Links für 2023 KW 30

Zusammengefasst von LlongOrca.

ARD Mediathek: Pichelsteinerfest in Regen:

The video is about the popular Pichelsteiner soup being the main dish at the Pichelsteinerfest in Regen, Lower Bavaria. During the festival procession, the cook is honored appropriately and then people enjoy the traditional meal at the folk fair afterwards.

Paragraph 55%:

Die Um Brwurzerei Hieke Zwiesel bietet einen 2% Zahlart-Rabatt und bis zu 10% Umsatzrabatt, sowie ein Mengenrabatt bis zu 8%. Sie müssen Javascript in Ihrem Browser aktivieren, um den Vollumfang nutzen zu knnen. Für Bestellungen ist das Warenkorb erforderlich, wo weitere Flaschen hinzugefgt werden kennten. Es wird auf die Anwesenheit von Thujon, einem aus dem Wermuthkraut gewonnenen Inhaltsstoff, hingewiesen, der zusammen mit Anis und Sholzwurzeln die Essenz des Produkts ergibt.

ffmprovisr:

This article provides a guide on how to join files together using FFmpeg command line tool. The process involves creating a text file with a list of the input files you want to combine, running the ffmpeg -f concat -i mylist.txt -c copy output_file command, and making sure the input and text files are in the same directory or using -safe 0 for compatibility. The article also discusses some variations of combining files, such as joining different types, file sizes or resolutions, or handling silent portions at the beginning or end of an audio file.

GPTE - Latest AI News, Prompts, Tools, Trends:

This article highlights various AI tools and services available in the market, including text-to-speech, logo design, copywriting, video creation, image generation, podcast transcription, voice generator, listening to content via podcast player, SEO optimized writing, intelligent AI assistant training, chatbots optimization, and more. Many of these tools are available for free or at a low cost with freemium options.

Scientists May Have Found Mechanism Behind Cognitive Decline in Aging:

Scientists at the University of Colorado Anschutz Medical Campus have discovered a central mechanism behind cognitive decline associated with normal aging. The mis-regulation of a brain protein called CaMKII, crucial for memory and learning, plays a key role in this process. Researchers found that altering the CaMKII protein causes similar effects to those experienced during natural aging. The study suggests potential pharmacological treatment strategies for targeting the mis-

regulation of the protein and could lead to treatments or therapeutic interventions aimed at preventing normal cognitive decline. However, this approach would not apply to age-related cognitive decline in cases such as Alzheimer's disease and dementia.

How the Ultrawealthy Use Private Foundations to Bank Millions in Tax Deductions While Giving the Public Little in Return:

The article discusses the tax-exempt status of private foundations, which allows billionaires to receive significant tax breaks for donating their mansions to their own charitable organizations. Critics argue that some wealthy individuals use these foundations to obtain substantial tax deductions without providing a meaningful public benefit in return. The article cites examples of billionaires using foundation assets for personal use, such as buying property next to their own home or acquiring shares of tech companies without offering them to the general public. The IRS has been criticized for not enforcing stricter rules surrounding private foundations and ensuring that they serve a genuine charitable purpose.

Police are not primarily crime fighters, according to the data:

A new report by advocacy group Catalyst California and the ACLU of Southern California reveals that police departments spend very little time on crime control, contrary to popular belief. The research is based on county budgets' numbers and data provided under the state's Racial and Identity Profiling Act, which took effect in 2019. It found longstanding patterns of racial disparities in police stops across the country. Sheriff patrol officers spend significantly more time on officer-initiated stops (proactive policing) than they do responding to community members' calls for help. Most of these stops are pointless, and researchers argue that millions of public dollars are being wasted. The study questions the prevailing narrative that police agencies use public funds to keep communities safe, as most of their practices contradict this belief.

Germany's auto industry: suppliers' confidence waning:

Bosch, a multinational engineering and electronics company, has announced an agreement between management and employee representatives that ensures no compulsory redundancies for its 80,000 employees in Germany until the end of 2027. This move will benefit workers in the traditional internal combustion engine sector who face job uncertainty due to automakers' transition processes. Bosch CEO Stefan Hartung emphasized that the goal should be to make transformation socially acceptable for all involved. The auto supplier division, accounting for almost 60% of Bosch's sales in Germany, is expected to undergo a lengthy and complex transition period as it adjusts to electromobility and electronic networking.

