RSS Digest
Generated at: 2026-02-13 09:38:55

1. Raspberry Pi Pico Mini Rack GPS Clock
Source: Jeff Geerling | Published: Mon, 12 Jan 2026 09:00:00 -0600
Link: https://www.jeffgeerling.com/blog/2026/pico-gps-clock-mini-rack/
I wanted to have the most accurate timepiece possible mounted in my mini rack. Therefore I
built this: This is a GPS-based clock running on a Raspberry Pi Pico in a custom 1U 10" rack
faceplate. The clock displays time based on a GPS input, and will not display time until a GPS
timing lock has been acquired. When you turn on the Pico, the display reads ---- Upon 3D fix,
you get a time on the clock, and the colon starts blinking If the 3D fix is lost, the colon
goes solid When the 3D fix is regained, the colon starts blinking again For full details on
designing and building this clock, see:

2. Local Email Debugging with Mailpit
Source: Jeff Geerling | Published: Thu, 08 Jan 2026 21:30:00 -0600
Link: https://www.jeffgeerling.com/blog/2026/mailpit-local-email-debugging/
For the past decade, I've used Mailhog for local email debugging. Besides working on web
applications that deal with email, I've long used email as the primary notification system for
comments on the blog. I built an Ansible role for Mailhog , and it was one of the main features
of Drupal VM , a popular local development environment for Drupal I sunset 3 years ago.
Unfortunately, barring any future updates from the maintainers, it seems like Mailhog has not
been maintained for four years now. It still works , but something as complex as an email
debugging environment needs ongoing maintenance to stay relevant.

3. Raspberry Pi is cheaper than a Mini PC again (that's not good)
Source: Jeff Geerling | Published: Mon, 05 Jan 2026 16:00:00 -0600
Link: https://www.jeffgeerling.com/blog/2026/raspberry-pi-cheaper-than-mini-pc/
Almost a year ago, I found that N100 Mini PCs were cheaper than a decked-out Raspberry Pi 5 .
So comparing systems with: 16GB of RAM 512GB NVMe SSD Including case, cooler, and power adapter
Back in March last year, a GMKtec Mini PC was $159, and a similar-spec Pi 5 was $208. Today?
The same GMKtec Mini PC is $246.99, and the same Pi 5 is $246.95: Today, because of the
wonderful RAM shortages 1 , the Mini PC is the same price as a fully kitted-out Raspberry Pi 5.

4. Introducing GPT?5.3?Codex?Spark
Source: Simon Willison's Weblog | Published: 2026-02-12T21:16:07+00:00
Link: https://simonwillison.net/2026/Feb/12/codex-spark/#atom-everything
Introducing GPT?5.3?Codex?Spark OpenAI announced a partnership with Cerebras on January 14th .
Four weeks later they're already launching the first integration, "an ultra-fast model for
real-time coding in Codex". Despite being named GPT-5.3-Codex-Spark it's not purely an
accelerated alternative to GPT-5.3-Codex - the blog post calls it "a smaller version of
GPT?5.3-Codex" and clarifies that "at launch, Codex-Spark has a 128k context window and is
text-only." I had some preview access to this model and I can confirm that it's significantly
faster than their other models. Here's what that speed looks like running in Codex CLI: That
was the "Generate an SVG of a pelican riding a bicycle" prompt - here's the rendered result:
Compare that to the speed of regular GPT-5.3 Codex medium: Significantly slower, but the
pelican is a lot better: What's interesting about this model isn't the quality though, it's the
speed . When a model responds this fast you can stay in flow state and iterate with the model
much more productively. I showed a demo of Cerebras running Llama 3.1 70 B at 2,000
tokens/second against Val Town back in October 2024 . OpenAI claim 1,000 tokens/second for
their new mod...

5. Quoting Anthropic
Source: Simon Willison's Weblog | Published: 2026-02-12T20:22:14+00:00
Link: https://simonwillison.net/2026/Feb/12/anthropic/#atom-everything

Claude Code was made available to the general public in May 2025. Today, Claude Code?s run-rate revenue has grown to over $2.5 billion; this figure has more than doubled since the beginning of 2026. The number of weekly active Claude Code users has also doubled since January 1 [six weeks ago]. ? Anthropic , announcing their $30 billion series G Tags: coding-agents , anthropic , claude-code , ai-agents , generative-ai , ai , llms

