include: Phase 1 - The positive electrode's active material is fully depleted, and water hydrogen gas forms at this electrode. Phase 2 - When further discharging occurs, the negative electrode's active material is also depleted, prompting it to start adsorbing oxygen.

NiMH batteries have a safety valve that opens when the cell's internal pressure becomes too high to prevent an explosion. In deep discharge, water hydrogen within the cell decreases as more hydrogen escapes through the safety valve. The overcharging process begins when the positive electrode has reached its full capacity and cannot combine with further hydroxide ions from the electrolyte to produce oxygen. This is called the „memory effect" and can be countered by regenerating the battery.

Regeneration involves discharging the battery until it reaches its lowest voltage, then charging it back to its full capacity multiple times. NiMH batteries have a long expected lifespan of around 500-1000 charge cycles if properly cared for. However, they are not suitable for applications requiring long periods between charges because of their self-discharge tendency.

Ape Labs ApeLight maxi V2 (B) TP 6 SB G:

The article introduces the Ape Labs ApeLight maxi V2 (B) Set 2 C, a lighting product with a set of features including built-in NiMH battery for up to 14 hours of operation, IP65 waterproof rating, and various interchangeable optics. It also mentions the universal softbag for easy transport and storage. The article compares it to other similar products in terms of price and features.

Microsoft legt Windows Mail und Kalender lahm:

Microsoft plans to start disabling features in Windows Mail and Calendar from mid-July, urging users to switch to the new Outlook. The announcement was made in the Microsoft 365 Admin Center. This is part of Microsoft's plan to replace the outdated Outlook clients with a newer Progressive Web App. Older versions of Outlook for Android, iOS, macOS, and Windows will be affected.

Organizations using vanity domains can expect limited functionality in Outlook for Android before

4.2342, Outlook for iOS before 4.2411, Outlook for Mac before 16.73, and Windows Mail and Calendar. Microsoft recommends users update to the new Outlook for Windows and the latest versions of Outlook for Android, iOS, and macOS.

Exact limitations are not specified; media reports suggest that mail sending and receiving functionality will be disabled. The disabling process is set to start mid-July and end by the end of September 2024. Microsoft previously announced plans to replace Mail and Calendar apps with a new Outlook in August last year [1].

Microsoft's Edge Legacy, Microsoft Edge up to version 79, Google Chrome up to version 79, Safari up to version 13.1, Mozilla Firefox up to version 78, and Opera up to version 76 will be blocked from accessing Outlook Web access by mid-August. This rollout is set to start in August and end in October 2024.

Lastly, Microsoft plans to make it more difficult for users to revert back to the classic Outlook after testing the new Outlook, by removing the classic Outlook option from the title bar in the software.

Revengate:

The article introduces a browser-based game set in an alternate mid-19th century Lyon, where players take on the role of an investigator for Lux Co. organization. Players will meet locals, explore mysteries through role-playing and dungeon exploration, and use quirky items to overcome challenges. The game is experimental and may have some issues or compatibility with certain devices. Controls and features are inspired by traditional roguelikes, Pixel Dungeon, and Godot Game Engine.

Teachers: Inclusion is the worst thing to have happened to education:

The author discusses the challenges faced by teachers in inclusive classrooms, where students with varying abilities and backgrounds are taught together. They share their personal experiences with such a classroom, including dealing with students who are new to the country, lack English proficiency, or have different literacy levels in their native language. The author also touches on the importance of understanding concepts over just getting the „right" answer in math education. This leads to a discussion about the push for equitable math instruction in California and the potential impact it may have on teaching practices. It is emphasized that exclusion is necessary in education, such as when dealing with disruptive students, and that there should be a balance between challenging and supporting students of varying abilities. The author also suggests that smaller classes and restructured teaching could help address these issues but acknowledges that societal changes are needed to make this possible.

Blocked:

The article discusses a network policy that has blocked a request for browsing or accessing content. To regain access, the user is advised to log in or create an account. For developers, they are asked to register with their credentials and provide a unique User-Agent string when running scripts or applications. If the block persists, users can file a ticket by providing their IP address

(185.232.69.199) and Reddit account information.

Grief is not a process with five stages. It is shattered glass | Psyche Ideas:

The article discusses the author's experience with grief as a metaphor for shattered glass, which symbolizes the unpredictability and ongoing nature of grieving. Grief is described as something that can catch you off guard, similar to finding broken glass in unexpected places. The author acknowledges that this metaphor might not resonate with everyone but finds it helpful in understanding their own experience of grief. The article also highlights the limitations of using Kübler-Ross' five stages of grief as a literal description and emphasizes the importance of using metaphors to convey experiences, rather than trying to control or understand them.

