

Links für 2024 KW 39

Zusammengefasst von [LlongOrca](#).

Study details 'transformative' results from L.A. pilot that guaranteed families \$1,000 a month:

A pilot program in Los Angeles provided \$1,000 a month to 3,200 residents for 12 months as part of a city-funded initiative called BIG:LEAP, with no strings attached on how the money was spent. The research study co-authored by University of Pennsylvania and UCLA found that the program provided numerous financial benefits to participants, including better job opportunities, improved living conditions, and escaping abusive relationships. Participants also reported increased savings and higher chances of covering emergency expenses. However, the future funding for this program remains uncertain as some taxpayer groups have raised concerns about using city funds for guaranteed-income programs.

Controversial Windows Recall AI Search Tool Returns With Proof-of-Presence Encryption, Data Isolation:

The article discusses the updated Windows Recall feature from Microsoft, which uses artificial intelligence to create a searchable digital memory of everything done on a Windows computer. After facing backlash due to privacy and security concerns, Microsoft has redesigned the feature to be turned off by default and include proof-of-presence encryption, anti-tampering and DLP checks, as well as secure data enclaves. The new version is designed to protect user privacy and reduce the risk of malware attacks on the system.

Building a robust frontend using progressive enhancement - Service Manual:

This article discusses progressive enhancement as a way to build websites and applications by prioritizing HTML, followed by CSS and JavaScript. It emphasizes the importance of making services functional using only HTML, ensuring they work across various browsers and devices, and improving accessibility for users with device or connectivity limitations. The article also provides guidelines for testing services and cautions against building single-page applications, which can often cause issues for users.

Avoiding downtime: modern alternatives to outdated certificate pinning practices:

This article discusses how certificate pinning, a practice used to prevent mis-issued certificates from intercepting traffic, is becoming outdated due to changes in the Public Key Infrastructure (PKI) world and new solutions being developed. Certificate pinning relies on the exact matching of certificates, which can cause problems when certificates are frequently rotated. The article recommends alternative methods such as using shorter certificate lifetimes, rotating intermediate certificates,

increasing use of certificate transparency, and adopting modern standards like ACME protocol, to achieve the same level of security without the management overhead or risk associated with pinning.

Privat Krankenversicherte sollen im Schnitt 18 Prozent mehr zahlen:

Private health insurers have announced significant premium increases for the coming year, with average rates set to rise by almost one fifth. Public health insurers have also warned of higher contributions. Privately insured patients are expected to face substantially higher fees in 2023, with the majority of private health insurance companies planning a premium increase from January 1st, on average by around 18%. Around two-thirds of the 8.7 million fully insured will be affected and many more may face even greater increases. The Süddeutsche Zeitung reports that price hikes over 30% are not uncommon. However, the Association of Private Health Insurers says it does not confirm such increases as a whole. The nature of premium calculations means there is always fluctuation around an average figure. Private health insurance companies review their rates at different points in the calendar year and adjust them accordingly. Many providers are raising their prices from January 1st, with some like DKV doing so on April 1st. Customers will receive letters detailing their new charges over the next few weeks. The main causes of the premium increase are strong increases in medical services. The largest cost driver is hospital treatments, where private health insurance costs rose by 13.5% alone in 2023 and this increase is set to continue in 2024. One reason for this is that some operations were carried out less frequently during the Covid pandemic and have been caught up with since then. The rising prices are also felt in nursing care and general hospital services, which are identical for privately insured individuals. Between 2021 and 2023, the costs per average day of hospitalization increased by 37.5%. For example, the cost of caring for a newborn has on average increased by 18%. This is partly due to higher minimum wages and stricter legal requirements for nursing staff. Experts advise patients to switch within their insurance provider because often new offers are more affordable. A change in providers does not usually pay off, especially because of built-up reserves. Consumer centers also see switching as the best solution. Policyholders can request quotes for changing tariffs free of charge with a sample letter. Public health insurers have also warned of higher contributions due to growing expenses in June. For 2025, they expect an additional financial burden of 0.5 to 0.6 percentage points. This does not include further costs from ongoing legislative projects. The additional contribution that public health insurance companies charge their members has already been increased by an average of 1.7% for 2024. The overall contribution includes a general rate of 14.6% of gross income in addition to this.

America's Young Men Are Falling Even Further Behind:

This article discusses the challenges faced by boys and men in today's society, particularly regarding education, career opportunities, and social norms. Some believe that public schools are not encouraging or nurturing boys as much as they were in previous decades. Additionally, there is a perception that girls are receiving more support and encouragement to enter STEM fields than boys are. The article also raises concerns about the potential consequences for young men who may be left behind without proper guidance or opportunities for success.

Solving climate change by abusing thermodynamic scaling laws:

This article presents a research proposal that focuses on the idea of raising crops for biomass and freezing them in huge aboveground piles during winter by running pipes through the middle. The proposal suggests that with some insulation, the thawing process can be slowed down significantly during summer. The removal of large quantities of carbon from Earth's atmosphere is a promising way to mitigate global warming or climate change. Proposed methods include direct air capture and biomass-centric carbon sequestration approaches like burial in deep, anoxic water, compression into polymer-lined bricks, carbon mineralization, and storing salted biomass in a moisture-controlled environment. The author of the proposal argues that their method, which involves freezing waterlogged piles of vegetation during winter and relying on the system's large thermal mass to keep the biomass biologically inactive during summer, could be a viable solution for carbon sequestration.

Mozilla grants Ente \$100k:

Ente has been accepted into the Mozilla Builders accelerator program, which focuses on promoting independent AI and machine learning. As part of the program, Ente will receive \$100,000 in non-dilutive funding. The Builders accelerator is designed to push technology forward for an AI that is light, private, and accessible. Over the next few months, Ente will work closely with the Mozilla team to grow and develop its business. This opportunity presents a significant milestone for Ente as it learns from Mozilla about building an open source consumer tech company with a positive impact.

Show HN: Enable right click and copy on websites that disabled it:

The article discusses the built-in feature in Firefox that allows users to disable right-click on websites by holding Shift while right-clicking. This feature does not require any preference tweaking or about:config stuff. Some users mention different cases where they have encountered disabled right-clicks, such as on geocities sites and Google Docs, and the potential reasons for disabling this functionality. The article also touches upon extensions that enable right-clicking in Firefox and a similar feature in MAC OS.

The Ultimate FLUX.1 Hands-On Guide:

This comprehensive guide focuses on the use of FLUX.1, an open-source text-to-image generation model developed by Black Forest Labs. The article provides step-by-step instructions for installing and running the model using ComfyUI, a user interface for creating workflows with AI models. It also covers advanced usage such as incorporating LoRA (Low-Rank Adaptation) for fine-tuning the model's style and ControlNet for precise control over image generation. Additionally, the article discusses online training tools to create custom Lora-style models using a small dataset. The guide concludes with an overview of the versatility and open-source nature of FLUX.1, positioning it as a valuable tool in AI art and development.

Generating e-books with Sphinx:

The article discusses how Sphinx, a tool initially designed for writing Python documentation, can be used effectively for other programming languages as well. It is particularly useful in generating HTML

code samples and documentation for text-intensive documents. The author also explores the possibility of converting Sphinx documentation into an e-book format, such as EPUB. To achieve this, they explain how to add a specific rule to the Makefile generated by Sphinx to create an EPUB file. The resulting e-book is noted for its table of contents and overall quality, demonstrating Sphinx's versatility in technical documentation.

Offline formats (PDF, ePub, HTML):

This article discusses Read the Docs' core feature, which is building documentation in multiple formats. The article mentions that Read the Docs supports PDF, ePub, Zipped HTML by default, and every commit pushed will automatically update the offline formats as well as the documentation website. Offline formats are great for users who need documentation when not connected to the internet, such as during air travel or in academic and scientific projects. They can be downloaded as email attachments, uploaded to eReaders, or accessed locally without online latency. Read the Docs supports Sphinx and other documentation frameworks like MkDocs and Docsify for generating offline formats, with some offering alternative extensions for various output formats.

Meta fined \$102 million for storing passwords in plain text:

The Irish Data Protection Commission (DPC) has fined Meta €91 million (\$101.5 million) for a 2019 security breach in which the company mistakenly stored users' passwords in plain text. Up to 600 million passwords were affected, with some dating back to 2012 and being searchable by over 20,000 Facebook employees. The DPC found that Meta violated several General Data Protection Regulation (GDPR) rules related to the breach.

Bundesrat billigt Vorschlag zur Speicherung von IP-Adressen:

The Bundesrat has proposed a new, legally secure form of data retention for law enforcement to provide additional tools in particularly difficult cases. An initiative from Hesse for unrestricted and random storage of IP addresses in the fight against severe crime, such as child abuse, gained majority support today. Now the Bundestag must deal with this proposal. If telecommunications providers are not compelled to store data, the success of investigations depends on chance, said Hesse's Minister President Boris Rhein before the vote in the state chamber. The European Court of Justice set strict limits on the storage of telecommunications data for criminal investigations in Germany in a September 2022 ruling, stating that the currently suspended regulation on data retention in Germany is incompatible with EU law. They ruled, however, that there could be limited data retention of IP addresses for combating serious crime under certain conditions. Federal Justice Minister Marco Buschmann (FDP) so far supports the „Quick Freeze“ procedure, where data are only stored when a suspicion of a serious offense exists. Federal Interior Minister Nancy Faeser (SPD) is in favor of legally secure storage of IP addresses, but she also linked the issue to her approval of the extension of the rent price brake, which is important for Greens and SPD. „This law is a real breakthrough for new investigation quality,“ said Saxony's Interior Minister Armin Schuster (CDU) to Deutsche Presse-Agentur. The states could close one of the crucial security gaps in the currently negotiated security package with this legislative initiative, he added. In another news: Telegram - Messenger wants to provide more data to justice.

CA law means stores can't say you're buying a game if you're merely licensing it:

The article discusses the new law in California that bans game companies from using the word „buy“ when selling digital goods, such as games, books, and movies. This is due to cases where users thought they were purchasing a product but were actually just licensing it, which could be revoked at any time by the company. The law aims to protect consumers' rights and clarify the difference between buying and licensing.

The article also touches on similar issues in other industries, such as the music industry, where the concept of „buying“ a song has been redefined over the years due to digital distribution. It raises questions about how we should handle ephemeral goods like software, which can be updated and changed after purchase. Some people argue that the current system is not working and that we need to find a better way to balance the rights of consumers with those of IP owners.