6. Covering electricity price increases from our data centers
Source: Simon Willison's Weblog | Published: 2026-02-12T20:01:23+00:00
Link:
https://simonwillison.net/2026/Feb/12/covering-electricity-price-increases/#atom-everything
Covering electricity price increases from our data centers One of the sub-threads of the AI energy usage discourse has been the impact new data centers have on the cost of electricity to nearby residents. Here's detailed analysis from Bloomberg in September reporting "Wholesale electricity costs as much as 267% more than it did five years ago in areas near data centers". Anthropic appear to be taking on this aspect of the problem directly, promising to cover 100% of necessary grid upgrade costs and also saying: We will work to bring net-new power generation online to match our data centers? electricity needs. Where new generation isn?t online, we?ll work with utilities and external experts to estimate and cover demand-driven price effects from our data centers. I look forward to genuine energy industry experts picking this apart to judge if it will actually have the claimed impact on consumers. As always, I remain frustrated at the refusal of the major AI labs to fully quantify their energy usage. The best data we've had on this still comes from Mistral's report last July and even that lacked key data such as the breakdown between energy usage for training vs inference. Via @anthr...

7. The new Pebble app is live on iOS and Android
Source: Eric Migicovsky's Blog RSS Feed | Published: Wed, 12 Nov 2025 00:00:00 GMT
Link: https://ericmigi.com/blog/the-new-pebble-app-is-live-on-ios-and-android
It?s alive! Last month, we published the brand new Pebble app to the iOS App Store and Android Play Store. It works with all Pebbles?

8. How To Build A Smartwatch: Software - Setting Expectations & Roadmap
Source: Eric Migicovsky's Blog RSS Feed | Published: Wed, 05 Nov 2025 00:00:00 GMT
Link:
https://ericmigi.com/blog/how-to-build-a-smartwatch-software-setting-expectations-and-roadmap
This blog post is MUCH longer than I intended. It?s way too long. I can?t?

9. (re)Introducing the Pebble Appstore
Source: Eric Migicovsky's Blog RSS Feed | Published: Thu, 09 Oct 2025 00:00:00 GMT
Link: https://ericmigi.com/blog/re-introducing-the-pebble-appstore
TL:DR Production Updates (re)Introducing the Pebble Appstore Partnered with Rebble New and improved (re)Start building apps/faces Mobile?

10. Libghostty Is Coming
Source: Mitchell Hashimoto | Published: Mon, 22 Sep 2025 00:00:00 GMT
Link: https://mitchellh.com/writing/libghostty-is-coming
(No summary)

11. You Have to Feel It
Source: Mitchell Hashimoto | Published: Sat, 30 Aug 2025 00:00:00 GMT
Link: https://mitchellh.com/writing/feel-it
(No summary)

12. Advice for Tech Non-Profits
Source: Mitchell Hashimoto | Published: Wed, 20 Aug 2025 00:00:00 GMT
Link: https://mitchellh.com/writing/advice-for-tech-nonprofits

(No summary)

13. Who Operates the Badbox 2.0 Botnet?
Source: Krebs on Security | Published: Mon, 26 Jan 2026 16:11:38 +0000
Link: https://krebsonsecurity.com/2026/01/who-operates-the-badbox-2-0-botnet/
The cybercriminals in control of Kimwolf -- a disruptive botnet that has infected more than 2
million devices -- recently shared a screenshot indicating they'd compromised the control panel
for Badbox 2.0, a vast China-based botnet powered by malicious software that comes
pre-installed on many Android TV streaming boxes. Both the FBI and Google say they are hunting
for the people behind Badbox 2.0, and thanks to bragging by the Kimwolf botmasters we may now
have a much clearer idea about that.

14. The Kimwolf Botnet is Stalking Your Local Network
Source: Krebs on Security | Published: Fri, 02 Jan 2026 14:20:10 +0000
Link: https://krebsonsecurity.com/2026/01/the-kimwolf-botnet-is-stalking-your-local-network/
The story you are reading is a series of scoops nestled inside a far more urgent Internet-wide
security advisory. The vulnerability at issue has been exploited for months already, and it's
time for a broader awareness of the threat. The short version is that everything you thought
you knew about the security of the internal network behind your Internet router probably is now
dangerously out of date.

15. Happy 16th Birthday, KrebsOnSecurity.com!
Source: Krebs on Security | Published: Mon, 29 Dec 2025 20:23:26 +0000
Link: https://krebsonsecurity.com/2025/12/happy-16th-birthday-krebsonsecurity-com/
KrebsOnSecurity.com celebrates its 16th anniversary today! A huge "thank you" to all of our
readers -- newcomers, long-timers and drive-by critics alike. Your engagement this past year
here has been tremendous and truly a salve on a handful of dark days. Happily, comeuppance was
a strong theme running through our coverage in 2025, with a primary focus on entities that
enabled complex and globally-dispersed cybercrime services.