Tarif-Neuigkeit: Erste unlimitierte Datenflat bei Drillisch:

In the past 12 days, Drillisch has launched a new tariff called sim24 with an unlimited data volume. The idea for the tariff is not from Drillisch but rather from Telefónica-o2, which introduced the o2 Mobile Unlimited On Demand in March, offering limited data volumes that can be topped up with free high-speed data chunks. Both tariffs follow a similar structure and have some differences, such as the amount of data provided per month and the speed cap. Drillisch's unlimited tariff is currently available only for sim24 and has an affordable price compared to o2's plan. The unlimited tariff comes with a mechanism that requires users to manually recharge their 2 GB data allowance, which might help providers manage the amount of monthly consumed data volume. However, it remains uncertain if this tariff will continue at the same price and conditions after Drillisch's switch from National Roaming to Vodafone's network.

Electricity prices in France turn negative as renewable energy floods the grid:

French electricity prices turned negative due to a drop in demand and increased renewable energy production. As a result, some nuclear reactors were powered down during periods of low demand. The grid operator requested that Electricite de France SA take several nuclear plants offline. This situation is becoming more common on weekends in France, which relies heavily on its atomic fleet for electricity. Some renewables producers may also have to reduce generation to avoid paying a fee during negative prices.

Nature retracts highly cited 2002 paper that claimed adult stem cells could become any type of cell:

A 2002 paper from Catherine Verfaillie's lab, which claimed that adult stem cells could „contribute to most, if not all, somatic cell types," has been retracted by Nature. The paper was controversial since its publication and has been cited nearly 4,500 times, making it the most-cited retracted paper ever. The University of Minnesota-Twin Cities found that a related article in Blood contained falsified images but Verfaillie was not responsible for them. KU Leuven conducted an investigation into her work and found no breach of research integrity in the investigated publications.

Fefes Blog:

In diesem Artikel wird berichtet, dass zwei IT-Firmen über 11 Millionen Dollar zahlen müssen, weil sie New York eine unsichere Webseite verkauft haben. Ein Teil des Geldes geht an den Whistleblower. Es gibt ein US-Gesetz, das es jedem Bürger erlaubt, den Staat vor Gericht zu klagen, wenn jemand die öffentliche Hand betrügt. In diesem Fall wurde eine Belohnung von 1,95 Millionen Dollar an einen ehemaligen Guidehouse-Mitarbeiter gezahlt, der die Angelegenheit als einzelner Bürger vor Gericht gebracht hat. Das Gesetz, das False Claims Act of 1863, ermöglicht es den Bürgern, stellvertretend für den Staat vor Gericht zu ziehen, wenn sie bemerken, dass jemand die öffentliche Hand betrügt. Im Finanzjahr 2023 gab es mehr als 500 Verfahren nach dem False Claims Act, die insgesamt mehr als 2,68 Milliarden Dollar eingespielt haben, davon 1,8 Milliarden alleine für Betrug im Gesundheitswesen.

Fefes Blog:

The article discusses the threat assessment by Germany's domestic intelligence agency (Verfassungsschutz) which states that Islamists, Reichsbürger (a group claiming German citizenship only), and left-wing extremists pose threats to security, often united by anti-Semitism and hostility towards Israel. However, right-wing extremists are considered the largest threat according to the report. The author criticizes the criminal panic created by authorities who rely on funding based on crime-related activities and expresses frustration with political manipulation of statistics for electoral purposes.

Fefes Blog:

The article discusses the issue of non-profit organizations in Germany and how they are sometimes targeted by politicians, specifically members of the Alternative for Germany (AfD) party. It appears that AfD politicians may be reporting these organizations to financial authorities with the intent of having their non-profit status revoked. This is based on a report from ARD Faktenfinder which found that AfD politicians in multiple states were targeting non-profits, particularly those critical of the party and its activities. Although there may not be any legal repercussions for these actions, it raises questions about whether or not there are any legitimate non-profit organizations affiliated with the AfD and if they might be targeting other non-profits due to their own lack of recognition as such.

Ask HN: How do you structure your shared finances with your spouse/partner:

The article discusses various approaches to managing finances in a couple relationship. Some couples prefer joint accounts for all expenses, while others have separate personal and shared accounts for different purposes. It is essential for couples to have open communication about financial matters and make decisions that work best for their individual needs and priorities. Ultimately, the most important aspect of managing finances in a relationship is maintaining transparency, trust, and understanding between both partners.