Four ways to shoot yourself in the foot with Redis:

This article discusses common mistakes made when working with the Redis database and how they can lead to production outages. The author shares their personal experiences, highlighting key lessons in using concurrency in Redis, managing long-running operations through scripts/functions,

setting alerts on memory usage, and selecting appropriate abstractions for data storage.

Enjoy Alcohol, Without the Hangover:

Researchers are working on developing hormone shots and alcohol substitutes to reduce the harmful effects of alcohol consumption. One company, GABA Labs, is creating a synthetic alcohol called Alcarelle that targets the brain's relaxation receptors without causing hangovers or negative health issues. Another approach involves developing drugs to lower alcohol cravings and potentially help reduce overall drinking levels. Additionally, researchers are investigating a stress hormone that could sober up inebriated individuals more quickly. These innovations aim to address both the addictive nature of alcohol and its negative impact on health.

BEFFE:

The BEFFE value is a criterion used to evaluate meat products in terms of their composition. It is defined as the difference between total protein and the sum of added proteins, foreign protein-free nitrogen compounds, and native proteins. Indirectly measured, the BEFFE value cannot be directly determined in raw materials or finished products. Proteins from supplements like milk proteins or plant proteins are considered foreign proteins, while compounds such as protein hydrolysates or ammonium salts (illegal additives) are classified as foreign nitrogen-compound substances. These criteria help ensure that the character and quality of meat products remain sustainable over time.

Panic Among the Streamers:

The article discusses how CEOs in the entertainment industry are investing heavily in AI technology at a time when they are also facing labor disputes with creative professionals. Companies such as Netflix and Disney have several job openings related to AI, while tech-based streaming services like Apple and Amazon have already made significant investments in AI. The author suggests that this trend could lead to acquiring AI startups next year and become the new focus of the music industry. However, with ongoing struggles in corporate environments and an unstable economy, it remains uncertain whether these strategies will last in the long run.

Our Universe wasn't empty, even before the Big Bang:

The notion of „nothing" in the physical Universe may not be possible as the Universe seems to always generate new forms of energy even when it appears empty. The expansion and cooling process of the Universe leads to radiation, and with dark energy, a zero-point energy exists inherent within space itself. In the far future, the only remaining form of matter will be dark energy. Dark energy and zero-point energy ensure that the Universe cannot become truly empty due to constant radiation and laws of physics.

Techdirt:

The Kansas Highway Patrol (KHP) has been accused of engaging in a practice called the „Kansas Two-Step," where troopers routinely violate motorists' rights and ignore Supreme Court precedent. This tactic is mainly aimed at out-of-state motorists with vehicles traveling between Colorado and Missouri on federal highway I-70 in Kansas.

A recent federal court decision ruled that the „Kansas Two-Step" practice violates the Fourth Amendment right against unreasonable searches, as KHP troopers often fail to inform drivers that they have the right to reject a search or revoke consent during a traffic stop, resulting in pretextual stops and illegal searches. The court also imposed restrictions on KHP policing practices and appointed a special master to audit its work for at least four years.

Azure-GPU-Setup/README.MD at master · leestott/Azure-GPU-Setup:

The article is about setting up Azure GPUs and its related features on the Microsoft cloud platform. It covers topics such as GPU instance types, resource provisioning, pricing considerations, performance tuning, and managing applications in a GPU-accelerated environment. The content encourages users to explore further by visiting GitHub's website or documentation for more detailed information.

@isotopp über Zero Trust:

The mastodon thread discusses the concept of Zero Trust and its implementation challenges within organizations. It highlights that a comprehensive and effective adoption of Zero Trust principles requires significant financial and human resources over time. Additionally, it emphasizes the importance of interoperability between products for successful implementation and the need to communicate these changes with employees. The article also mentions potential performance impacts on devices due to continuous monitoring and signature verification processes required by Zero Trust implementations.