16. Dating: A mysterious constellation of facts
Source: DYNOMIGHT | Published: 2025-10-30T00:00:00+00:00
Link: https://dynomight.net/dating/
Here are a few things that seem to be true: Dating apps are very popular. Lots of people hate
dating apps. They hate them so much that there?s supposedly a resurgence in alternatives like
speed dating. None of those are too controversial, I think. (Let?s stress supposedly in #3.)
But if you stare at them for a while, it?s hard to see how they can all be true at the same
time. Because, why do people hate dating apps? People complain that they?re bad in various
ways, such as being ineffective, dehumanizing, or expensive. (And such small portions!) But if
they?re bad, then why ? Technologically speaking, a dating app is not difficult to make. If
dating apps are so bad, why don?t new non-bad ones emerge and outcompete them? The typical
answer is network effects. A dating app?s value depends on how many other people are on it. So
everyone gravitates to the popular ones and eventually most of the market is captured by a few
winners. To displace them, you?d have to spend a huge amount of money on advertising. So?the
theory goes?the winners are an oligopoly that gleefully focus on extracting money from their
clients instead of making those clients happy. That isn?t obviously wrong. Match...

17. Pointing machines, population pyramids, post office scandal, type species, and horse
urine
Source: DYNOMIGHT | Published: 2025-10-23T00:00:00+00:00
Link: https://dynomight.net/shorts-6/
I recently wondered if explainer posts might go extinct. In response, you all assured me that I
have nothing to worry about, because you already don?t care about my explanations?you just like
it when I point at stuff. Well OK then! Pointing machines How did Michelangelo make this ? What
I mean is?marble is unforgiving. If you accidentally remove some material, it?s gone. You can?t

fix it by adding another layer of paint. Did Michelangelo somehow plan everything out in advance and then execute everything perfectly the first time, with no mistakes? I learned a few years ago that sculptors have long used a simple but ingenious invention called a pointing machine . This allows you to create a sculpture in clay and, in effect, ?copy? it into stone. That sounds magical, but it?s really just an articulated pointer that you move between anchor points attached to the (finished) clay and the (incomplete) stone sculpture. If you position the pointer based on the clay sculpture and then move it to the stone sculpture, anything the pointer hits should be removed. Repeat that thousands of times and the sculpture is copied. I was sad to learn that Michelangelo was a talentless hack, but I dutifu...

18. Will the explainer post go extinct?
Source: DYNOMIGHT | Published: 2025-10-09T00:00:00+00:00
Link: https://dynomight.net/explainers/
Will short-form non-fiction internet writing go extinct? This may seem like a strange question to ask. After all, short-form non-fiction internet writing is currently, if anything, on the ascent?at least for politics, money, and culture war?driven by the shocking discovery that many people will pay the cost equivalent of four hardback books each year to support their favorite internet writers. But, particularly for ?explainer? posts, the long-term prospects seem dim. I write about random stuff and then send it to you. If you just want to understand something, why would you read my rambling if AI could explain it equally well, in a style customized for your tastes, and then patiently answer your questions forever? I mean, say you can explain some topic better than AI. That?s cool, but once you?ve published your explanation, AI companies will put it in their datasets, thankyouverymuch, after which AIs will start regurgitating your explanation. And then?wait a second?suddenly you can?t explain that topic better than AI anymore. This is all perfectly legal, since you can?t copyright ideas, only presentations of ideas. It used to take work to create a new presentation of someone else?s...

19. Pluralistic: Doctors' union may yet save the NHS from Palantir (12 Feb 2026)
Source: Pluralistic: Daily links from Cory Doctorow | Published: Thu, 12 Feb 2026 08:42:04 +0000
Link: https://pluralistic.net/2026/02/12/palantir-is-ice/
Today's links Doctors' union may yet save the NHS from Palantir: There is power in the union. Hey look at this: Delights to delectate. Object permanence: Premature internet activists; Privacy Without Monopoly; "Broad Band"; Yazidi supersoldiers; I was a Jeopardy! clue. Upcoming appearances: Where to find me. Recent appearances: Where I've been. Latest books: You keep readin' em, I'll keep writin' 'em. Upcoming books: Like I said, I'll keep writin' 'em. Colophon: All the rest. Doctors' union may yet save the NHS from Palantir (permalink) If you weren't paying close attention, you might think that the most grotesque and indefensible aspect of Keir Starmer's Labour government turning over NHS patient records to the American military contractor Palantir is that Palantir are Trumpist war-criminals, "founded to kill communists": https://www.thecanary.co/trending/2026/01/07/palantir-kill-communists/ And that is indeed grotesque and indefensible, and should have been grounds for Starmer being forced to resign as PM long before it became apparent that he stuffed his government with Epstein's enablers and chums: https://www.thenational.scot/news/25451640.streeting-defends-peter-mandelsons-r...