Whatsapp, Signal, Telegram: CCC warnt vor Hütchenspielertrick bei Chatkontrolle:

This week, EU member states may reach a consensus on the controversial issue of chat control. The compromise does not appease critics. The attack on encrypted communication is still unresolved. The Chaos Computer Club (CCC) warns against a weakening of secure communication in the face of a possible agreement among EU countries regarding the contentious issue of chat control. CCC spokesman Linus Neumann argues that there can be no talk of voluntary consent in this case. Meanwhile, Signal messaging service chief Meredith Whittaker warns against labeling tricks in the context of such proposals. She points out that any claims that upload moderation does not undermine encryption are false and criticizes those who try to rebrand such proposals to appease critics. In a recent report, France submitted new amendment requests for Belgium's proposal last week, ensuring that encryption is not weakened and that services remain accessible. It has been suggested that the EU Commission may only implement chat control when procedures without compromising encryption become technically possible. Signal CEO Whittaker calls on European countries to accept the „fundamental mathematical reality" and stop engaging in rhetorical games, warning of grave consequences if such proposals are implemented for end-to-end encrypted communication.

Will We Run Out of Data? Limits of LLM Scaling Based on Human-Generated Data:

The article discusses how scaling has been a key factor driving progress in AI, with models growing in parameters and being trained on increasingly enormous datasets leading to exponential growth in training compute and dramatic increases in performance. It questions whether inputs other than raw compute could become binding constraints. Scaling requires growing training datasets, with the most powerful AI systems so far being language models primarily trained on trillions of words of human-generated text from the internet. However, there is only a finite amount of this data available. The article estimates the stock of human-generated public text data at 300 trillion tokens and forecasts when this data would be fully utilized. It also discusses how new innovations will be required to maintain progress beyond 2030, focusing on synthetic data, learning from other modalities, and data efficiency improvements.

How to Minimize Your Exposure to Microplastics - The New York Times:

A recent study by Matthew Campen at the University of New Mexico found microplastics in human testicles, confirming the presence of these small particles in various parts of the body. While scientists are still unsure about their direct impact on health, some early research has shown increased risks of heart complications and inflammatory bowel disease for those with higher levels of microplastics in their system. To minimize exposure to microplastics, experts suggest avoiding highly processed foods, using glass containers, choosing paper tea bags, and opting for reusable water bottles. Additionally, keeping plastic-based items away from direct sunlight and vacuuming with a HEPA filter can help reduce microplastic levels in the home.

Council to greenlight Chat Control - Take action now!:

The Belgian EU Council presidency is pushing for a mass surveillance system called „Chat Control,"

which would allow governments to monitor private communications. This comes during the European Elections, when there is less public attention and the new European Parliament has not yet been constituted. Many EU governments are undecided on whether to support Chat Control, including Italy, Finland, the Czech Republic, Sweden, Slovenia, Estonia, Greece, and Portugal. Germany, Luxembourg, the Netherlands, Austria, and Poland have stated they will not support the proposal. Civil society resistance is crucial in stopping Chat Control's implementation; contacting governments, raising awareness online, and organizing protests are suggested actions.

j3s.sh:

This article criticizes the Fandom wiki website for its aggressive advertising and lack of user control over content. The author claims that venture capitalists have driven Fandom to prioritize profits over user experience, leading to a decline in quality and relevance for many communities. Fandom has experienced a mass exodus as users migrate their wikis to independent domains due to these issues. The author encourages people to use ad blockers when browsing Fandom and offers assistance to those who want to move their wiki content away from the platform.

ASU study points to origin of cumulative culture in human evolution:

A study published in the Proceedings of the National Academy of Sciences journal by Arizona State University researchers Charles Perreault and Jonathan Paige suggests that humans began to rapidly accumulate technological knowledge through social learning around 600,000 years ago. The study analyzed changes in the complexity of stone tool manufacturing techniques across the past 3.3 million years of the archaeological record. The results indicated a rapid increase in stone tool manufacturing sequences' complexity after about 600,000 years ago. Tool-assisted foraging may have been the impetus for the earliest beginning of the evolution of cumulative culture, leading to changes in brain size, lifespan, and biology that set the stage for this cultural phenomenon.

A Note on Essential Complexity:

The article discusses various goals for a software engineer, including writing code, maintaining quality, managing complexity, delighting users, solving problems, satisfying customer needs, making money, and more. It highlights that different individuals may prioritize these goals differently based on their personal preferences and the spectrum of idealism-cynicism. The article explores how minimizing complexity is often the goal of a software engineer, but it also challenges the notion that essential complexity is irreducible, suggesting that software engineers can change the problem definition and shape users' expectations to help reduce complexity. Additionally, the article argues that engineers should occasionally step out of their interfaces and consider how their work affects individuals and organizations in the real world.