Commander Keen's Adaptive Tile Refresh:

Adaptive Tile Refresh (ATS) is a crucial piece of technology that powers the Commander Keen series. It enables smooth horizontal and vertical scrolling on Enhanced Graphic Adapter (EGA) cards, which had limited bandwidth for refresh rate purposes. The key to ATS is to maintain a virtual screen in VRAM to minimize updates required during scrolls, using registers such as CRTC Start, OFFSET, and PEL for smooth horizontal scrolling.

In the second trilogy of Commander Keen games, a new method called „Drifting" was introduced, which removed the need for jolts (expensive redraws) by allowing the CRTC to start address to drift until it wraps around the 64KiB space of EGA cards. This made it possible to display unique worlds without repeating patterns and with minimal performance impact on users' systems.

Kern Type:

This article discusses a letter spacing game called „KernType" created by Method of Action. The game

tests players' keyboard shortcut skills, including selecting next/previous letters, navigating screens, and adjusting space between characters using shift+keys combinations. The player's score out of 100 is provided at the end of the game, and they can play again.

Tesla's secret team to suppress thousands of driving range complaints:

Tesla has been accused of creating a secret team to suppress thousands of driving range complaints. According to Reuters, the company rigged dashboard readouts in its electric cars about a decade ago to show more optimistic predictions for how far owners could drive before needing to recharge. As Tesla became increasingly overwhelmed by driving-range complaints last year, it created a special team tasked with cancelling owners' service appointments.

How the 'lazy girl job' took over work TikTok:

The „lazy girl job" trend on TikTok is gaining popularity as people seek more sustainable salaries and flexible conditions. Gabrielle Judge, a content creator, coined the term to describe low-stress jobs with good pay, primarily targeting non-technical roles with 9-to-5 schedules. The trend is not about laziness but rather challenges traditional workplace expectations and emphasizes autonomy, flexibility, and prioritizing mental health. This new mindset aligns with the growing demand for a better work-life balance in light of the Great Resignation.

Do Unforgettable Work:

The article emphasizes the importance of doing unforgettable work, which includes responding instantly, finishing tasks quickly, and exceeding client expectations in every possible dimension. To achieve this, embracing experience, empathy, and eccentricity is recommended, while continually reinventing oneself is key to success.

Emotionally Numb: Expertise Dulls Consumer Experience:

The article discusses the various components of a PDF, including Split View, Figures & Tables, Video, Audio, and Supplementary Data. It also mentions an advertisement in the article.

CUDA Toolkit 11.7 Downloads:

CUDA Toolkit 12.2 is a software development platform for creating parallel applications on NVIDIA GPUs, with enhancements in performance, efficiency, and support for new hardware architectures. In this article, users can find downloads, documentation, training resources, sample code, forums, previous releases archive, FAQ, open-source packages, and the option to report bugs.

The Eupnea Project:

The Eupnea Project allows users to choose from various Linux distributions and desktop environments to create a bootable image for supported 64-bit Chromebooks. Some of the available options include Ubuntu, Fedora, Pop!_OS, and Arch Linux.

Smart Contract Security Field Guide:

The Smart Contract Security Field Guide is a free resource aimed at sharing knowledge, insights, and best practices for writing secure smart contracts. It covers hackers' perspectives on vulnerabilities and offensive security topics. The guide remains independent, without corporate interests or hidden agendas. Users can explore the content anonymously with privacy in mind. The author welcomes feedback through a submission form.

Zusammenarbeit mit LBB endet: Amazon-Visa-Karte wird eingestellt:

Die Landesbank Berlin informiert Besitzer der Amazon-Visa-Karte darüber, dass ihre Zusammenarbeit eingestellt wurde und dass die Karte nicht mehr nutzbar ist. Kunden können eine neue Visa Card Extra mit einer Jahresgebhr von 19,99 Euro beantragen, bei der es keine Partnerkarte gibt und nur Teilzahlung erlaubt ist, wenn Guthaben auf das Kartenkonto gebucht wird. Amazon entwickelt ein Nachfolgeprodukt für die eingestellte Visa-Karte.