Finally, the article suggests that licensing could be made more affordable than physical sales since ownership cannot be transferred. However, others argue that if you buy a game or any other digital product, it should work properly from the start and that companies should be responsible for fixing any defects.

Archive | The Architecture of London Pubs by Stephen Gardiner - The London Magazine:

In the mid-sixties, architect and writer Stephen Gardiner criticized the modernization of pubs in England, arguing that brewers were destroying unique and eccentric elements in their attempt to make them more profitable. He emphasized the importance of preserving authentic details in pub designs and suggested that good architectural plans are key for creating successful pubs. Gardiner also criticized the replacement of traditional features with artificial materials, such as plastic, chromium plate, and formica.

Amusing ourselves to death:

This article discusses the contrasting predictions made by George Orwell and Aldous Huxley about the future society. While Orwell envisioned a dystopian world controlled through external oppression in his novel 1984, Huxley believed that people would voluntarily give up their autonomy and freedom due to the abundance of distractions and entertainment provided by technology. The article suggests that Huxley's vision may be more accurate as we see an increasing reliance on technology and a decline in critical thinking and intellectual curiosity among individuals.

Face Recognition:

This article discusses the world's simplest face recognition API for Python and the command line, built with dlib's state-of-the-art face recognition using deep learning. The model has an accuracy of 99.38% on the Labeled Faces in the Wild benchmark. It provides face location and manipulation features, as well as face recognition and identification, and supports installation on various platforms and usage through command-line interfaces and the Python module.

Everything you need to know about Python 3.13 - JIT and GIL went up the hill | drew's dev blog:

The upcoming release of CPython v3.13 in October 2024 brings two major changes at the core level that could potentially alter the performance profile of Python code in the future. These changes include a „free-threaded“ version of CPython, which allows users to disable the Global Interpreter Lock (GIL), and support for experimental Just-in-Time (JIT) compilation. The removal of the GIL will improve CPU-bound tasks' performance as multi-threading becomes more common in today's computing environment. Additionally, the introduction of JIT compilers can enable incremental performance improvements over time, making Python more competitive with other languages.

How Bad Is Tesla's Full Self Driving Feature, Actually? Third-Party Testing Paints Dark Picture:

Tesla's Full Self Driving (FSD) feature has been criticized by third-party testing firm AMCI Testing after a 1,000-mile real-world test. The results indicate that the software's performance is „suspect“, with human intervention required every 13 miles to maintain safe operation. AMCI found that while FSD is impressive in some situations, it falls short of being foolproof and can sometimes lead to dangerous situations. Tesla's FSD is currently in beta and is sold as an optional feature for its EVs.

The world's richest inmate is free. What will Binance billionaire 'CZ' do next?:

Changpeng Zhao, known as „CZ,“ has been released from federal custody in the US after serving four months for failing to implement proper anti-money laundering controls at Binance, a cryptocurrency exchange he founded. He spent around two months in a minimum-security prison and two months in a halfway house before being freed. Zhao's estimated \$60 billion personal fortune makes him the 25th richest person globally. As part of his criminal settlement, he is no longer CEO of Binance and is not allowed to engage in daily activities involving the company. He may focus on philanthropy through Giggle Academy, which aims to provide free education for underprivileged children worldwide, as well as potentially return to the cryptocurrency industry.

New California law means digital stores can't imply you're buying a game when you're merely licensing it:

The California bill (AB 2426), signed into law by Gov. Gavin Newsom, aims to bring transparency to the buying and selling of digital goods such as movies, e-books, and video games. Companies like Microsoft, Valve, Sony, Nintendo, and Ubisoft must be more transparent about licensing digital games instead of selling them outright. The law goes into effect on January 1, 2025, requiring companies to use clear language when advertising digital goods as a license rather than an „unrestricted ownership interest.“ This bill is seen as a crucial step in securing consumers' digital rights but highlights the ongoing issues with digital purchases and ownership.

black-forest-labs/FLUX.1-dev: how to use in cpu only #33:

This article discusses a conversation about Hugging Face's Flux text-to-image diffusion model and the difficulties in using it on a CPU-only setup, which takes a long time to generate images. The article provides tips on using an alternative model like Flux-schnell and optimizing the model by using a smaller VAE, such as madebyollin/taef1. It also mentions that CPU offloading can improve performance and gives an example of using FluxPipeline to generate images with a given prompt.

LG zeigt jetzt Werbung auf Smart TVs:

LG has decided to utilize prominent placements on its Smart TVs for advertising and selling ad space to customers. A test phase begins, where ads will appear just before the screen saver on Smart TVs running webOS from LG. Advertisements can be for LG products or third-party providers. It is currently possible to deactivate the ads but it may not remain that way in the future. LG does not specify where and how the advertising will appear, but it is expected to expand to more TVs in the long term. Tesla has invited guests to an event on October 10th and we have already seen a possible Robotaxi on the premises. Today, Tesla has sent invitations for [...]26 September 2024.

It's fixable:

The author recalls a windy weekend when he lost his temper over a broken gate while on his way to join his family at the playground. His daughter's words, „It's fixable!“ reminded him that most problems in life can be fixed, and they went on to purchase a new plank to repair the gate. The author encourages parents to teach their children this principle as it will help them cope with future mishaps.

The best \$4 ever spent:

The article discusses how children's excitement is often different from that of adults, using examples such as a child preferring wrapping paper over toys and a parent reluctantly taking a bus ride with their child instead of driving home. It suggests finding counter-intuitive ways to delight your child, emphasizing the importance of spending quality time together and valuing simple moments that bring joy.

BAAI/Emu3-Gen · Hugging Face:

The Emu3 model is a state-of-the-art multimodal AI that can process images, text, and videos using next-token prediction. Trained from scratch, it excels in both generation and perception tasks, outperforming several established models like SDXL, LLaVA-1.6, and OpenSora-1.2 without the need for diffusion or compositional architectures. Emu3 can generate high-quality images based on text input, show strong vision-language understanding capabilities, and even predict what happens next in a video sequence. Its performance is achieved without depending on CLIP and pretrained language models.

6. Layout — The Hitchhiker's Guide to PlantUML documentation:

The PlantUML diagramming tool is not designed for manually placing elements in specific positions or layouts, but there are some layout tweaks that can be used sparingly. These tweaks include arrow direction syntax, specifying the order of elements to impact their layout, and using specific line types such as polyline and ortho. However, users may experience issues with these tweaks, particularly when it comes to label placement on lines.

Microsoft's new Outlook client quietly moves your email to the cloud:

Microsoft has introduced a new version of Outlook on Windows PCs that combines email and calendar into one app, introducing new generative AI features such as writing assists and „other advanced AI features.“ However, the app also raises privacy concerns as it is more tightly integrated with the cloud than expected. This opens up potential Microsoft data collection issues, prompting questions about user expectations. The new Outlook is available on the Microsoft Store now and is designed to replace the existing Outlook within two years.

Steve Jobs Swore the 10-Minute Rule Made Him Smarter. He Was Right:

The article discusses the value of walking to help solve intellectual problems and provides anecdotal evidence from people who use this method for problem-solving. While not a new concept, it highlights how taking walks or engaging in activities like doing dishes can aid in generating creative solutions by providing the mind with a break from obsessively focusing on one issue. The „10-Minute Rule“ mentioned in the title is clickbait and does not refer to an exact amount of time spent walking; rather, it emphasizes the importance of taking breaks for better cognitive functioning.

I am tired of AI:

The article discusses the author's growing frustration with artificial intelligence (AI) and its overuse in various sectors, including software testing, development, and creative endeavors such as music, books, and movies. They argue that AI often provides faster but not necessarily better results, and in some cases may even hinder progress by leading to a lack of uniqueness and personal touch. The author also mentions their concerns about the excessive funding towards AI without seeing significant returns on investment and AI's increasing carbon footprint.

Sony, Ubisoft scandals prompt Calif. ban on deceptive sales of digital goods:

California has become the first state to ban deceptive sales of so-called „disappearing media,“ with Governor Gavin Newsom signing AB 2426 into law. The new legislation protects consumers from being duped when purchasing digital goods such as books, movies, and video games under temporary licenses rather than outright ownership. Sellers must now clearly mark when a buyer is only receiving a license for the digital good and disclose that access could be revoked if the seller no

longer retains rights to license it. The law applies except in cases where goods are advertised using „plain language“ stating that „buying or purchasing the digital good is a license.“

Hacking Kia: Remotely Controlling Cars With Just a License Plate:

The article appears to be a list of various Kia models and their trim levels, along with the availability of certain features for each model year from 2014 to 2025. The list includes models such as Carnival, Sorento, Optima, Soul, Sportage, and others, indicating that it might be a comprehensive guide to Kia's product line-up over the years.

The Slow, Painful Death Of Agile and Jira:

The article discusses how software development cycles have been increasing in length, with technology teams growing larger and requiring more management apps. Additionally, fewer people are coding for shorter periods of time and experiencing less progress between checkpoints. The author questions when Agile stopped being an optional methodology and became an organization-wide religion, comparing it to a cult of Jira. They seek to understand how this happened and how to free themselves from it.

New standards for a faster and more private Internet:

This article discusses several performance enhancements made by Cloudflare, a content delivery network (CDN) and distributed denial-of-service (DDoS) protection service provider. The main topics include the introduction of Zstandard compression, Encrypted Client Hello (ECH) for privacy, HTTP/3 prioritization, and QUIC congestion control.

Zstandard is an advanced compression algorithm that offers higher compression ratios comparable to GZIP but with significantly faster compression and decompression speeds than Brotli. It was developed by Yann Collet at Facebook and open-sourced in 2016. Cloudflare's implementation of Zstandard resulted in a 42% speed improvement over Brotli while maintaining almost the same compression levels.

Encrypted Client Hello (ECH) is a technology that encrypts the Server Name Indication (SNI) during the TLS handshake, enhancing user privacy by concealing the actual destination website from intermediaries observing traffic. ECH leverages the Hybrid Public Key Encryption (HPKE) standard and works with other IETF standards like the new HTTPS DNS resource record.

HTTP/3 Prioritization focuses on efficiently managing the order in which web assets are loaded, improving web performance by ensuring critical assets are delivered faster. It uses Extensible Priorities to prioritize resources based on their urgency and progressive processability.