The darker side of being a doctor:

The article discusses the dark side of being a doctor, focusing on three common factors that contribute to stress and negativity: loss of control, loss of support, and loss of meaning. These issues

can lead to depression, anxiety, burnout, and even suicidal thoughts among doctors who feel overwhelmed by work pressure, administrative constraints, and the erosion of their professional autonomy. The author emphasizes that modern medicine is becoming more about business than patient care, which can be detrimental to the well-being and satisfaction of healthcare professionals.

FTC Takes Action Against Adobe and Executives for Hiding Fees, Preventing Consumers from Easily Cancelling Software Subscriptions:

The Federal Trade Commission (FTC) has filed a lawsuit against software maker Adobe and two of its executives, accusing them of deceiving consumers by hiding the early termination fee for its most popular subscription plan and making it difficult for customers to cancel their subscriptions. The FTC claims that Adobe pushed consumers towards the „annual paid monthly" subscription without clearly disclosing the cancellation fees in the first year, which could cost hundreds of dollars. Adobe shifted mainly to a subscription model after 2012, requiring customers to pay for access to its software on a recurring basis. The complaint states that despite being aware of consumers' confusion about the early termination fee, Adobe continued its practices of steering subscribers towards the annual paid monthly plan while obscuring the fee and making it difficult for them to cancel their subscription.

CUDA GPU Accelerated h264/h265/HEVC Video Encoding with ffmpeg:

The article discusses the high quality video encoding process using FFMPEG, an open-source command-line tool for video and audio encoding. It emphasizes the importance of using high-efficiency video encoders such as DNxHD 4:2:2 10-bit or ProResHQ / Cineform with a minimum video bitrate of 185mbps in HD resolution or higher. The article also highlights the advantage of using NVidia GPUs like GTX 6xx/7xx or higher for better speed and quality. It provides various parameters and settings to achieve high-quality encoding using FFMPEG, including presets, tune profiles, bitrates, and other options for different codecs such as H264, HEVC (H265), and AAC audio codec. The article also mentions the author's book „FFMPEG Secrets" that provides more advanced and detailed information on FFMPEG encoding parameters and examples.

Mocking is an Anti-Pattern | Amazing CTO:

The article argues against using mocking frameworks as they can lead to more complexity and introduce bugs. Mocking is suggested to be an anti-pattern because it does not test the actual reason for bugs, but rather models only the happy path. Instead of using mocks, alternatives like more unit testing, easier testing with IO, separation of logic and services/IO, E2E integration tests, and server side E2E testing are suggested to be more effective in detecting and preventing bugs. The article highlights that by increasing test coverage without truly addressing the issues, mocking can create a false sense of security.

The big idea: can you inherit memories from your ancestors?:

The human genome's sequencing in 2003 has significantly influenced how people view themselves and the world around them, with many reaching for genetic explanations to understand complex

traits like temperament or resilience to mental ill-health. Recent research suggests that epigenetics—the study of changes in organisms caused by modification of gene expression rather than alteration of the genetic code itself—could provide a more nuanced understanding of nature vs. nurture. Research has demonstrated that an individual's life experiences can be passed on to their offspring through altering the shape of specific genes. The field of epigenetics could help in understanding and potentially treating conditions like PTSD, as well as provide insight into how ancestral experiences impact descendants' behavior.

War in the Aisles:

This article discusses the grocery industry's pricing strategies and how they impact consumers. It highlights how major players like Walmart and Amazon are leveraging consumer data to optimize prices, in-store deals, and advertising opportunities. The Federal Trade Commission (FTC) has launched investigations into these practices, which may lead to enforcement actions against anti-competitive behaviors. The article concludes by warning that the adoption of pricing strategies like surge pricing could have ethical implications when applied to basic necessities like food items.

Google Chrome Will Track You For The Next 200 Days—Then It May Get Worse:

Google has delayed plans to remove tracking cookies from its Chrome browser and replace them with a new system called Privacy Sandbox. The new system will collect users into similar groups for targeted content, instead of relying on individual profiles. However, there are concerns that the new system could be worse for privacy, security, and tracking. Google is currently debating with regulators over how to remove tracking cookies without harming the online marketing industry. Furthermore, AI technology may further disrupt the debate as it has the potential to offer more accurate tracking and targeted content for users based on their search history and browsing activity.

How to configure idle RDP session timeout | Zomro:

This article explains how to set the maximum amount of time an active Remote Desktop Service (RDS) session can be idle before it is automatically disconnected. To do this, use the Local Group Policy Editor or the registry editor on a Windows server. Alternatively, you can use PowerShell commands for setting and removing the idle time limit. This ensures that your RDS sessions remain active until there is user input, preventing them from closing due to inactivity.