A comprehensive guide to running Llama 2 locally:

This article discusses how to run and fine-tune Llama 2, a large language model, locally on various devices like Macs, Windows, Linux, or even smartphones. It provides instructions for setting up three open-source tools – Llama.cpp, Ollama, and MLC LLM – that make it possible to run Llama 2 on your own devices without the need for an internet connection.

CAP theorem:

The CAP theorem states that any distributed data store can provide only two of the following three guarantees: Consistency, Availability, and Partition Tolerance. When there is a network partition failure, one must choose between consistency or availability. In the absence of a partition, both availability and consistency can be satisfied. Systems designed with ACID (Atomicity, Consistency, Isolation, Durability) guarantees in mind choose consistency over availability, while systems designed around the BASE philosophy, common in the NoSQL movement, choose availability over consistency.

Big Tech's Takeover and Destruction of Open Protocols and Networks:

In „Assault on the Open Internet," the author warns Mastodon server owners to block Facebook's Barcelona (now Threads) servers due to their compatibility with ActivityPub, the protocol that

Mastodon uses. The article discusses how corporations like Google and Facebook have a history of killing open communications protocols and emails, wanting control over their users for financial benefits. It also mentions that governments are increasingly forcing tech companies to censor and spy on their users. Due to this inherent issue with trusting corporations in open networks, the author argues that the Fediverse cannot survive without strict blocking measures.

Kagi Search - A Premium Search Engine:

Kagi is an ad-free and fast search engine that prioritizes quality information over monetization. It offers features such as lenses, personalization, and the ability to mute or prefer websites in results. Its aim is to provide users with a clutter-free and unbiased search experience tailored to their needs.

Sterbefälle und Lebenserwartung:

The article discusses the topic of life expectancy, which is an important demographic indicator. Higher life expectancy also indicates a high standard of living and good healthcare. Life expectancy values are used for calculating pensions and insurance premiums and to determine age-related risk assessments and bonuses. The calculation of life expectancy relies on so-called mortality tables. Over the past 150 years, life expectancy in Germany has significantly increased, mainly due to a decrease in infant and child mortality rates. However, more recently, there has been an increase in life expectancy at older ages as well. Currently, over 20 countries have higher life expectancies than Germany, including Austria, Switzerland, and France. During the coronavirus pandemic, life expectancy in many countries, including Germany, has declined. The development of the number of deaths has been shaped by two factors: an increasing proportion of older people and steadily increasing life expectancy. In most years, this has led to a dampening effect on the annual increase in the number of deaths. However, since life expectancy did not continue to increase during the pandemic, mortality rates have risen more than can be explained by the growing proportion of older people.

At this company, we are family:

The article discusses a family's decision to terminate one of its members, Timmy, due to financial constraints caused by current economic conditions. Despite making sacrifices, such as reducing golf outings and no longer buying a current car model, the family believes that cutting redundancies is necessary for maintaining competitiveness with other families. As part of his termination package, Timmy receives an 80% allowance for three months and the option to purchase health insurance. The letter also provides information on adoption agencies for him to search for a new family and reminds him not to discuss his termination or damage any property while leaving. Finally, the family expresses gratitude for having Timmy as a part of their lives.

Autoenshittification:

This article discusses how the computer has played a significant role in disrupting capitalism, particularly in the automotive industry. The author argues that car manufacturers are increasingly

turning their vehicles into high-speed data extractors with numerous digital systems, which leads to various problems such as repair nightmares, recalls, and cybersecurity vulnerabilities. Moreover, these digital features also impact customer satisfaction negatively. In addition, the article presents an analysis of how car companies embrace digitalization due to its potential for rent-extraction. The author suggests that digitization has enabled companies like Amazon to create new revenue streams through feudalism while diminishing the value of capital. The article concludes by emphasizing the risks associated with remote attestation technology, which could result in increased rent-seeking and a loss of self-determination for users.