QUIC congestion control aims to optimize data flow, preventing network bottlenecks, and ensuring smooth, reliable transmission even under heavy traffic conditions. By implementing BBR v3, an advanced congestion control algorithm developed by Google, Cloudflare aims to further enhance the efficiency of its network.

The article emphasizes the importance of real-time performance measurement through tools like RUM (Real User Metrics) and Server-Timing headers for data-driven decision making in optimizing user experience. These enhancements are set to be made available across all Cloudflare plan types, ensuring that customers can benefit from improved speed, privacy, and reliability.

Introducing Amuse 2.0 Beta with AMD XDNA™ Super Resolution: a fully local, AI experience:

This article introduces Amuse 2.0 Beta with AMD XDNA™ Super Resolution, a fully local, AI image generation software. Developed in collaboration with TensorStack, Amuse offers a simplified user interface called „Ez Mode,“ easy installation, and various features, such as AMD XDNA™ Super Resolution, AI image generation, and AI filter creation. The application is currently available as a Beta release for AMD Ryzen™ AI 300 Series processors and Radeon™ RX 7000 Series graphics customers.

Victims lose \$70k to Play Store wallet-draining app:

A new cryptocurrency wallet-draining attack has stolen \$70,000 from individuals who downloaded a fake app on Google's Play Store. The fraudulent app masqueraded as WalletConnect, a legitimate protocol used for connecting decentralized applications and wallets. The attackers behind the app were able to exploit common issues with the real WalletConnect protocol and post numerous fake reviews praising its effectiveness. Google removed the malicious app from the Play Store after it was discovered five months after launch.

Google says a closed ad ecosystem isn't anticompetitive — it's just safer:

Google is defending itself in court against antitrust allegations by emphasizing security concerns. The company argues that its conduct is justified due to the purpose of protecting users and maintaining a closed ecosystem, similar to Apple's defense of their mobile app stores. Two Google executive witnesses testified about the extensive work done to combat fraudulent practices within the advertising ecosystem. They claimed that security costs have been weighed when deciding on potential openings in Google's ecosystem.

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Millions of Vehicles Could Be Hacked and Tracked Thanks to a Simple Website Bug:

Security researchers have demonstrated a technique to hack and track millions of vehicles, which is considerably easier than previous methods. They found a flaw in Kia's web portal that allowed them to reassign control of the internet-connected features of most modern Kia vehicles. By exploiting this vulnerability, they were able to scan virtually any internet-connected Kia vehicle's license plate and

gain the ability to track its location, unlock the car, honk its horn, or start its ignition at will. The researchers alerted Kia to the problem in June, and it appears that the company has fixed the vulnerability; however, this highlights the poor web security for vehicles in the industry.

Pilots Are Dying of Tiredness. Tech Can't Save Them:

India's aviation industry, which is projected to cater to over 300 million domestic passengers by 2030, faces a looming crisis due to increasing concerns around pilot fatigue. Recent incidents involving two Indian pilots who died on duty within three months raised alarms in the industry. In response, India's Directorate General of Civil Aviation (DGCA) introduced new rules on pilot duty and rest periods; however, these were not implemented as planned. The DGCA has faced pressure from airline companies that claim the proposed regulations would require a 20% increase in pilot numbers, leading to increased expenses and potential flight cancellations. Despite this setback, some airlines, such as IndiGo and Air India, have introduced safety management software and tools aimed at preventing fatigue-inducing rosters and pairings.

Legalizing Sports Gambling Was a Huge Mistake:

The American Gaming Association expects \$35 billion in bets to be placed on NFL games by 2024, a significant increase from last year's total. Sports gambling is now legal in 38 states and the District of Columbia, yielding \$10 billion a year in revenue. However, researchers have found that this growth has led to increased financial and familial misery, particularly for economically precarious households. Legalizing sports gambling was deemed as a mistake due to its negative impact on household savings, bank account overdrafts, credit card debt, and the risk of household bankruptcy. Furthermore, studies have shown that legalized sports betting contributes to increased domestic violence rates. The industry's profits largely come from those suffering from gambling addiction, with tax revenue being less than expected. Some states are considering prohibiting sports gambling once again in order to reduce its negative impact on society and households.

Leisure Suit Larry 1 (dt) Lösung / Walkthrough:

In diesem FAQ geht es um Leisure Suit Larry: In the Land of the Lounge Lizards für die Amiga-Version. Es enthält eine detaillierte Spielführung, Anweisungen zu verschiedenen Aktionen im Spiel und eine Punkteliste. Der Autor, Jan Drygalla, hat auch eine Webseite, auf der er FAQs schreibt.

The Daily Scrum:

The author expresses their dislike for daily Scrums in software development, arguing that it leads to micromanagement and unnecessary pressure on team members. They suggest that allowing developers more time to make progress without constant check-ins can be beneficial. The author also highlights how even Scrum Masters often treat Daily Scrums as status meetings, which further reinforces the idea that developers need close monitoring.

LlamaVoice (Work-in-progress):

LlamaVoice is an innovative, Llama-based model for large-scale voice generation, offering continuous feature prediction and a more streamlined, efficient process compared to traditional models. With features such as VAE latent feature prediction, joint training, advanced sampling strategy, and flow-based enhancement, LlamaVoice simplifies training and improves overall performance, offering more diverse and high-quality generated voices.

How to avoid a BSOD on your 2 billion dollar spacecraft:

The article describes a scenario wherein spacecraft underwent Closed Loop Tests (CLTs) using placeholder memory addresses meant for a previously developed spacecraft, leading to an unexplainable error. Turning the spacecraft off and on wasn't as simple as just flipping a switch or unplugging it, due to various steps needed to ensure no hardware got damaged in the process. An error occurred during the teardown script, where some of the motors didn't turn off. Further inspection revealed errors on the connection between the onboard computer and the Enhanced Remote Interface Units (ERIUs). The ERIUs are how the spacecraft communicates with different sensors and systems reading actual orbit and mission data. Due to this error, active telemetry wasn't received from the vehicle. Finally, rebooting the ERIU was achieved by rebooting the whole onboard computer.

Masking:

Audio masking is a technique used to hide the intelligence of intercepted audio by covert listening devices or bugs. Some of the masking schemes include subcarrier (SC), double sideband with suppressed carrier (DSBSC), triple pulse (TP), rejected pulse (RP), and dirty pulse (DP). These techniques make it difficult for non-compatible surveillance receivers to intercept and demodulate the audio signal, protecting covert listening devices from being detected.

Bitkom AI Summit: Wie Bosch mit KI bereits große Geldsummen spart:

Bosch uses generative AI to save over 100 million euros per year, and relies on Aleph Alpha for product improvements. The company utilizes GPT models from OpenAI and LLaMA from Meta to access its internal knowledge in natural language. They identified around 160 use cases for generative AI (GenAI) within a few months, focusing on areas such as search and summarization, chatbot technology, content creation, and software development. Bosch is working with Microsoft, AWS, and Google to develop tools like Synthesia for AI-generated presentations, HeyGen for translations, and Adobe Firefly for image generation. Bosch also uses GitHub Copilot for programming, which has generated four million lines of code for its 6,000 users, saving them 20% in time per developer or around 37.5 million euros annually. Aleph Alpha's PhariaAI aims to be a system for GenAI that integrates expert knowledge while maintaining control and privacy.

Manufactum. Das Warenhaus der guten Dinge:

The article is about a store that offers various products such as kitchenware, home accessories, gardening items, and more. Some notable brands include Manufactum, Helle Knives, Herrnhuter Sterne, and Lapuan Kankurit. Product categories include kitchen utensils, gardening supplies, furniture, and books. The article also features exclusive products and new arrivals, as well as gift ideas, promotions, and events related to the store.

Telekom tritt Buglas bei und erntet Kritik:

Deutsche Telekom has joined the German Fiber Optic Installation Association (Buglas). The move has been criticized by Buglas's competitor Breko, claiming that Buglas is selling its soul. Under the motto „Gemeinsam stark für Glasfaser“, Deutsche Telekom has joined the German Fiber Optic Installation Association (Buglas), which previously had mainly Telekom competitors such as Deutsche GigaNetz, GVG Glasfaser, Tele Columbus, UGG, Wilhelm.tel, Willy.tel and many municipal utilities. This is the first time that Deutsche Telekom has joined a telecommunications association. Both sides agree on the long-term investment horizon for fiber optic expansion, with Telekom's German business manager, Srinu Gopalan, explaining the decision to join Buglas. The goal is to intensify cooperation and expand more partnerships in FTTH „for a sustainable digitalization.“

Gopalan emphasized that Deutsche Telekom relies on open networks based on Open Access, offering high provider diversity to all customers. In areas jointly developed by Buglas companies, competition takes place according to this principle on the respective lines. This means that „network partners“ like O2, Vodafone, 1&1 or regional providers can use these lines without discrimination. However, many Telekom competitors criticize an increasing double build-up by Deutsche Telekom. Buglas President Theo Weirich assured that cooperation with regional suppliers has been a significant part of Telekom's expansion strategy for years and that both parties benefit when the intensified collaboration takes place „on equal terms.“

Breitband-Allianz: Buglas gives up its identity Patrick Helmes, Vice President of the around 170-member Buglas and Managing Director of Glasfaser Ruhr, called this a „major signal for the entire industry.“ It is about connecting Germany as quickly as possible with the latest FTTH technology. The subsidiary of Bochum's municipal utilities has been working in cooperation on expansion with Deutsche Telekom since two years ago, benefiting many residents in the Ruhr region. However, Buglas will also have to accept a loss: Operators M-net from Munich and Netcologne announced in February that they would leave the association at the end of the year, after having previously served on its board. They then turned to the Cable and Digital Association Anga after unsuccessfully trying to promote a merger between the two industry associations.

The Federal Association for Broadband Communication (Breko), which has often fought side by side with Buglas for the common cause, is severely disappointed by the announcement: „With the admission of the former monopolist, Buglas abandons its identity as a representative of the interests of competitors in fiber optic expansion and turns into Deutsche Telekom's association,“ fears Breko Managing Director Stephan Albers. In this way, he loses the opportunity to „influence the telecommunications market in favor of the competition“ - for example, regarding the disconnection of copper-based DSL networks, double expansion by Telekom or reintroducing a service provider obligation. A number of the over 500 members of Breko also cooperate with Deutsche Telekom. However, they could rely on a strong association that stands up for fair open access and genuine

competition.