XVive G1 Butterfly Guitar Stand:

The article describes the Openhagen HangWithMe Guitar Oak, a unique and innovative guitar stand that is suitable for acoustic guitars, electric guitars, and basses. It features four contact points with the ground for stability, ultra-compact design when folded, silicon padding to protect the instrument from scratches, and rubber pads for a secure grip. The stand is made of aluminum and comes with a warranty that can be extended to 4 years by registering it on www.w-distribution.de/Warranty. It will be available from February 2024, and the article provides information about similar products and their prices for comparison.

Horses may have been domesticated twice. Only one attempt stuck:

Researchers report that horses were domesticated at least twice, with the first attempt by Botai hunter-gatherers in Central Asia around 5,000 years ago for milk and meat. However, the second attempt by people living north of the Caucasian Mountains led to the modern domestic horse, which became a global presence about 4,200 years ago. This challenges previous ideas that suggested ancient people from southwest Asia known as the Yamnaya were the first horseback riders and herders. The new findings suggest that mobility was the main motivation for domesticating horses.

How I learned Haskell in just 15 years:

The article discusses the author's journey of learning Haskell, a programming language. It details the various sources and experiences that led the author to finally write a useful Haskell program. The author describes the challenges and benefits of using Haskell, highlighting its approach to dealing with immutable data and pure functions. The article also touches on how the author's journey of learning Haskell has been influenced by other languages and programming paradigms.

Japanese words and names sound African (2022):

The article discusses the similarities between Japanese and African languages, particularly in terms of their phonetic structures. It highlights examples such as names that sound similar in both cultures and the presence of shared words with different meanings. The author suggests that these similarities may be due to the simplicity and flexibility of the syllable systems in these languages. However, no definitive explanation for the phenomenon is provided.

Japanese Words and Names Sound African. Why?:

This article explores the uncanny phonetic similarities between Japanese words and names and those in West, Central, East, and Southern African languages. It highlights examples such as Obama, which is a Luo name from Kenya that also means „small beach" in Japanese. Another example is Ajinomoto, a Japanese seasoning company whose name sounds Nigerian but has no connection to a Nigerian language. The article mentions several Japanese personal names that have counterparts in Nigeria and vice versa. Although there are similarities between the speech sounds of Black African languages and Japanese, there is no evidence that these similarities indicate any common origin. Instead, linguists consider these similarities „accidental evidence" or phonetic coincidences.

Quake 1 potential original font discovery:

The article discusses the possibility of the Quake font being derived from a typeface named „Visa" or one of its derivatives. The author discovered these connections while researching through various font catalogs and books. The font „Visa" can be traced back to its designer, Raphael Boguslav, and has a connection with Avia font, which was expanded by Jill Pichotta in 2000. The similarities between

the Quake font and the Visa/Avia typeface raise the possibility that it may have been used as the base for the Quake font.

Bouba/kiki effect:

The bouba/kiki effect, or kiki/bouba effect, is a non-arbitrary mental association between certain speech sounds and certain visual shapes. Most narrowly, it is the tendency for people to associate the nonsense words „bouba" with a rounded shape and „kiki" with a spiky shape when presented with these names along with drawings of different shapes. This effect was first observed by Georgian psychologist Dimitri Uznadze in 1924, and it has been robustly confirmed across most cultures and languages. Researchers have found that the bouba/kiki effect occurs not only with words but also with familiar names, showing a preference for specific shapes based on their associated sounds. This phenomenon is believed to play a role in understanding language evolution and may serve as the neurological basis for sound symbolism, where certain sounds are non-arbitrarily mapped to objects and events in the world.

Why Google Takeout is sooo bad!:

The article discusses the author's frustration with Google Takeout and its inability to backup their data reliably. They mention trying various methods such as syncing tools and open-source python tools, but none provided a satisfactory solution for their 200GB of data. The author ultimately decided to continue using Google Takeout despite the issues due to the importance of having their data backed up, even if it's not perfect. They are considering trying other providers like Box and monitoring the backup process in hopes of finding a better solution.

Klimawandel und Hitze⬚ Wieso Lungenkrankheiten immer häufiger werden ⬚ Doc Fischer SWR (Video):

The Transcript eines Youtube Videos discusses the impact of climate change on extreme weather events such as heatwaves, droughts, and heavy rainfall on human health, particularly focusing on respiratory issues and lung diseases. These events are becoming more frequent due to global warming. Chronic lung conditions like COPD (chronic obstructive pulmonary disease) are increasing while existing ones are worsening. Individuals with pre-existing health conditions or who work outdoors are at higher risk. Lung function tests and bronchoscopies can help diagnose and study the causes of lung diseases linked to air pollution, such as particulate matter in the lungs. The video also mentions that heart problems, allergies, and kidney issues may increase due to climate change. To protect oneself from extreme heat, it is recommended to take breaks in shaded areas, reduce medication dosages during high temperatures, and avoid strenuous activities during peak heat hours. Physical activity should be adjusted according to the individual's health condition and environment. Drinking plenty of water, wearing light-colored clothing, and using sun protection are also advised. Heatstroke warning signs include confusion, rapid breathing, or a throbbing headache; seeking immediate medical attention is crucial in such cases.