Prof Danny Altmann: the burden of long COVID:

A recent scientific review of long Covid conducted by UK researchers suggests that the burden of post-infection symptoms is so large it's „unfathomable". The study found if 10% of acute infections led to persistent symptoms, up to 400 million people could be affected worldwide. Symptoms range from mildly disruptive to severely disabling and can include breathlessness, fatigue, wheeze, post-exertional malaise, and brain fog. The research highlights the need for further long Covid research, as currently, only New Zealand has invested zero funding in bio-medical long Covid research.

Microsofts gestohlener Schlüssel mächtiger als vermutet:

This article discusses a stolen key from Microsoft's Exchange Online, which was potentially used as a masterkey for large parts of the Microsoft cloud. Security firm Wiz claims to have identified the stolen Microsoft key used by hackers to access government email accounts and potentially gain access to nearly all Microsoft cloud applications like Sharepoint or Teams. Even client apps in the cloud with „Login with Microsoft" could have been compromised. The extent of their access is unknown, as Microsoft hides behind non-committal statements.

Microsoft faced a major problem when a US agency reported suspicious activities in their online Exchange accounts in mid-June. Hackers suspected to be Chinese, called Storm-0558, gained unauthorized access by obtaining the digital signature key from Microsoft. They were able to create self-functioning tokens for Outlook Web Access (OWA) and Outlook.com and then download emails and attachments using scripts. How this theft happened or why these tokens still functioned is unclear, as Microsoft has yet to clarify this issue a month later.

Additionally, there seems to be an issue with validating signatures in Microsoft's cloud services. The company allows its digital signature to be used in Azure Active Directory for business customers, which is not intended for private accounts. This led to the theft of the OpenID Signing Key from Microsoft's Exchange Online. It is still unclear how widespread this compromise was and what the hackers did with their access.

Microsoft has blocked the compromised key to prevent any further unauthorized access, but it is unknown if Storm-0558 or other attack groups exploited this vulnerability before Microsoft took action. The article concludes by stating that a third-party audit should be conducted to ensure that no unauthorized activity occurred in the affected accounts.

Google's nightmare "Web Integrity API" wants a DRM gatekeeper for the web:

Google has proposed a new web standard called „Web Environment Integrity API" to learn more about users, ensuring they are not bots or that the browser hasn't been modified in unapproved ways. This data would be useful for advertisers to better count ad impressions, enforce intellectual property rights, and secure financial transactions. The proposal is currently only a „proposal" API, but Google has published an „intent to prototype" notice, meaning it plans to build the feature into Chrome for testing purposes.

Deadly global heatwaves undeniably result of climate crisis, scientists show:

The human-caused climate crisis is responsible for deadly heatwaves in Europe and the US, according to scientists. The analysis found that greenhouse gas emissions made the heatwaves hotter in these regions compared to if humankind had not altered the global atmosphere. Climate-related events like extreme heat are increasingly affecting lives and livelihoods across the world, urging governments to address the issue of fossil fuel emissions and implement strategies for adaptation.

How Signal Walks the Line Between Anarchism and Pragmatism:

Signal is a free app that allows users to communicate securely and privately. Its founding aim was to make end-to-end encryption accessible for the general public, enabling safe communication by keeping it private from corporations, governments, and hackers. Initially designed in response to Edward Snowden's need for secure messaging, its user base has since grown to include journalists, activists, politicians, and celebrities. However, Signal struggles with scaling up key features such as group chat organization due to the technical challenges of maintaining end-to-end encryption.

Request for Position: Web Environment Integrity API · Issue #852 · mozilla/standards-positions:

The article discusses the importance of following standards and positions within a project or organization to ensure efficiency and effectiveness. It also highlights the number of forks, stars, and date associated with a project or organization. However, it seems that there might be an issue preventing some actions from being performed at this time.

Full Letter— Parents, environmentalists to Google: stop Chromebooks from expiring this summer:

The U.S. PIRG Education Fund has written to Google's Vice President and General Manager of ChromeOS, John Solomon, urging him to extend the life of 13 Chromebook models that are due to reach their Automatic Update Expiration date in three months. The fund claims that Chromebooks have a short lifespan due to various software and hardware issues, causing many schools to accumulate broken or expired devices. The letter calls for students to learn sustainable digital literacy and the importance of device repair and longevity. Google has expressed its commitment to a circular economy with products designed to last longer.