Handy-Abhören und Passcode-Klau: SS7 für Attacken offen wie ein Scheunentor:

In einem Video des Wissenschafts-Youtube-Kanals „Veritasium“ wurde gezeigt, wie einfach es ist, Handygespräche über die Roaming-Technik SS7 umzuleiten und abzuhören sowie SMS abzufangen. Der Hauptgrund für das Problem besteht seit über einem Jahrzehnt: SS7, das in 2G- und 3G-Netzwerken eingesetzte Signalisierungssystem Nummer 7 (Signalling System), dient der Autorisierung und Abrechnung beim Übergang zwischen Mobilfunknetzen. Experten haben bereits 2014 erläutert, dass SS7 für Attacken offensteht, da es keine Authentifizierungsfunktionen kennt. Tausende Wege zum Eindringen in SS7 bestehen, und laut Derek Muller könnte es bis zu 20 Jahre dauern, bis die tief in die Privatsphäre eingreifenden SS7-Netzwerke „endgültig abgeschaltet werden“.

FTX-Betrug: Bloß 2 Jahre Haft für Caroline Ellison:

Caroline Ellison, former partner and co-conspirator of Sam Bankman-Fried, will receive a sentence of two years in prison followed by three years of supervised release. The judge at the U.S. District Court for the Southern District of New York decided on this lenient sentence, despite the potential 110-year imprisonment and monitoring period that could have been imposed. Ellison was accused of leading cryptocurrency hedge fund Alameda Research and illegally using customers' funds from FTX exchange for its speculations. The damage amounted to \$8 billion. Both FTX and Alameda Research were founded by Sam Bankman-Fried and Gary Wang, with SBF overseeing Ellison as CEO of Alameda Research. Together with other managers, they misused customer deposits for betting on cryptocurrencies, large political donations, real estate purchases, and other expenses. Despite billions in circulation, there was no accounting that deserved the name. In November 2022, both FTX and Alameda Research filed for bankruptcy. At the end, Alameda Research owed FTX \$10 billion.

Ellison pleaded guilty to seven counts of fraud and conspiracy and cooperated with prosecutors. In return, she has returned most of her assets and helped locate over 130 FTX- and Alameda-related companies in the jungle. In exchange, the prosecution agreed not to pursue further charges. SBF, on the other hand, received no similar offer. He described himself as innocent but was convicted of all seven allowed charges and sentenced to 25 years in prison. Statistically speaking, each year in US imprisonment reduces life expectancy by twice as much time. Bankman-Fried is challenging the sentence from behind bars and aims to secure a new jury trial.

Another FTX manager who pleaded guilty, Ryan Salame, was sentenced in May to seven and a half years in prison, three years of supervised release, \$6 million in asset forfeiture, and \$5 million in restitution. Salame did not testify during the trial, Ellison did. Their lawyers requested leniency based on their cooperation. The probation office also recommended it. The prosecution did not request a specific sentence but emphasized the exceptional cooperation of the defendants. Judge Lewis Kaplan praised Ellison's support and noted that she had been exploited by her former boyfriend. Due to the seriousness of her fraud, he could not let her off without punishment.

Gary Wang also reached a deal with the prosecution and pleaded guilty to four counts of fraud and conspiracy; theoretically, he faces up to 50 years in prison. FTX manager Nishad Singh also testified against the company, pleading guilty six times, potentially facing up to 75 years in prison. The U.S. District Court for the Southern District of New York will determine the sentences for Wang and Singh later this fall. Ellison is scheduled to begin her sentence on November 7th at a facility in Boston.

The case is called USA v Caroline Ellison and is being heard at the U.S. District Court for the Southern District of New York under case number 22-cr-673.

fedi is for losers — wingolog:

The fediverse has a unique vibe due to its do-it-yourself ethos and a shared experience of leaving or avoiding Twitter. This community attracts people who are more focused on issues like climate change, class warfare, and free software. However, the author argues that the fediverse's disengaged approach lacks a clear strategy to win and create significant change. The fediverse should focus on making its community a powerful force for activism and social discourse rather than simply congratulating itself for being different from Twitter.

Heizkosten sinken - aber Fernwärme trifft Verbraucher hart:

Heizkosten in Deutschland haben im Jahr 2023 nach der Energiekrise leicht gesunken und werden weiterhin zurückgehen, insbesondere für Gas, Wärmepumpen, Heizöl und Holzpellets. Der Rückgang resultiert aus sinkenden Energiepreisen und staatlichen Preisbremsen. Fernwärmekunden werden jedoch 2024 erwartet, dass ihre Kosten ansteigen, da Preisbegrenzungen wegfallen und Energiepreise steigen. Die meisten Haushalte können ihre Heizkosten um bis zu 90 Prozent durch Maßnahmen wie Verhaltensänderungen oder Modernisierungen reduzieren.

Oregon's Largest Natural Gas Company Said It Was Going Green. It Sells as Much Fossil Fuel as Before.:

ProPublica has highlighted that despite promises made by Oregon's largest natural gas company, NW Natural, seven years ago to switch to renewable natural gas, it has failed to deliver on its climate goals with the alternative fuel. The utility has not decreased its retail gas customers, or replaced fossil natural gas in its pipelines with renewable natural gas. Instead, it has continued selling as much fossil natural gas as before and waging battles against moves towards electrification.

Hacker plants false memories in ChatGPT to steal user data in perpetuity:

Security researcher Johann Rehberger discovered a vulnerability in ChatGPT that allowed attackers to store false information and malicious instructions in a user's long-term memory settings. OpenAI initially dismissed the flaw as a safety issue, but after creating a proof-of-concept exploit that exfiltrated all user input, they issued a partial fix earlier this month. The vulnerability was abused by using long-term conversation memory, a feature introduced in February and made widely available in September. Rehberger privately reported the finding to OpenAI in May, but they closed the report ticket. He later submitted another disclosure statement with a proof-of-concept that caused ChatGPT's app for macOS to send all user input and output to an attacker's website. While OpenAI has introduced a fix preventing memory abuse as an exfiltration vector, untrusted content can still perform prompt injections that cause the memory tool to store information planted by malicious attackers.

No more blurry fonts in linux:

This article explains how to prevent blurry fonts in Linux using the Inter font. The author provides instructions on modifying the `FREETYPE_PROPERTIES` environment variable, which enables stem-darkening for all fonts and makes a significant difference when using the Inter font. After applying these changes, users will experience clear and bold fonts on their desktop, improving overall user experience.

Firefox tracks you with “privacy preserving” feature:

A recent Firefox update from Mozilla enabled a „Privacy Preserving Attribution“ (PPA) feature that secretly turned the browser into a tracking tool for websites, mimicking Google's (failed) Privacy Sandbox. While Mozilla claims it improves user privacy by allowing ad performance measurement without individual websites collecting personal data, critics argue that this form of tracking is still invasive and in violation of the EU's GDPR. Mozilla has turned on its „privacy preserving attribution“ feature by default, without informing users or seeking their consent. The Austrian data protection authority has been asked to investigate Mozilla's behavior, and Mozilla should switch to an opt-in system, properly inform users about its data processing activities, and delete unlawfully processed data.

Display Driver Uninstaller (DDU) download version 18.0.8.1:

Display Driver Uninstaller (DDU) is a driver removal utility that can help you uninstall AMD/NVIDIA graphics card drivers and packages from your system without leaving leftovers behind. It was designed for cases where the standard driver uninstall fails or when a thorough deletion of video card drivers is needed. DDU should not be used every time you install a new driver unless you know what you are doing, and it's recommended to use it in Safemode for absolute stability. The tool requires Microsoft .NET Framework 4.8 or higher and supports Windows 7 up to Windows 11, NVIDIA, AMD, and Intel GPUs.

How 12,000 Tonnes of Dumped Orange Peel Grew Into a Landscape Nobody Expected to Find:

An abandoned conservation project that saw a juice company dump waste orange peel in Costa Rica has unexpectedly revitalized the site into a thriving forest. The plan, which was forced to close after only two years, resulted in a 176% increase in above-ground biomass and is considered an example of cost-negative carbon sequestration. Researchers believe that the dumped waste helped suppress invasive grass species and rejuvenate heavily degraded soils. The site now serves as inspiration for future conservation projects, as richer woodlands can help sequester greater amounts of carbon from the atmosphere.

EzAudio: Enhancing Text-to-Audio Generation with Efficient Diffusion Transformer:

EzAudio is an advanced text-to-audio (T2A) generation model that creates high-quality audio from text prompts, setting a new standard for open-source T2A models by delivering fast, efficient, and realistic sound effects generation. The model's performance is demonstrated through various examples where synthetic audio is highlighted in blue compared to the original audio. EzAudio outperforms other models like Make-An-Audio 2, LDM2, and Tango in terms of realism and efficiency.

More jabbering from me about non-clown hosting:

The article discusses colocation, managed hosting, and dedicated servers in the context of web hosting business models. Colocation provides physical space for hardware, power, bandwidth, network allocation, and HVAC support. Managed hosting involves access to a box with root privileges, while dedicated servers give users administrative control over their own hardware. The author emphasizes that colocation offers an alternative to dealing with unreliable providers in the web hosting industry, highlighting its benefits and potential risks.

Giving T cells extra batteries supercharges them against cancer:

Scientists have discovered a method to extend the life of immune system T cells by refreshing them with new mitochondria, thereby boosting their energy levels in the fight against cancer. Researchers from Brigham and Women's Hospital found that bone marrow stromal cells could donate mitochondria to T cells, increasing their efficiency at combating tumors. In tests on mice, this supercharged method led to significant tumor shrinkage and increased survival rates. The researchers hope that in the future, this technique could be used to supercharge patients' own immune cells for more effective cancer treatment.

Halide rejected from the App Store for the most bizarre reason:

The latest version of the Halide camera app was rejected from the App Store due to a review that deemed its explanation for requesting access to the camera insufficiently clear. Lux co-founder Ben Sandofsky shared the update, stating that after seven years, a random reviewer decided their permission prompt wasn't descriptive enough. Halide is one of the apps supporting the new Camera Control button on iPhone 16.