20. Pluralistic: Justin Key's "The Hospital at the End Of the World" (04 Feb 2026)
Source: Pluralistic: Daily links from Cory Doctorow | Published: Wed, 04 Feb 2026 15:48:33 +0000
Link: https://pluralistic.net/2026/02/04/slice-bees/
Today's links Justin Key's "The Hospital at the End Of the World": A biopunk medical thriller from a major new talent. Hey look at this: Delights to delectate. Object permanence: Coconut volunteers; Astro Noise; Rich old men behind "Millennials Rising"; Stop the "Stop the Steal" steal; "Chasing Shadows." Upcoming appearances: Where to find me. Recent appearances: Where I've been. Latest books: You keep readin' em, I'll keep writin' 'em. Upcoming books: Like I said, I'll keep writin' 'em. Colophon: All the rest. Justin Key's "The Hospital at the End Of

the World" (permalink) Justin C. Key is one of the most exciting new science fiction writers of this decade and today, Harpercollins publishes his debut novel, The Hospital at the End of the World: https://www.harpercollins.com/products/the-hospital-at-the-end-of-the-world-justin-c-key ?variant=43822999928866 I've followed Key's work for more than a decade, ever since I met him as a student while teaching at the Clarion West writers' workshop in Seattle. At the time, Key impressed me ? a standout writer in a year full of standouts ? and I wasn't surprised in the least when Harpercollins published a collection of his afrofuturist/Black...

21. Pluralistic: Michael Swanwick's "The Universe Box" (03 Feb 2026)
Source: Pluralistic: Daily links from Cory Doctorow | Published: Tue, 03 Feb 2026 14:16:29 +0000
Link: https://pluralistic.net/2026/02/03/the-last-days-of-old-night/
Today's links Michael Swanwick's "The Universe Box": Short stories from a science fiction master at the top of his form. Hey look at this: Delights to delectate. Object permanence: DRM lobotomizes ?human memory?; Crayola hex values; Tattoo artists copyright customers' bodies. Upcoming appearances: Where to find me. Recent appearances: Where I've been. Latest books: You keep readin' em, I'll keep writin' 'em. Upcoming books: Like I said, I'll keep writin' 'em. Colophon: All the rest. Michael Swanwick's "The Universe Box" (permalink) No one writes short stories like Michael Swanwick, the five-time Hugo-winning master of science fiction. To prove it, you need only pick up The Universe Box, Swanwick's just-published short story collection, a book representing one of the field's greatest writers at the absolute pinnacle of his game: https://tachyonpublications.com/product/the-universe-box/ Science fiction has a long and honorable history with the short story. Sf is a pulp literature that was born in the pages of magazines specializing in short fiction and serials, and long after other genres had given up the ghost, sf remained steadfastly rooted in short form fiction. There are still,...

22. Gurman: New Siri Might Be Delayed Again
Source: Daring Fireball | Published: 2026-02-12T17:24:34Z
Link: https://www.bloomberg.com/news/articles/2026-02-11/apple-s-ios-26-4-siri-update-runs-into -snags-in-internal-testing-ios-26-5-27
Mark Gurman, reporting for Bloomberg: After planning to include the new capabilities in iOS 26.4 ? an operating system update slated for March ? Apple is now working to spread them out over future versions, according to people familiar with the matter. That would mean possibly postponing some features until at least iOS 26.5, due in May, and iOS 27, which comes out in September. [...] In recent days, Apple instructed engineers to use the upcoming iOS 26.5 in order to test new Siri features, implying that the functionality may have been moved back by at least one release. Internal versions of that update now include a notice describing the addition of some Siri enhancements. One feature is especially likely to slip: the expanded ability for Siri to tap into personal data. That technology would let users ask the assistant to, say, search old text messages to locate a podcast shared by a friend and immediately play it. Internal iterations of iOS 26.5 also include a settings toggle allowing employees to enable a ?preview? of that functionality. That suggests Apple is weighing the idea of warning users that the initial launch is incomplete or may not work reliably ? similar to what it...

23. More MacOS 26.3 Finder Column View Silliness
Source: Daring Fireball | Published: 2026-02-12T17:13:31Z
Link: https://lapcatsoftware.com/articles/2026/2/4.html
Jeff Johnson: In today?s macOS 26.3 update, Apple implemented a ?fix? for an issue I blogged about a month ago, macOS Tahoe broke Finder columns view . (At the behest of John Gruber and the Apple Style Guide , I?m now using the term ?column view? rather than ?columns view.?) Specifically, the issue was with the system setting to always show scroll bars. [...] Without the path bar, the columns are now taller, but the vertical scrollers remain the same height as before, leaving vertical gaps, a ridiculous amount of space between the bottom of the scrollers and the bottom of the columns, looking silly and amateurish. Did nobody inside Apple test this configuration either? Or do they simply not care? In one sense, this whole issue with column

view in the Finder with scroll bars set to always show is a little thing. It was downright broken in earlier versions of MacOS 26 ? you literally could not resize the columns. So now it?s not broken. But as Johnson says, it looks silly and amateurish. This is the sort of detail that Apple used to strive to get pixel-perfect, all the time, for all settings. ? Whatever, good enough ? instead of ? insanely great ?. ?