Your Mystery: Have Attention Spans Been Declining?:

Thank you for providing this detailed summary and analysis of the article. It seems like individual attention spans may have been declining over time, especially with the widespread use of the internet. There could be a connection between technology usage and attention span, as social media, smartphones, and internet usage require frequent switching between tasks, potentially decreasing the ability to focus on complex or difficult problems. The introduction of the CPT family of tests might be useful in conducting future research to study attention spans and their potential decline. It would be essential to develop a reliable instrument for measuring attention span and replicate studies using the CPT across different age groups, genders, and other relevant factors. Comparing results from such studies could potentially reveal trends in attention spans over time and provide insight into possible causes of any observed decline. Additionally, future research could investigate how technology usage impacts various aspects of attention, including sustained, selective, and alternating attention. By examining the effects of different types of technology on attention span, as well as developing better ways to measure attention span, we can potentially develop strategies to improve our ability to focus in an increasingly distracted world.

A simple guide to fine-tuning Llama 2:

This guide demonstrates how to fine-tune the Llama 2 model, which is currently leading on the Open LLM leaderboard, for dialog summarization. The process involves using Huggingface libraries and finetuning a pre-trained Llama 2 model with a dataset of user's own Google Keep notes. Users are guided through cloning necessary repositories, downloading models, converting them to Hugging Face format, running the fine-tuning notebook, and finally, running inference on their fine-tuned model. This tutorial is part of a series that will also cover formatting user's own datasets for training Llama 2 on custom tasks.

Python: Uncovering the Overlooked Core Functionalities:

This article discusses various lesser-known functionalities and features of Python programming, such as multiple context managers, evaluation of default arguments, extended iterable unpacking, and the use of the Python debugger. It also touches on other features like two ways to use underscores, collections.Counter class, itertools functions for combinations, cartesian products, and more. These lesser-known functionalities can greatly enhance a programmer's experience in using Python.

The "Three Things" Exercise for getting things out of talks:

The „Three Things" Exercise is a method for getting more out of talks, especially useful for those in their first few years of attending seminars. The idea is to focus on finding and capturing three meaningful pieces of information or concepts from the talk, which can be definitions, examples, questions, motivations, or any other relevant point. By doing this, individuals can better retain and process the material presented in talks. Additionally, discussing these findings with others who participated in the exercise can further enhance understanding and foster follow-up discussion.

FMEA:

Here is a summary of the article on FMEA (Failure Mode and Effects Analysis):

FMEA (Failure Mode and Effects Analysis) is an analytical method used in reliability engineering to provide qualitative assessments. It involves evaluating potential product failures based on their significance for the customer, probability of occurrence, and likelihood of detection. Different industries use various FMEA methods, with the German Automotive Industry often adhering to VDA standards. The method is primarily used in design and development phases, particularly in automotive, aerospace, and other industrial sectors where it plays an integral role in quality management and safety enhancement.

The FMEA process is typically carried out by multidisciplinary teams that include design, production planning, quality management, and manufacturing. The analysis involves identifying potential risks at various stages of the product or system life cycle, considering all possible interactions between different components and their combined effect on overall performance.

The FMEA method aims to prevent failures from occurring in the first place by anticipating potential problems early on during the design phase rather than addressing them after they have occurred or been discovered by customers. In practice, this results in cost savings due to reduced control and failure correction costs in production or with the customer. Additionally, it prevents reoccurrence of design flaws in subsequent products or processes, ultimately contributing to improved product quality and overall system reliability.

FMEA is typically divided into various types, such as Design-FMEA (D-FMEA), System-FMEA (S-FMEA), Hardware-FMEA, Software-FMEA, Proces-FMEA, and Reverse FMEA. Each type caters to specific needs within the product or system life cycle.

By incorporating FMEA into the design and development process, organizations can ensure a higher level of product reliability, reduce manufacturing defects, and improve overall customer satisfaction. This approach is particularly important in industries where safety and dependability are critical factors for success.

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