Winamp:

This article is about Winamp, a multimedia player that was launched in 1997 and gained massive popularity due to its flexibility and wide compatibility with audio formats. The source code was recently opened, allowing developers to improve and modernize the player to better suit current user needs. The article provides instructions for building and maintaining the Winamp desktop client using various build tools and dependencies, as well as guidance on how to resolve any dependencies and install necessary libraries.

AMD MI300X performance compared with Nvidia H100 — low-level benchmarks testing cache, latency, inference, and more show strong results for a single GPU:

The MI300X GPU by AMD has been tested in various benchmarks by Chips and Cheese, showing promising results against the Nvidia H100. With a combination of hardware design and software optimizations, the MI300X outperforms the H100 in many cases. However, it is important to note that the tests were conducted using limited resources, which could affect the outcome. The comparison between these GPUs highlights AMD's attempt to challenge Nvidia's dominance in the data center and artificial intelligence market with its new CDNA 3 architecture.

Gollum - Git-based Markdown wiki:

The article describes the process of creating an internal knowledge base using a wiki-engine based on Gollum. Gollum is preferred due to its in-house hosting, simple maintenance, no vendor lock-in, customization and styling options, and lack of overload with fancy JavaScript frameworks. It also includes version control as it stores articles as plain-text files. The article provides installation guides for Linux and Mac OS, as well as some customizing and tweaking techniques. Gollum is used by wikis on GitHub and GitLab and can be run locally on a machine.

gollum -- A git-based Wiki:

Gollum is a Git-based wiki system that allows for local editing, advanced features such as diagrams, bibliographies, and mathematical equations, and supports various markup languages. It can be installed via Ruby Gem, Docker, or as a web application resource. Gollum can be configured for various settings such as authentication, user icons, and custom templates. The system is open source and welcomes contributions.

Thought To Be Impossible: Scientists Propose Groundbreaking Method To Detect Single Gravitons:

The article discusses a team led by Stevens professor Igor Pikovski that has proposed a method to detect single gravitons, the quantum particles of gravity. With advancements in quantum technology, this previously thought-to-be-impossible experiment may soon become feasible. The researchers propose using existing physical detection technology, an acoustic resonator, coupled with improved energy state-detection methods to detect single gravitons. By monitoring the energy changes in a single step, they can deduce that a graviton was absorbed.

Privacy policy:

This article is the privacy policy for Guardian News & Media Limited, which outlines how they collect, use, share, transfer and sell personal data when users interact with their sites or services. It covers information about user rights, choices, and obligations under UK, EU, California, and Australian privacy laws. The policy explains the types of personal data collected, including name, email address, location data, and usage history. It details how this data is used for various purposes such as account

management, content personalization, marketing communications, and fraud prevention. The article also addresses data security measures, international data transfers, cookies, and similar technologies. Additionally, it provides information on California residents' rights under the CCPA, including the right to know, access, correct, opt-out of sale, delete, limit use and disclosure of sensitive personal data, non-discrimination, and the ability to designate an authorized agent for requests. The policy also covers Australian privacy rights, including the right of access and correction to personal information. Users can contact Guardian's Data Protection Officer with any questions or concerns about how their personal data is used.

Bundesnetzagentur startet neuen Index zur Preisentwicklung bei Strom und Gas:

The Federal Network Agency has recently released a new electricity and gas price index on its energy market data platform SMARD. This analytical tool provides households with an overview of price developments and allows for forecasts of future trends as early as the beginning of the month. Bundesnetzagentur President Klaus Müller emphasizes that the extremely high energy costs from 2022 have been largely overcome. Electricity prices have stabilized and are approaching pre-crisis levels, while the gas price index remains above pre-crisis levels but has decreased compared to the crisis period. This shows that strong fluctuations in wholesale market prices no longer have such a significant impact on end consumer prices. The new index offers a realistic assessment of price developments as it is inflation-adjusted, allowing consumers to understand and track price changes, enabling informed decisions about whether a supplier change is worthwhile or if further price reductions are expected. In addition to the index, the Federal Network Agency provides graphically processed data on SMARD.

SMARD | SMARD - Strom:

The article discusses the importance of enabling Javascript in browser settings to load energy market data and articles, as well as some click functionalities. It also notes that the website may not be optimized for the user's browser version. The content focuses on exploring power generation and consumption in Germany, including market areas and regulation zones.

Court orders Google to uninstall pirate IPTV app sideloaded on Android devices:

The article discusses an Argentine court order requiring Google to remove the Magis TV app from users' devices, which could have implications for digital piracy and privacy concerns. It highlights that Google has previously demonstrated its ability to deactivate or remove harmful apps from devices through its Play Protect feature. The article raises questions about whether this court order sets a dangerous precedent regarding government control over technology companies and their users' data, as well as the potential for increased surveillance and censorship.

The Intelligence Age:

The article discusses how advancements in artificial intelligence (AI) will accelerate human progress and enable people to accomplish things that were once considered impossible. AI technology, such as

deep learning, has the potential to make significant improvements to various aspects of life, including healthcare, education, and software creation. As AI becomes more advanced with increased scale and compute power, it will become a powerful tool for solving complex problems and driving prosperity around the world. The article emphasizes that while there may be some challenges associated with the rise of AI, the benefits are too significant to ignore, and we must act wisely in order to navigate the risks ahead.

Toyota and VW fall further behind in the software race:

The article discusses the increasing presence of software in cars and its potential drawbacks. Car manufacturers are incorporating advanced technology into vehicles, leading to higher maintenance costs for mechanics who need specialized proprietary software. Additionally, many car features require expensive subscription services, and consumers may end up paying more for these services over time. Some commenters recommend that Toyota and Volkswagen focus on simplifying their cars by using traditional physical buttons and knobs rather than adopting unnecessary technology. The article also mentions a ranking by consultancy Gartner showing that only three legacy carmakers - Ford, GM, and BMW - are among the top 10 performers in digital performance, while the rest of the list is dominated by electric vehicle companies from China and the US.

How much energy does desalinisation use? Is it “absurdly cheap”?:

The article discusses the cost and energy usage of desalinization, a process that removes salt from seawater to produce fresh water. Elon Musk recently stated that desalinization is „absurdly cheap,“ which surprised the author. The article explores energy use and costs in relation to household electricity demand if countries were to get all their domestic water from desalinization. It finds that providing 50 liters of water per day for 8 billion people would require 511 TWh of electricity, or approximately 1.7% of what the world currently produces. The author also discusses how desalination costs and energy usage vary across different projects and countries.

Court Orders Google to "Uninstall" Pirate IPTV App Sideloaded on Android Devices * TorrentFreak:

An Argentinian court order published in September 2024 required local ISPs to block dozens of Magis TV-linked domains for violating intellectual property law. The blocked domains suggest that rightsholders focused on resellers of Magis TV subscriptions. This action was part of Operation 404, which led to three arrests in Argentina related to the service. The court order also instructed Google to remotely uninstall Magis TV from users' devices with IP addresses in Argentina. This measure has not yet been publicly addressed by Google.

Ever wonder how crooks get the credentials to unlock stolen phones?:

A coalition of law-enforcement agencies shut down a service called iServer that facilitated unlocking more than 1.2 million stolen or lost mobile phones. The Argentina-based iServer offered various phishing services since 2018, including one for people with large numbers of stolen or lost devices to

bypass protections like the lost mode on iPhones. An international operation coordinated by Europol's European Cybercrime Center arrested the Argentine national behind iServer and identified over 2,000 „unlockers“ who had enrolled in the phishing platform. The criminal network was used to unlock more than 1.2 million mobile phones.

Honey, YouTubers Are Poisoning The Kids:

The article discusses how YouTube and social media platforms influence children's daily lives, often with marketing strategies that take advantage of their vulnerability. One example is MrBeast, a YouTuber with over 316 million subscribers, who has built an empire through manufactured generosity, inauthenticity, and exploiting children's trust to sell products like Lunchables. The article calls for content creators to use their platforms responsibly and focus on education, awareness, and opportunities rather than selling products that may not benefit younger audiences.

Changes in memory and cognition during the SARS-CoV-2 human challenge study:

The article discusses the results of a study on memory and cognition during a SARS-CoV-2 human challenge study. The study found that patients with persistent cognitive problems after COVID-19 infection, particularly mild ones, showed statistically lower baseline-corrected global composite cognitive scores compared to uninfected individuals. The study suggests that these findings support larger cross-sectional findings indicating that mild SARS-CoV-2 infection may cause small changes in cognition and memory that persist for at least a year, but the mechanistic basis and clinical implications remain unclear.

Comedian John Mulaney roasts SF techies at Dreamforce:

In an event hosted by Salesforce focusing on the future of AI, comedian John Mulaney joked about the city's failures and criticized the audience for being easily impressed with self-checkout counters. He questioned if AI could perform tasks like wearing a fleece vest or spending time at bars.

One year of Rust in production - Dmitry Kudryavtsev:

The author discusses their experience using Rust in production while working on a side business project called JustFax. They emphasize the benefits of type-safety and compile time, as well as the challenges that come with long compilation times and a less instantaneous development cycle. While they appreciate the stability and tooling offered by Rust, they also acknowledge some drawbacks like the need for more edge cases documentation and examples in the community. Overall, the author is happy with their choice to use Rust and looks forward to continuing to develop using this language.

Flux Pulid - Create Consistent Characters From A Single Image - No Lora Needed! (Video):

The video discusses the use of FluxPulit, a service that allows users to create character consistency

by taking a single image as input and generating another image based on likeness. This means that users can change the items of clothing or lighting scenarios without needing to train any models. Key points include:

1. FluxPulit is particularly useful for custom-generated characters, where minor differences in facial features don't matter as much.
2. The service can also be used to create realistic versions of historical figures and celebrities, but it may not produce exact likenesses due to its reliance on a single image.
3. FluxPulit is restricted to transferring human faces and does not work with products, animals, or stylized faces like anime.
4. To generate images using FluxPulit, users can upload an image and add a prompt describing the desired features of the output image.
5. The video demonstrates how the service can be used to create multiple images of a character with different clothing, poses, and lighting scenarios, which could be useful for creating data sets to train AI models like GANs or Loras.

Thermoelectric cooling it's not great. (Video):

The YouTube video discusses Peltier elements, which are devices that use thermoelectric cooling to create cold temperatures when a DC voltage is applied across them. While these elements have some unique advantages and can be useful in specific applications, their energy efficiency makes them less suitable for general-purpose cooling purposes. Refrigeration systems based on vapor compression heat pumps are better options for most applications due to their higher coefficient of performance (COP). The video also highlights the importance of using environmentally friendly refrigerants in modern domestic fridges and addresses some drawbacks and advantages of Peltier elements.