Going From Data Engineer To Head Of Data - How To Run A Data Team Successfully

(Video):

The YouTube video provides advice on how to approach data management as the head of data at a smaller company. Key points from the discussion include:

1. Don't build infrastructure without understanding your current state and future goals. Assess the company's position, identify gaps and challenges, and determine how to bridge them with data solutions.

2. Schedule meetings with C-suite executives to understand their needs, expectations, and potential collaboration opportunities in leveraging data.

3. In the first month, focus on understanding existing data, applications, and databases that could help answer questions or provide valuable insights.

4. List initiatives based on identified problems and evaluate their business value with input from C-suite members.

5. Begin building a basic data infrastructure in week four to demonstrate initial value. Choose affordable tools and solutions for the early stages of your data management plan.

6. Iterate and adapt based on feedback from stakeholders, continuously refocusing efforts on high-value projects that deliver significant business impact.

7. Focus on building trust with C-suite partners by solving their most pressing problems and demonstrating the value of data in decision-making processes.

When Did We Start Getting Cavities⬚ (Video):

The transcript discusses the reasons behind humans having the worst teeth in the animal kingdom, focusing on cavities as the most common tooth problem among humans. Key points include:

1. Cavities are caused by bacteria like Streptococcus mutans breaking down sugars and creating acidic byproducts that erode tooth enamel.

2. Dietary changes resulting from the agricultural revolution around 10,000 BCE led to a significant increase in sugar consumption, which contributed to tooth decay.

3. Early human species like Paranthropus robustus had fewer cavities compared to Homo erectus and Neanderthals due to their dietary habits.

4. The bacterium Streptococcus mutans underwent genetic changes around 10,000 BCE, coinciding with the advent of farming practices and increased sugar consumption.

5. Streptococcus mutans has continued to evolve and become resistant to antibiotics over time.

In 3-4 Monaten⬚ Große Konfrontation lt. Serbiens Präsident Vucic möglich ⬚ Kommentar (Video):

The transcript discusses the interview between Swiss newspaper Die Weltwoche and Serbian President Alexander Vucic in June 2024. Key points include:

1. Vucic believes the situation in Ukraine and NATO states may escalate catastrophically within three to four months, potentially affecting not only Ukraine but also NATO members.

2. He expresses his desire for Serbia to „free" Ukraine from Russia's influence and supports their right to attack Russian territory using Western-provided weapons.

3. The interview mentions the destruction of a Russian early warning radar system in May, which is part of their nuclear weapons program.

4. Independent Norwegian military expert Tord Areivason suggests that Russia has numerous targets in Ukraine that can be attacked with drones and only avoids attacking a few key ones.

5. Vucic compares Putin's warnings against the NATO to bluffing, saying it's about who has stronger cards but no one is certain since they don't know each other's moves.

6. He emphasizes that people only talk about war and not peace, with all parties seeking a winner in the conflict.

7. Vucic mentions that he cannot predict a third world war but sees a great confrontation approaching.

8. He mentions checking oil reserves and food supplies due to uncertainty about the future.

9. The speaker advises viewers to review their crisis preparedness plans, mentioning tips in a previous video.

10. Despite potential tensions, the speaker urges people not to panic or overreact to the situation.

The World's Oldest Recipes (Video):

The YouTube video explores the history of ancient recipes from around the world, focusing on beer, wine, cheese, bread, tamales, noodles, and other food items. Key points include:

1. Beer-making dates back to 13,000 years ago when the Natufians in the Levant region used malting, mashing, and fermentation processes. They made beer from grains that were foraged rather than farmed.

2. Wine originated in Transcaucasia around 8,000 years ago, with evidence found in some of the oldest clay pots from the region. Winemaking later spread to other areas.

3. Cheese production began roughly 7,200 years ago as shown by pottery residues from late 19th century discoveries. Dairy use was important for extending young children's milk-drinking periods and aiding early farmers.

4. Bread making started in Jordan around 4,000 years before the agricultural revolution, with flatbread-style bakes being more common than fluffy breads. Ancient Egyptians made leavened breads as early as 3,000 years ago.