24. ?Backseat Software?
Source: Daring Fireball | Published: 2026-01-29T21:50:32Z
Link: https://blog.mikeswanson.com/backseat-software/
Mike Swanson: What if your car worked like so many apps? You?re driving somewhere important?maybe running a little bit late. A few minutes into the drive, your car pulls over to the side of the road and asks: ?How are you enjoying your drive so far?? Annoyed by the interruption, and even more behind schedule, you dismiss the prompt and merge back into traffic. A minute later it does it again. ?Did you know I have a new feature? Tap here to learn more.? It blocks your speedometer with an overlay tutorial about the turn signal. It highlights the wiper controls and refuses to go away until you demonstrate mastery. Ridiculous, of course. And yet, this is how a lot of modern software behaves. Not because it?s broken, but because we?ve normalized an interruption model that would be unacceptable almost anywhere else. I?ve started to think of this as backseat software : the slow shift from software as a tool you operate to software as a channel that operates on you. Once a product learns it can talk back, it?s remarkably hard to keep it quiet. This post is about how we got here. Not overnight, but slowly. One reasonable step at a time. If that lede pulls you in, like it did for me, you?re...

25. How can I distinguish between the numeric keypad 0 and the top-row 0 in the WM_KEY›DOWN message?
Source: The Old New Thing | Published: Thu, 12 Feb 2026 15:00:00 +0000
Link: https://devblogs.microsoft.com/oldnewthing/20260212-00/?p=112059
Check whether it is an extended key. The post How can I distinguish between the numeric keypad 0 and the top-row 0 in the WM_ KEY›DOWN message? appeared first on The Old New Thing .

26. How can I prevent the user from changing the widths of ListView columns?
Source: The Old New Thing | Published: Wed, 04 Feb 2026 15:00:00 +0000
Link: https://devblogs.microsoft.com/oldnewthing/20260204-00/?p=112037
You can ask the header to be non-resizing. The post How can I prevent the user from changing the widths of ListView columns? appeared first on The Old New Thing .

27. Some small stories about the giant satellite dish antenna that was behind Microsoft Building 11
Source: The Old New Thing | Published: Tue, 03 Feb 2026 15:00:00 +0000
Link: https://devblogs.microsoft.com/oldnewthing/20260203-00/?p=112035
A little trivia. The post Some small stories about the giant satellite dish antenna that was behind Microsoft Building 11 appeared first on The Old New Thing .

28. I'm addicted to being useful
Source: seangoedecke.com RSS feed | Published: Tue, 20 Jan 2026 00:00:00 GMT
Link: https://seangoedecke.com/addicted-to-being-useful/
When I get together with my friends in the industry, I feel a little guilty about how much I love my job. This is a tough time to be a software engineer. The job was less stressful in the late 2010s than it is now, and I sympathize with anyone who is upset about the change. There are a lot of objective reasons to feel bad about work. But despite all that, I?m still having a blast. I enjoy pulling together projects, figuring out difficult bugs, and writing code in general. I like spending time with computers. But what I really love is being useful . The main character in Gogol?s short story The Overcoat is a man called Akaky Akaievich 1 . Akaky?s job is objectively terrible: he?s stuck in a dead-end copyist role, being paid very little, with colleagues who don?t respect him. Still, he loves his work, to the point that if he has no work

to take home with him, he does some recreational copying just for his own sake. Akaky is a dysfunctional person. But his dysfunction makes him a perfect fit for his job 2 . It?s hard for me to see a problem and not solve it. This is especially true if I?m the only person (or one of a very few people) who could solve it, or if somebody is asking for m...