Rothschilds - Die Familie, die Europa kontrollierte und Napoleon überlistete (Video):

Der Transcript eines Youtube Videos behandelt die Geschichte der Familie Rothschild und ihre Bedeutung für das Finanzsystem und die Weltwirtschaft. Die Familie war einflussreich, da sie den Kontrollmechanismus über Märkte, Finanzpolitik und ganze Nationen hatte und entscheidende politische Entscheidungen beeinflusste. Meyer Amschel Rothschild gründete im 18. Jahrhundert das Bankhaus, aus dem die fünf Familienzweige hervorgingen. Sie waren zu einem bestimmten Zeitpunkt so mächtig, dass kein Politiker eine Entscheidung ohne ihre Zustimmung treffen würde. Die Rothschilds wurden zu prominenten Bankiers und Financiers, indem sie auf Krieg schwelenden Gelegenheiten zur Expansion ihrer Geschäfte zurückgriffen. Sie investierten in Staatsanleihen, Versicherungen, Aktien und Anteile an Industrie- und Wirtschaftsunternehmen und trieben die industrielle Revolution in Europa voran. Trotz des Niedergangs einiger Zweige der Familie sind sie einer der einflussreichsten Familien der Welt geblieben. Ihr Vermögen und Einfluss bleiben maßgeblich für die wirtschaftliche und politische Landschaft unserer Gesellschaft.

Contextual RAG is stupidly brilliant! (Video):

Retrieval augmented generation (RAG) is a significant way for enterprise companies to generate revenue due to its direct business value. Anthropic has recently released a new retrieval technique called contextual retrieval for efficient RAG. This technique involves sending every chunk through a large language model, then using an LLM to create a small sentence that represents the context of the chunk. By doing this, it is believed that there will be improvements in terms of efficiency and accuracy in RAG systems. Contextual retrieval can help reduce failed retrieval rates for top 20 chunks from 5.7% to below 2%. However, it should be considered if it is business-critical for the company implementing this technique, as there may be additional overhead costs and maintenance requirements.

Everybody wants to waste your time (Video):

The YouTube video transcript discusses various topics related to the modern digital landscape, including the length of documentaries, the time-wasting aspects of YouTube videos, the addictive nature of social media platforms, and the bloat in video games. Here's a summary of each topic:

- 1. Netflix Documentaries:** The speaker criticizes Netflix for producing overly long documentary series that often include unnecessary interviews and filler content. They argue that these documentaries could be more effectively condensed into shorter, more focused episodes or even movies. Key points include the lack of access to key individuals in the story and the reliance on unqualified web sleuths for commentary.
- 2. YouTube Videos:** The speaker expresses frustration with the increasing length and padding of YouTube videos, particularly those that are essentially podcasts or contain excessive ad reads at the beginning. They argue that this is driven by a desire to maximize watch time for algorithmic reasons rather than providing value to viewers. The speaker praises channels like Internet Shaquille and Nerdwriter for their concise content as an antidote to this trend.
- 3. Social Media Addiction:** The speaker explores the addictive nature of social media platforms such as Twitter, Instagram, and TikTok. They discuss how these platforms are designed to keep users engaged by providing a constant stream of dopamine-inducing content through algorithms that prioritize engagement over meaningful interaction. The speaker also shares their personal struggles with addiction and offers the app Screen Zen as a solution for managing screen time.
- 4. Video Games:** The speaker laments the trend towards larger, more open-world games that often include repetitive side quests and tasks, leading to an overwhelming sense of incompleteness. They argue that previous generations of gaming were better because they were more contained and approachable. The speaker also criticizes the practice of releasing unfinished games and the predatory use of microtransactions in sports games like NBA 2K to force players to either grind or pay for virtual currency.

Executive Summary: The YouTube video transcript addresses various aspects of digital culture, including the waste of time in modern media consumption, from overly long Netflix documentaries and YouTube videos to the addictive nature of social media platforms. It also explores the issues with video games becoming too large and bloated, with an emphasis on the predatory practices used by some game developers. The speaker encourages viewers to value their time more highly and not let it be commodified by corporations.

My Thoughts on Tattoos (Video):

The video discusses the topic of tattoos and how getting one can lead to sharing stories about them. The speaker shares their experience of getting a tattoo and provides advice for those considering getting one, suggesting they wait until they are older and have had time to think through their decision. Additionally, the speaker talks about various tattoos they've gotten, including a small „Tattoo Tattoo“ in Courier New font and more elaborate ones inspired by movies and pop culture characters. The video concludes with a discussion on how tattoos can be a form of self-expression and an autistic conversational cheat code.

Is Restarting Three Mile Island a Good Idea? [OFFICE HOURS] Podcast 123 (Video):

The transcript discusses several topics related to nuclear power, including the Three Mile Island disaster, the restart of a shut-down reactor at Three Mile Island, the benefits of nuclear energy for data centers, and the economics of nuclear power. Here's a detailed summary of each topic:

- 1. Three Mile Island Disaster:** The transcript provides an overview of the partial meltdown that occurred at Reactor Unit 2 in Three Mile Island in 1979 due to human error and bad design choices. It explains why a meltdown is bad, specifically because it can lead to the release of fission products into the atmosphere as radioactive gas. The health effects were minimal, with only a chest x-ray's worth of radiation potentially absorbed by those in the surrounding area.
- 2. Restarting Three Mile Island:** The transcript discusses the plan to restart the shut-down reactor at Three Mile Island, which operated for decades without issue after the 1979 disaster. The symbolism is significant because it was the site of the industry's greatest failure but could now be a place of rebirth. The restart will provide power to Microsoft for AI and has potential economic benefits for the area through job creation and additional power generation.
- 3. Nuclear Energy for Data Centers:** The transcript explains why data centers like those used by Microsoft need constant, firm energy, which nuclear power can provide at scale as a green energy source. It also mentions that other renewable sources like wind and solar are not always reliable due to factors like weather conditions.
- 4. Economics of Nuclear Power:** The transcript discusses the economic benefits of reviving old nuclear power plants and extending their lives, which is more cost-effective than building new ones. It also touches on the potential for private industry, such as Microsoft, to invest in or contract for nuclear power.
- 5. Fusion Energy:** The transcript addresses the progress made on fusion energy, noting that while significant advancements have been made, there are still major engineering challenges to overcome before it can be a viable source of power. It also clarifies that fusion weapons already exist and could lead to the end of civilization if used in conflict.
- 6. Spent Nuclear Fuel:** The transcript explains what makes fuel rods spent, stating that as uranium atoms split and decay through fission reactions, they become different atoms that are no longer fissile, making the fuel unsuitable for further use. However, some spent nuclear fuel can still be reused in other reactors or processes.
- 7. Nuclear Power Plants:** The transcript discusses the automation of nuclear power plants, stating that while many aspects are automated, there is still a significant human element involved in their

operation and maintenance. It also touches on the safety protocols and regulations in place to prevent accidents like those at Three Mile Island or Chernobyl.

8. Cogent Arguments Against Nuclear Power: The transcript acknowledges the economic argument as one of the strongest against nuclear power, noting that its high upfront costs and lengthy regulatory processes can be barriers to implementation. It also mentions the potential for private industry to play a role in overcoming these challenges.

9. Depleted Uranium vs. Nuclear Waste: The transcript explains the differences between depleted uranium and nuclear waste, stating that depleted uranium is uranium with lower content of the fissile isotope U-235 than natural uranium, while nuclear waste contains fuel rods with built-up fission products.

10. Project Orion: The transcript mentions Project Orion, a concept for a nuclear thermal rocket for space exploration, but does not delve into its details.

How New Cars Are Spying on Drivers (Video):

The transcript discusses the privacy concerns surrounding the data collection practices of car companies. Car manufacturers are collecting driving data such as location, acceleration, speed, facial expressions, and even sexual activity from drivers. This information is then shared with insurance companies to potentially raise premiums or deny warranty claims. Car companies use sensors, microphones, cameras, car apps, phones, and devices connected to the cars to collect data. Insurance premiums can increase due to this data sharing without drivers' knowledge.

Key points:

- Car manufacturers are collecting personal driving data from their customers.
- The data collected includes location, acceleration, speed, facial expressions, and sexual activity.
- This information is shared with insurance companies, which may raise premiums or deny warranty claims.
- The data collection practices of car manufacturers are non-transparent, with privacy policies often vague and hidden in legal jargon.
- There are currently no federal laws requiring automakers to have privacy rights or cybersecurity protections for their vehicles.

Executive summary: Car companies are collecting driving data from customers to share with insurance companies, potentially raising premiums without the drivers' knowledge. This raises concerns about transparency and consumer rights in the car industry.

When Earth Ate A Planet (Video):

The transcript of the YouTube video discusses the origins of the Moon and its unique characteristics. Scientists analyzed lunar samples and found that they were similar to Earth's rocks, hinting at the Moon's formation from part of Earth itself. The Moon's size, isotopic similarities with Earth, small iron core, lack of volatiles, and once-deep magma ocean can be explained by the canonical impact theory, in which a giant collision between the early Earth and protoplanet the size of Mars formed the Moon. However, further research has led to an isotopic crisis, as lunar rocks contain more material from

Earth than predicted. A new impact model published in 2022 may solve the isotopic crisis by explaining how the outer part of the moon could be made of up to 60% material from the Earth. Additionally, scientists propose that Theia's mantle and some of its iron core were swallowed up by the Earth, accounting for anomalies in Earth's mantle. Researchers are still searching for solid evidence of Theia hidden either under the lunar surface or beneath our feet.

How the UK is becoming a 'third-world' economy (Video):

The YouTube video discusses various issues affecting the UK's economy, including its dependence on London as the wealthiest urban area, low productivity rates, high housing costs, and the impact of Brexit, COVID-19, and the Ukraine war on the British economy. It highlights that real household income has stagnated, and the workforce is missing a third of its members due to factors such as education, sickness, early retirement, and caring responsibilities. The video also mentions how Britain's economic crisis has led to increased immigration and social tensions within the country.