5. Tamales may date back to the pre-classic period in Mesoamerica, around 4,000 years ago, thanks to the development of nixtamalization for easier cooking and increased nutrition.

6. Noodles were made using millet grain in China around 4,000 years ago, although it was unclear how people managed to make stretchy noodles from gluten-free millet.

7. Archaeological sites like the Potluck in China and Oldenburg LA 77 in Germany provide evidence of culinary disasters that were still significant for research purposes, showing early humans' attempts at diversifying their meals.

Wie Ikea den Planeten plündert 〓 Doku HD Reupload 〓 ARTE (Video):

The Transcript eines Youtube Videos discusses the environmental impact of IKEA, one of the world's largest furniture retailers, on forests around the globe. The video explores various aspects including IKEA's use of wood from sustainable sources, its role in promoting fast furniture, and its influence on global consumer culture.

1. IKEA's Wood Sourcing:

   1. IKEA is a massive consumer of wood, using about 20 million cubic meters annually, leading to the felling of one tree every two seconds. This consumption relies heavily on sustainable forests that can be replenished. However, critics argue that IKEA's demand for wood pushes it to source from areas where old-growth forests are being logged, such as in Poland and Romania.
   2. In response to these criticisms, IKEA has purchased large tracts of land around the world, including over 280,000 hectares in Romania, which have been subject to controversial logging practices. The video highlights instances where these forests have been mismanaged, leading to soil erosion and damage to local ecosystems.
   3. To ensure responsible sourcing, IKEA has turned to the Forest Stewardship Council (FSC) for certification. However, critics argue that FSC standards are not strict enough and that some of the wood used by IKEA comes from unsustainable sources.

2. Fast Furniture:

   1. The term „Fast Furniture" refers to the trend towards quickly produced, low-cost furniture items that are discarded after a short period of use. IKEA is often cited as a pioneer in this industry due to its flat-pack design and self-assembly concept. This model has led to increased consumption and waste generation, contributing to environmental degradation.
   2. The video also explores the implications of Fast Furniture for traditional furniture makers and local craftsmanship, which have been largely replaced by mass-produced items from companies like IKEA.

3. IKEA's Marketing and Cultural Influence:

   1. IKEA has successfully positioned itself as a symbol of modern living and good design, promoting an idealized image of life that often includes its products. This influence extends to popular culture, with the brand appearing in movies, music, and other media.
   2. The video criticizes this marketing strategy for creating unrealistic expectations around consumption and home decor, contributing to a throwaway culture where items are replaced frequently rather than repaired or reused.

4. IKEA's Global Expansion:

1. IKEA has expanded its operations into new markets over the years, often leading to the displacement of local furniture industries and traditions. The video highlights cases in Latin America, particularly Brazil, where IKEA suppliers have been involved in environmental violations, including illegal logging and improper waste disposal.

5. Climate Change and Forestry:

1. The discussion turns towards the role of forests in mitigating climate change, as they absorb CO_2 during growth. However, critics argue that IKEA's focus on fast furniture and mass production undermines these benefits. They also highlight the potential for carbon offsetting through reforestation projects, which can be used to balance out emissions from other activities.
2. The video concludes by emphasizing the need for responsible forestry practices, stronger regulations on wood sourcing, and increased accountability among large corporations like IKEA. It suggests that a more sustainable approach would involve reducing consumption, promoting repair and reuse, and supporting indigenous efforts to preserve ancient forests.

Putin und Kim vereinbaren strategische Partnerschaft ⏐ DW Nachrichten (Video):

The Transcript eines Youtube Videos discusses Russian President Vladimir Putin's visit to North Korea after 24 years, highlighting the increasing strategic importance of North Korea for Russia as international isolation grows. It is believed that North Korea supplies Russia with much-needed weapons for its war in Ukraine. Moscow and Pyongyang deny any illegal arms trade despite sanctions by the West. The video emphasizes the very close ties between Russia and authoritarian states such as North Korea, China, and Iran, indicating that security is not regional but global. Putin's visit to North Korea reaffirms this point and demonstrates how both countries are coming together again due to Western isolation caused by Russia's war in Ukraine and North Korea's nuclear program. This new approach makes many in the West uneasy.

Sklaverei in Italien ⏐ ARTE Re⏐ (Video):

The video discusses the issue of modern slavery in Italy's agricultural sector, focusing on the mistreatment of migrant farm workers by employers and the involvement of criminal organizations called „caporali" who exploit these workers for their own gain. Key points include:

1. Migrant farm workers often face poor living conditions, inhumane treatment, and low wages.

2. The caporali system involves organized crime groups that exploit migrants by controlling their housing, transportation, and employment opportunities.