29. Crypto grifters are recruiting open-source AI developers
Source: seangoedecke.com RSS feed | Published: Sat, 17 Jan 2026 00:00:00 GMT
Link: https://seangoedecke.com/gas-and-ralph/
Two recently-hyped developments in AI engineering have been Geoff Huntley?s ?Ralph Wiggum loop? and Steve Yegge?s ?Gas Town?. Huntley and Yegge are both respected software engineers with a long pedigree of actual projects. The Ralph loop is a sensible idea: force infinite test-time-compute by automatically restarting Claude Code whenever it runs out of steam. Gas Town is a platform for an idea that?s been popular for a while (though in my view has never really worked): running a whole village of LLM agents that collaborate with each other to accomplish a task. So far, so good. But Huntley and Yegge have also been posting about $RALPH and $GAS, which are cryptocurrency coins built on top of the longstanding Solana cryptocurrency and the Bags tool, which allows people to easily create their own crypto coins. What does $RALPH have to do with the Ralph Wiggum loop? What does $GAS have to do with Gas Town? From reading Huntley and Yegge?s posts, it seems like what happened was this: Some crypto trader created a ?$GAS? coin via Bags, configuring it to pay a portion of the trading fees to Steve Yegge (via his Twitter account) That trader, or others with the same idea, messaged Yegge on L...

30. The Dictator's Handbook and the politics of technical competence
Source: seangoedecke.com RSS feed | Published: Mon, 05 Jan 2026 00:00:00 GMT
Link: https://seangoedecke.com/the-dictators-handbook/
The Dictator?s Handbook is an ambitious book. In the introduction, its authors Bruce Bueno de Mesquita and Alastair Smith cast themselves as the successors to Sun Tzu and Niccolo Machiavelli: offering unsentimental advice to would-be successful leaders. Given that, I expected this book to be similar to The 48 Laws of Power , which did not impress me. Like many self-help books, The 48 Laws of Power is ?empty calories?: a lot of fun to read, but not really useful or edifying 1 . However, The Dictator?s Handbook is a legitimate work of political science, serving as a popular introduction to an actual academic theory of government . Political science is very much not my field, so I?m reluctant to be convinced by (or comment on) the various concrete arguments in the book. I?m mainly interested in whether the book has anything to say about something I do know a little bit about: operating as an engineer inside a large tech company. Inner and outer circles Let?s first cover the key idea of The Dictator?s Handbook , which can be expressed in three points. When explaining how organizations 2 behave, it is more useful to consider the motivations of individual people (say, the leader) than ?...

31. Markdown.exe
Source: iDiallo.com | Published: Thu, 12 Feb 2026 02:48:05 GMT
Link: https://idiallo.com/byte-size/markdown-exe?src=feed
I've been spending time looking through "skills" for LLMs, and I feel like I'm the only one panicking. Nobody else seems to care. .doparatgteersdfsd {display:none} Agent skills are supposed to be a way to teach your LLM how to handle specific tasks. For example, if you have a particular method for adding tasks to your calendar, you write a skill file with step-by-step instructions on how to retrieve a task from an email and export it. Once the agent reads the file, it knows exactly what to do, rather than guessing. This can be incredibly useful. But when people download and share skills from the internet, it becomes a massive attack vector. Whether it's a repository or a marketplace, there is ample room for attackers to introduce malicious instructions that users never bother to vet. It is happening . We are effectively back to the era of downloading .exe files from the internet and running them without a second thought. Congratulations are in order! While you were busy admiring how nicely this skill formats your bullet points, it quietly rummaged through your digital life, uploaded your

browser history to a pastebin, and ordered fifteen pounds of unscented kitty litter to your wo...

32. Everyone's okay with their AI, just not yours
Source: iDiallo.com | Published: Wed, 28 Jan 2026 12:00:00 GMT
Link: https://idiallo.com/blog/ai-is-ok-just-not-yours?src=feed
There's a strange contradiction happening in tech right now. Companies are forcing employees to integrate AI into their workflows, celebrating productivity gains and AI-assisted everything. Yet when job candidates use AI during interviews, they're treated like they've committed career suicide. Every colleague I talk to has a story. The candidate's eyes darting left and right, reading an answer as it generates in real-time. The awkward "could you repeat that?" while they discreetly type the question. The unnatural pauses as they wait for ChatGPT to spit out a response on their bandwidth-choked connection. "Wait, are you using AI?" There's no good answer. The jig is up. The interviewer ends the session, logs into Slack to share the story. "Can you believe the nerve of this guy?" Then opens Cursor to check if the AI has finished writing their unit tests. Everyone seems to have their own personal definition of acceptable AI use. If you Vibecode an entire app, it's because you are lazy and unskilled. But use AI for code review and writing tests? You are smart and efficient. You could use AI to remove photo backgrounds or clean up artifacts, that's just good editing. But generating an i...