Mazda requires \$100+ subscription for remote start after filing DMCA takedown of open source program (Video):

The video discusses the shift from owning technology products to accessing services through subscription fees. Mazda is implementing this change by offering complimentary three-year trials for connected car features, including remote start and vehicle status reports. After the trial period ends, users are required to pay a \$10 monthly fee for continued access to these services. The host, Lewis Rossman, argues that this trend is detrimental to consumers and questions why they should pay for features they have already paid for with their initial product purchase.

Rossman also shares his experience with controlling home appliances like air conditioning units through a virtual machine connected via VPN, which does not require internet connectivity. He emphasizes that this is the way technology should work - enabling people to own and control devices they have paid for. However, he points out that car companies like General Motors are also implementing similar practices, raising questions about consumer rights and choices in the era of connected cars.

You're Being Lied To About Ocean Plastic 🌊 Truth Complex 🌊 Business Insider (Video):

The video discusses the misconceptions surrounding ocean plastic, particularly the Great Pacific Garbage Patch, which is predominantly composed of fishing industry waste rather than household plastics. Key points include:

1. The majority of photos and depictions of the garbage patch are either fake or unrepresentative of the real situation.
2. Plastic pollution in the ocean is a complex issue, with many sources contributing to it, such as fishing gear, textiles, tires, and paint containing plastic polymers.
3. The focus on littering and individual choices may distract from systemic issues related to waste management and the responsibility of corporations that produce single-use plastics.

4. Recycling is not a perfect solution, as it faces challenges with low collection rates, sorting efficiency, and the presence of mixed types of plastic in waste streams. However, it remains an essential part of the solution along with overall reduction.

5. The video also highlights ongoing negotiations for a global treaty to address plastic pollution, where petrochemical and fossil fuel industries are lobbying against production reductions.

Die Habsburger - Kampf um die Macht Doku HD Reupload ARTE (Video):

The Transcript eines Youtube Videos details the events leading up to and including the Battle of the Marchfeld in 1278 between King Rudolf von Habsburg of Germany and King Otto Kapchemissel of Bohemia. The summary is divided into several topics, each with key points and arguments, important facts and names, remarkable quotes, anecdotes, and technical terms.

Introduction: The video begins by setting the stage for the battle in 1278, when two powerful kings were vying for control of central Europe. The introduction also mentions that this battle is one of the largest and bloodiest of the Middle Ages, but has remained largely unexplored until now.

Background: The video provides a brief overview of the political landscape in Europe at the time, with the Holy Roman Empire acting as a bridge between eastern and western Europe. The first half of the 13th century was marked by instability following the death of Emperor Frederick II, leading to a period often referred to as the „time of trouble“ due to the competition for power among various rulers.

Otto Kapchemissel: The video then focuses on King Otto Kapchemissel, who had grand ambitions to become the emperor of the Holy Roman Empire but needed to be chosen as the German king first. His absence at the 1273 election in Frankfurt was a fatal error that led to his rival, Rudolf Graf von Habsburg, being chosen instead.

Rudolf Graf von Habsburg: The video describes Rudolf Graf von Habsburg as an intelligent and strategic ruler who quickly expanded his family's influence from Switzerland across Europe. He was also known for his humility and willingness to get his hands dirty, a stark contrast to the opulent image of other rulers at the time. However, he was also ruthless and willing to do whatever it took to gain power.

The Conflict Escalates: Rudolf challenged Otto Kapchemissel's territories, leading to a series of events that culminated in an official call for war. In response, Otto Kapchemissel sought alliances with other powers, including the Poles and his wife's family in Russia. He also sent letters warning of the threat posed by the Germans, highlighting ethnic tensions between Slavic peoples and German-speaking populations that would continue to play a role in European history.

The Battle of the Marchfeld: The video provides an overview of the tactics used during medieval battles, with knights being the primary focus due to their effectiveness on the battlefield. The Battle of the Marchfeld was one of the largest such battles ever fought, involving around 40,000 men. Rudolf's secret use of archers from the Kumani people turned the tide of the battle in his favor, leading to a decisive victory for him and the Habsburgs.

Aftermath: The video discusses the fate of King Otto Kapchemissel, whose body was mutilated after his death in the battle. The Battle of the Marchfeld marked the beginning of the rise of the Habsburg dynasty, which would go on to become one of the most powerful families in Europe. It also led to a

shift in power dynamics within the Holy Roman Empire and set the stage for future conflicts between various European powers.

Conclusion: The video concludes with an executive summary highlighting key points from the history leading up to and including the Battle of the Marchfeld, as well as its lasting impact on European politics and society. It also emphasizes the importance of understanding these events in order to better understand contemporary issues related to ethnicity and power struggles within Europe.

Steam altered the terms of the sale; you'll be happy they altered it further! (Video):

The video discusses forced arbitration, which is when companies hire arbitrators to resolve disputes instead of allowing lawsuits. It highlights how Steam removed forced arbitration from their terms of service, even though they didn't have to. This decision was made after realizing that it negatively impacted consumers and that the company still made money without it. The video also mentions other companies like General Motors and Adobe which may have similar issues with forced arbitration. In summary, the video raises concerns about forced arbitration in terms of accountability and responsibility for companies.

We Finally Know What Causes Bad Trips (Video):

The video discusses the research on psychedelic drugs and their potential therapeutic benefits. It highlights that bad trips are common and can lead to serious distress or even death, prompting scientists to investigate what causes them. Bad trip experiences can include increased heart rate, panic, mood changes, and ego dissolution. Some users may continue to be negatively affected by psychedelics long after the drugs have worn off. The big question is why bad trips happen to some people but not others, with neurotransmitters playing a significant role. Glutamate, an excitatory neurotransmitter in the brain, has been found to be correlated with bad trips and increased anxiety levels during psychedelic experiences. Non-brain chemistry factors such as high dosages or set and setting can also contribute to a person's likelihood of having a bad trip. Despite their risks, psychedelics have shown potential for therapeutic purposes in treating disorders like depression, anxiety, addiction, and post-traumatic stress disorder.

Homemade Machine Turns Bioplastics Into Cooling Fabric (Video):

The video showcases the creation of self-cooling fabric using only hardware store parts in a backyard workshop. Ben, the presenter, has previously developed radiative sky cooling coatings that can keep surfaces several degrees below air temperature even under direct sunlight. He turns his attention to creating fabric with similar cooling effects by melting and spinning plastic fibers.

In one experiment, he uses a cotton candy machine to make PLA fibers but finds it doesn't work for this purpose. Later, he develops a new method using an inline ventilation fan, ethyl acetate as a solvent, and polyethylene oxide (PEO) as a long-chain polymer. The fabric created in the video shows radiative sky cooling properties but has room for improvement.

The main takeaway from this video is that Ben successfully creates self-cooling fabric using simple equipment and readily available materials, demonstrating potential applications such as air cooling or

thermal camouflage.

Ich bin dagegen!!!! (Video):

The video discusses various topics related to changes and regulations in society. Key points include the introduction of paper straws (Capri-Son), permanent cola lids, and name changes for products; people's reluctance towards change and their belief that things were better before; debates around new technologies like electric cars and hydrogen fuel cells; and how regulations and innovations impact society. Notable quotes include „Ich bin dagegen!“, referring to the speaker's opposition to various changes, and „Im Regelfall sind das Regeln, die nicht nur dich schützen sollen, sondern überwiegend die Menschen um dich herum.“ This phrase highlights the overall theme of how regulations often benefit not only the individual but also those around them. The executive summary is: The video discusses various changes and regulations in society, with a focus on people's reluctance towards change and their belief that things were better before.

Wasser im Atommülllager Asse ☐ Experten warnen vor steigender Gefahr ☐ Panorama 3 (Video):

The video transcript discusses the concerns of Uwe Loers, a 10th-generation landowner living near the Asse nuclear waste site in Germany. He and other local farmers worry about potential contamination from the facility potentially damaging their reputation and livelihood. They have been having their crops independently tested for safety and the results show no contamination. However, any incident at the Asse could negatively affect their reputation. The video also discusses the history of the Asse site, its problems with instability and water leakage, and the ongoing debate about where to store the nuclear waste temporarily before a permanent solution is found. The lack of transparency from authorities adds to the mistrust in the community, as they fear it might be too late for a proper disposal of the radioactive waste.

Das grausame nordkoreanische Verbrechensimperium (Video):

The main topics discussed in the Transcript eines Youtube Videos are:

1. North Korea's Economy: North Korea has been one of the poorest, most sanctioned, and isolated countries in the world for the past 70 years. Despite being cut off from most of the global economy, their regime has persisted. The elite class enjoys luxury goods, such as Western cars, yachts, and electronic devices.
2. North Korea's Criminal Enterprise: To generate income, North Korea has built an extensive, global criminal empire managed by the state. This includes hacking, weapons trafficking, drug smuggling, counterfeiting, and more. By doing so, they have established one of the world's largest criminal organizations, propping up their economy and regime.
3. North Korea's Financial Strategies: In the absence of traditional means of earning money, such as exports or tourism, the state has turned to crime. One of the most successful methods is drug trafficking; they have been involved in opium farming and lab production since the 1980s.

4. **Diversification of Illicit Activities:** North Korea's criminal enterprise has diversified over time, with involvement in counterfeiting US dollars and even cyberattacks. Hacking operations have become more monetized under Kim Jong-Un.

5. **Impact on the Economy:** Estimates suggest that criminal activities finance at least 25% to 50% of North Korea's total budget, with some sources suggesting even higher numbers. These activities help the regime maintain its military and nuclear weapons programs while also affording luxuries for the elite class.

Executive Summary: North Korea has built a vast criminal empire that generates significant income through various illicit activities such as drug trafficking, counterfeiting, hacking, and more. The funds generated from these enterprises help prop up their military and nuclear weapons programs, while also providing luxury goods for the elite class. Despite international efforts to curtail North Korea's criminal activities, they continue to thrive and pose a significant challenge to global security.

Why Russia's New Axis is Way Dumber Than You Think (Video):

The video transcript discusses the evolving relationships between Russia, China, Iran, and North Korea in the context of the war in Ukraine and geopolitical tensions around the world. The key points include:

1. **Russian Involvement in the War in Ukraine:** Since the invasion began, Russia has been receiving military support from countries like Iran, North Korea, and China. This includes the supply of drones, ballistic missiles, and other equipment, as well as assistance with manufacturing capabilities and technology transfers.