3. These workers are vulnerable due to a lack of legal status or support from local authorities.

4. Activist Ivan Sagnier fights against this system by exposing the injustices faced by these farm workers and advocating for better working conditions and fair wages.

5. The video highlights the need for change in Italy's agricultural sector to prevent modern slavery and improve the lives of migrant workers.

The Real Reason We Work So Hard (Video):

The video discusses the reasons behind people's relentless work habits and their fear of stillness. Key points include:

1. Societal pressure and financial obligations drive people to work hard, often using the idea of necessity as a distraction from their inner insecurities.

2. People are afraid of stillness and silence, which may force them to confront their own thoughts and emotions.

3. Society often equates an individual's worth with their achievements, making it difficult for people to recognize their value outside of what they do.

4. Early conditioning in school can instill fear and make it challenging to question authority figures.

5. The constant noise from external sources acts as a distraction from the inner voice and potential insecurities.

6. People may lack the ability to appreciate art or poetry, which could lead them to avoid introspection and exploration of their true selves.

7. Fear of untenable sadness and regret prevents individuals from confronting their emotions and seeking self-awareness.

8. A lack of close relationships can make it difficult for people to feel understood or accepted outside of their work achievements.

9. The concept of peace being harder than war may deter individuals from exploring alternative paths that could lead to a more fulfilling life.

10 Cameras that Changed Photography FOREVER (Video):

The YouTube video discusses the 10 most important cameras in history, starting from the Kodak Brownie in 1900 to the Samsung S23 Ultra, highlighting how photography has evolved over time and how these cameras have changed the way people capture and share images. Key points include the accessibility of photography with the Kodak Brownie, the introduction of the Leica One in 1913, the Polaroid camera in 1948, the SLR design from Nikon F body, the first digital camera invented by Kodak in 1975, and the impact of smartphones like iPhone on photography. The video also mentions Samsung S23 Ultra's integration of AI technology as a pivotal moment for future advancements in cameras.

Ökonom Daniel Stähr über „Die Sprache des Kapitalismus" - Jung & Naiv: Folge 713 (Video):

In this interview, Daniel Sterr, an economist from Mecklenburg-Vorpommern, discussed his journey into the field of economics, the current state of academic research within economics, and the

challenges faced by young researchers. He also shared insights on income inequality, the language of capitalism, and the need for alternative economic systems.

Education and Entry into Economics: Daniel Sterr was born in Kühlungsborn, Mecklenburg-Vorpommern, and grew up with his mother after the fall of the Berlin Wall. His interest in economics was sparked by the global financial crisis of 2007-2008, which he felt was not adequately explained in the media or schools. This curiosity led him to pursue a degree in economics at university.

The Academic Research Landscape: Sterr discussed the challenges of conducting academic research within the field of economics, particularly the pressure to publish in high-impact journals and the influence of networks on career progression. He also highlighted the funding disparities between universities in Germany and the United States, which can create an uneven playing field for researchers.

Income Inequality: Sterr emphasized that income inequality is a significant problem but noted that many people are not aware of its extent or implications. He argued for more public discourse on the issue, suggesting that focusing on excessive wealth („over-wealth") rather than simply inequality could be a more effective way to engage the public and policymakers in addressing the issue.

The Language of Capitalism: Sterr and his co-author, Simon Sanner, wrote „Sprache des Kapitalismus" to highlight how language influences our understanding of economic systems and can obscure power structures within them. They discussed examples such as the terms „hardworking middle class" and „meritocracy," which can be used to justify income inequality. Sterr also emphasized the importance of questioning common phrases like „prices rise" instead of saying „prices are increased," as this shifts responsibility away from those who make these decisions.

Alternative Economic Systems: Sterr and Sanner believe that a post-capitalist system is possible but acknowledge the difficulty in envisioning what it might look like. They encourage a more critical examination of language and narrative to foster greater understanding and debate about alternative economic systems.

Executive Summary: This interview with Daniel Sterr provides insights into his personal journey into economics, the challenges faced by young researchers within the field, and his views on income inequality and the language of capitalism. He advocates for a more critical approach to language use in discussing economic issues and encourages the exploration of alternative economic systems to address societal problems.

[moviesanywhere.com changes TOS and opts you in without implicit consent](#) (Video):

The video discusses the issue of companies changing the terms of sale after the sale has been completed, particularly focusing on MoviesAnywhere.com. The speaker expresses concern about companies using forced arbitration agreements to take away consumer purchases and the lack of legal recourse for customers in such cases. They recommend finding ways to own digital content by ripping movies from DVDs or Blu-ray discs, using older firmware on DVD drives, and storing media on personal servers with strong security measures.

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