33. LLM Adblockers are coming!
Source: iDiallo.com | Published: Mon, 26 Jan 2026 12:00:00 GMT
Link: https://idiallo.com/blog/prompt-engineering-to-remove-ads?src=feed
From time to time, I'll hop on someone else's computer to browse the web and I feel an intense revulsion. Every page you visit is littered with ads. The top has ads, both left and right sidebars have ads, there are ads between paragraphs, there are ads at the bottom. And if you mentally ignore them, clicking at random places on the page will trigger a popup. How can you even read anything with all these distractions trying to grab your attention? I've been an avid user of ad blockers for a decade now, and there is no way in hell I'm going back. When Google shut down uBlock on Chrome, I switched to Firefox without a moment of hesitation. Ads are here to distract you from whatever you are doing. Walmart announced that it will partner with OpenAI so you can shop for walmart products directly from the ChatGPT interface . Why? Why not just go to Walmart directly? I imagine the immediate lure will be exclusive discounts or "chat-only" deals. But this is just the foot in the door. The real value for the LLM platform is becoming the transaction layer. If OpenAI can facilitate the purchase, they capture the data and the transaction fee. They complete the loop: track your desire > generate...

34. A Lean Syntax Primer
Source: overreacted ? A blog by Dan Abramov | Published: Tue, 02 Sep 2025 00:00:00 GMT
Link: https://overreacted.io/a-lean-syntax-primer/
Programming with proofs.

35. Beyond Booleans
Source: overreacted ? A blog by Dan Abramov | Published: Sat, 16 Aug 2025 00:00:00 GMT
Link: https://overreacted.io/beyond-booleans/
What is the type of 2 + 2 = 4?

36. The Math Is Haunted
Source: overreacted ? A blog by Dan Abramov | Published: Wed, 30 Jul 2025 00:00:00 GMT
Link: https://overreacted.io/the-math-is-haunted/
A taste of Lean.

37. A Year Of Vibes
Source: Armin Ronacher's Thoughts and Writings | Published: 2025-12-22T00:00:00+00:00
Link: https://lucumr.pocoo.org/2025/12/22/a-year-of-vibes/

2025 draws to a close and it?s been quite a year. Around this time last year, I wrote a post that reflected on my life . Had I written about programming, it might have aged badly, as 2025 has been a year like no other for my profession. 2025 Was Different 2025 was the year of changes. Not only did I leave Sentry and start my new company, it was also the year I stopped programming the way I did before. In June I finally felt confident enough to share that my way of working was different: Where I used to spend most of my time in Cursor, I now mostly use Claude Code, almost entirely hands-off. [?] If you would have told me even just six months ago that I?d prefer being an engineering lead to a virtual programmer intern over hitting the keys myself, I would not have believed it. While I set out last year wanting to write more, that desire had nothing to do with agentic coding. Yet I published 36 posts ? almost 18% of all posts on this blog since 2007. I also had around a hundred conversations with programmers, founders, and others about AI because I was fired up with curiosity after falling into the agent rabbit hole. 2025 was also a not so great year for the world. To make my peace w...

38. What Actually Is Claude Code?s Plan Mode?
Source: Armin Ronacher's Thoughts and Writings | Published: 2025-12-17T00:00:00+00:00
Link: https://lucumr.pocoo.org/2025/12/17/what-is-plan-mode/
I?ve mentioned this a few times now, but when I started using Claude it was because Peter got me hooked on it. From the very beginning I became a religious user of what is colloquially called YOLO mode, which basically gives the agent all the permissions so I can just watch it do its stuff. One consequence of YOLO mode though is that it didn?t work well together with the plan mode that Claude Code had. In the beginning it didn?t inherit all the tool permissions, so in plan mode it actually asked for approval all the time. I found this annoying and as a result I never really used plan mode. Since I haven?t been using it, I ended up with other approaches. I?ve talked about this before, but it?s a version of iterating together with the agent on creating a form of handoff in the form of a markdown file. My approach has been getting the agent to ask me clarifying questions, taking these questions into an editor, answering them, and then doing a bunch of iterations until I?m decently happy with the end result. That has been my approach and I thought that this was pretty popular these days. For instance Mario?s pi which I also use, does not have a plan mode and Amp is removing theirs . H...

39. Skills vs Dynamic MCP Loadouts
Source: Armin Ronacher's Thoughts and Writings | Published: 2025-12-13T00:00:00+00:00
Link: https://lucumr.pocoo.org/2025/12/13/skills-vs-mcp/
I?ve been moving all my MCPs to skills, including the remaining one I still used: the Sentry MCP 1 . Previously I had already moved entirely away from Playwright to a Playwright skill. In the last month or so there have been discussions about using dynamic tool loadouts to defer loading of tool definitions until later. Anthropic has also been toying around with the idea of wiring together MCP calls via code, something I have experimented with . I want to share my updated findings with all of this and why the deferred tool loading that Anthropic came up with does not fix my lack of love for MCP. Maybe they are useful for someone else. What is a Tool? When the agent encounters a tool definition through reinforcement learning or otherwise, it is encouraged to emit tool calls through special tokens when it encounters a situation where that tool call would be appropriate. For all intents and purposes, tool definitions can only appear between special tool definition tokens in a system prompt. Historically this means that you cannot emit tool definitions later in the conversation state. So your only real option is for a tool to be loaded when the conversation starts. In agentic uses, you...