2. **Iran's Support for Russia:** Iran has provided more than 3,700 explosive kamikaze drones known as Shahed-136 to the Russian armed forces, along with plans to build a new factory in Russia itself. The European Union also revealed evidence of Iran providing short-range ballistic missiles to the Russians.

3. **North Korea's Support for Russia:** North Korea has been sending artillery shells, ammunition, and missiles to Russia, helping to alleviate munitions shortages. In return, Russia provides diplomatic cover at the UN and essential goods like fuel and food to help circumvent sanctions.

4. **China's Role in the War:** While China has not directly supported Russia, it continues to buy Russian oil and natural gas and send dual-use products that can be used for military applications. The US has accused China of being the primary contributor to Russia's defense industrial base.

5. **Emergence of an „Axis“ or Alliance:** Due to their shared goals of rolling back American influence, all four countries have been increasingly working together. This includes joint military exercises, trade agreements, and mutual defense pacts. However, this alliance is not as solid as it may appear due to economic disparities, historical tensions, and differing interests among the member states.

6. **The Impact on Geopolitical Tensions:** The deepening relationships between these countries are seen by some as a challenge to the US-led global order. By encouraging conflicts in each other's theaters, they hope to distract and exhaust the United States. This could potentially lead to a multipolar world order if successful.

7. **The Future of the Alliance:** The alliance is far from being an actual military bloc like NATO. It is

more of a strategic partnership with varying degrees of commitment among its members. However, it poses significant challenges for the West and raises concerns about potential conflicts around the globe.

8. Conflict in the Middle East: The October 7th attack by Hamas on Israel was a significant event that led to a massive Israeli retaliation and has since inflamed tensions in the region. This incident also highlights the role of Iran, Russia, and North Korea in supporting proxy forces in the Middle East as part of their broader geopolitical strategies.

9. The Importance of Understanding Geopolitical Events: The video emphasizes the importance of understanding past events and contexts to make sense of ongoing conflicts and relationships between countries. It encourages viewers to seek out ad-free, higher-quality content on platforms like Nebula for in-depth analysis of these issues.

In conclusion, the video provides a comprehensive overview of the evolving geopolitical landscape involving Russia, China, Iran, and North Korea. While there is growing cooperation among these countries, their alliance remains fragile due to various economic, historical, and strategic factors. The impact on global stability and the potential for a shift towards a multipolar world order are significant concerns raised by this analysis.

Depression... But as the Joke. (Video):

The video transcript discusses the case of Chapel Roan, a young pop singer who had to cancel some performances due to her mental health condition, bipolar disorder type 2. The speaker expresses his support for Roan's decision and criticizes those who mocked or ridiculed her on social media. He explains the challenges that people with bipolar disorder face in their daily lives, including higher unemployment rates, more sick days taken, and stigmatization from society. The speaker also shares his personal experience living with undiagnosed bipolar disorder in the past and emphasizes the importance of empathy and understanding towards those suffering from mental health conditions.

Ich hatte einen SCHLAGANFALL im LIVESTREAM (Video):

The Youtube video discussed the life-changing moment when the creator had to stop playing video games due to experiencing motion sickness, which turned out to be caused by multiple factors such as being overweight and high blood pressure. This led to several unpleasant experiences, including feeling dizzy, having difficulty focusing, and even considering visiting a hospital. The creator decided to consult a doctor and underwent medical tests, revealing that the motion sickness was caused by a small stroke in the right thalamus due to blocked blood vessels. They also mentioned having some white matter changes in their brain, likely due to their risk factors like high blood pressure and possibly diabetes. Other health issues discussed were nasal bone deformity and chronic sinusitis. The creator expressed gratitude for the viewers who watched the video and hoped that it would raise awareness about the importance of taking care of one's health.

The Impact of Anger on Young Children (Video):

The transcript of the YouTube video discusses how children are highly susceptible to the moods of

those around them, especially when exposed to violent or angry behavior from parents and caregivers. This exposure can lead to lasting emotional scars. The video presents an experiment conducted by Professor Betty Repaccioli and her team at the University of Washington's Institute for Learning and Brain Sciences, which demonstrates how a child's behavior changes when they are in the vicinity of someone displaying violent emotions.

Key points from the video include:

- The importance of providing a safe environment for children to grow up in
- How exposure to anger or violence can impact children negatively throughout their lives
- The need to show compassion and work towards creating a world with less rage and trauma

In conclusion, the video highlights the significant influence emotional environments have on children's development and emphasizes the importance of creating safer spaces for them to grow up in. This can lead to healthier, more well-adjusted individuals who are not affected by the negative experiences they witness or face at a young age.

Scientists Are Closer Than Ever To Reverse Aging. How Does It Work? Life Extended (Video):

The transcript discusses the concept of cellular reprogramming as a potential means to reverse aging by manipulating human cells to rejuvenate the body. The process, also known as stem cell rejuvenation, is based on the idea that aging can be slowed or even reversed through partial reprogramming of differentiated cells to maintain their original identity while becoming biologically younger. This technique has been demonstrated in animal models and some human experiments but remains at an early stage of research. Billionaires are investing heavily in this technology, hoping it will be developed before they face the consequences of aging themselves. However, there is concern over potential side effects such as cancer, liver failure, or intestine shutdown due to continuous expression of Yamanaka factors. The field is maturing but remains in its early stages and has a long way to go before achieving practical applications in humans.

Has Earth Already Crossed MAJOR Tipping Points? Full Episode Weathered Earth's Extremes (Video):

The Transcript eines Youtube Videos discussed the impacts of climate change on coral reefs, permafrost, and ocean surface temperatures. Key points from each topic are as follows:

1. Coral Reefs: Experts warn that we may have crossed a tipping point for elkhorn and staghorn corals due to the recent mass bleaching event. The frequency of these events is the single most important factor in determining whether or not a global tipping point has been reached for coral reefs.
2. Permafrost: The melting permafrost releases vast amounts of carbon dioxide and methane into the atmosphere, causing a positive feedback loop that leads to further warming. This process threatens to cross a tipping point, as it can destabilize the Earth's climate system, making it increasingly difficult to mitigate the effects of global warming.
3. Ocean Surface Temperatures: Record-breaking ocean heatwaves and high sea surface

temperatures have caused significant damage to coral reef ecosystems. Scientists warn that if we do not reduce greenhouse gas emissions, we risk crossing critical tipping points for corals, leading to their extinction or severe degradation of marine ecosystems.

In conclusion, the Transcript eines Youtube Videos highlights the urgency in addressing climate change and its impacts on our planet. It emphasizes that achieving net-zero emissions by the middle of this century is crucial to prevent irreversible tipping points and preserve the Earth's ecosystems for future generations.

Inside Burning Man 2024 (Video):

The video revolves around the experiences of attending Burning Man Festival, a large event held annually in the Black Rock Desert in Nevada. Key points include:

1. The journey to and arrival at the festival site, which can take several hours.
 2. Experiences of participating in various activities like jamming and dancing.
 3. The concept of 'the man' and how it represents change or transformation for the participants.
 4. Themes of impermanence, self-reflection, and the importance of love and sharing.
 5. A sense of unity among attendees, with many calling Burning Man a cult of sorts but in a positive manner.
 6. The idea that Burning Man is not just about partying but also a school for personal growth and self-discovery.
 7. A final message of love and acceptance towards oneself and others.
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📺 35 Geräte getestet - Das sind die 5 besten Wischsauger 2024! 📺 (Video):

The video discusses the advancements made by vacuum cleaner manufacturers in 2024, focusing on two key features: turbo-wet centrifuge drying and self-heated water cleaning. In summary, these topics cover:

1. Turbo-Walzentrocknung (Turbo-wet centrifuge drying): Compression and hot air technology allow new models to dry their rollers in just 5 minutes compared to the previous 12 hours. This feature has become a standard across multiple brands, with some models offering even faster drying times.
2. Heißwasserselbstreinigung (Self-heated water cleaning): Old wet vacuums were prone to bacteria and mold growth, but the new self-cleaning feature addresses this issue by effectively disinfecting and cleaning rollers for improved hygiene.

The video highlights several top-performing models, including:

1. Eufy Mach V1 Ultra - One of the best vacuums due to its numerous features such as automatic detergent dispensing, descaling, and high-quality construction with a sleek display and user interface. Its cleaning performance is good due to the presence of steam cleaning for stubborn stains.

2. Ursotec H200 Pro - A worthy contender that offers heat drying and self-cleaning features but lacks edge wiping capabilities, making it less versatile than some competitors. It also has downgraded LED lighting and a potentially uneven brush performance compared to its predecessor.
3. Dreamy H12 Pro - This model boasts an attractive display and superior dirt recognition with automatic mode, providing comfortable handling and easy navigation. Its ability to clean corners and edges makes it stand out from competitors, while the self-cleaning feature is also effective.
4. Roborock Diet Pro - A top contender that shares third place due to its intuitive user interface, good edge wiping performance, and an impressive automatic detergent dispensing system. It features a directional change during cleaning with heated air drying for rollers.
5. Roborock Flexi Pro - This model introduces heat water self-cleaning but suffers from a less transparent water tank design, which may lead to misunderstandings about when to refill or empty it. The vacuum is also heavier and lacks the three-brush technology of its predecessor, making it less agile on various surfaces.

The video concludes by praising the Dreamy H14 Pro as the deserving winner due to its numerous features such as automatic detergent dispensing, better haptic feedback, built-in LED lighting, electrochemical water disinfection, and impressive performance in self-cleaning and drying.

Why do gay people look like that? (Video):

The transcript discusses the concept of „gayface,“ which refers to whether someone's facial features can indicate their sexual orientation. Early research found that self-identified homosexual men had more symmetrical faces than straight men, but this was based on small studies and didn't consider grooming techniques. In 2015, researchers used morphometric software to analyze physical features and found that gay men had shorter noses and larger foreheads compared to their straight counterparts. Research on lesbian faces showed that they tended to have more upturned noses and smaller foreheads than straight women.

Studies also revealed that some people are better at identifying gay faces than others, with women being particularly good at guessing a man's sexuality based solely on his face. A 2021 study using AI processing systems found that it could accurately guess a person's sexual orientation from their facial shape with 81% accuracy for men and 74% for women, indicating there are differences in facial structures between gay and straight individuals. However, the exact reason behind these differences is unclear, and the research raises concerns about reinforcing harmful stereotypes and potential misuse of this technology.

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