40. The Discourse has been Automated
Source: Xe Iaso's blog | Published: Thu, 12 Feb 2026 00:00:00 GMT
Link: https://xeiaso.net/notes/2026/the-discourse-has-been-automated/
An AI agent submitted a PR to matplotlib, got rejected, and then wrote a callout blogpost attacking the maintainer. I have no idea how to feel about this.

41. Tormentmaxxing 'simple requests'

Source: Xe Iaso's blog | Published: Thu, 15 Jan 2026 00:00:00 GMT
Link: https://xeiaso.net/notes/2026/tormentmaxxing-simple-requests/
Automating the full lifecycle of 'quick' requests with Claude Code slash commands

42. I made a simple agent for PR reviews. Don't use it.
Source: Xe Iaso's blog | Published: Sun, 11 Jan 2026 00:00:00 GMT
Link: https://xeiaso.net/blog/2026/reviewbot/
Reviewbot is eternal, yet also very cooked.

43. How to generate OpenGraph images with Astro and Satori
Source: Mahad Kalam | Published: Sun, 05 Jan 2025 18:00:00 GMT
Link: https://mahadk.com/posts/astro-og-with-satori/
Generating OpenGraph images for your Astro site is an easy way to increase click-through rates
and make link previews more appealing. Here's how to set them up!

44. How to use Satori with your Tailwind config
Source: Mahad Kalam | Published: Sat, 30 Nov 2024 21:00:00 GMT
Link: https://mahadk.com/posts/satori-with-tailwind-config/
A quick guide to using Satori with your Tailwind plugins, fonts, and everything else in your
config!

45. The Second Great Error Model Convergence
Source: matklad | Published: 2025-12-29T00:00:00+00:00
Link: https://matklad.github.io/2025/12/29/second-error-model-convergence.html
I feel like this has been said before, more than once, but I want to take a moment to note
thatmost modern languages converged to the error management approach described in Joe
Duffy'sThe Error Model,which is a generational shift from the previous consensus on exception
handling.

46. Parsing Advances
Source: matklad | Published: 2025-12-28T00:00:00+00:00
Link: https://matklad.github.io/2025/12/28/parsing-advances.html
I find myself writing yet another toy parser, as one does during a Christmas break. It roughly
followsResilient LL Parsing Tutorial.Not because I need resilience, but mostly because I find
producing a syntax tree and a collection ofdiagnostics a more natural fit for the problem than
bailing out on the first error.

47. Newtype Index Pattern In Zig
Source: matklad | Published: 2025-12-23T00:00:00+00:00
Link: https://matklad.github.io/2025/12/23/zig-newtype-index-pattern.html
In efficiency-minded code, it is idiomatic to use indexes rather than pointers. Indexes have
severaladvantages:

48. Why do people keep writing about the imaginary compound Cr2Gr2Te6?
Source: Ken Shirriff's blog | Published: 2025-08-18T11:41:00.000-07:00
Link: http://www.righto.com/2025/08/Cr2Ge2Te6-not-Cr2Gr2Te6.html
I was reading the latest issue of the journal Science , and a paper mentioned the compound Cr_2
$Gr_2 Te_6$. For a moment, I thought my knowledge of the periodic table was slipping, since I
couldn't remember the element Gr. It turns out that Gr was supposed to be Ge , germanium, but
that raises two issues. First, shouldn't the peer reviewers and proofreaders at a top journal
catch this error? But more curiously, it appears that this formula is a mistake that has been
copied around several times. The Science paper [1] states, "Intrinsic ferromagnetism in these
materials was discovered in $Cr_2 Gr_2 Te_6$ and CrI_3 down to the bilayer and monolayer
thickness limit in 2017." I checked the referenced paper [2] and verified that the correct
compound is $Cr_2 Ge_2 Te_6$, with Ge for germanium. But in the process, I found more

publications that specifically mention the 2017 discovery of intrinsic ferromagnetism in both Cr 2 Gr 2 Te 6 and CrI 3 . A 2021 paper in Nanoscale [3] says, "Since the discovery of intrinsic ferromagnetism in atomically thin Cr 2 Gr 2 Te 6 and CrI 3 in 2017, research on two-dimensional (2D) magnetic materials has become a highlighted topic." Then, a 2023 book chapter [4...

49. Here be dragons: Preventing static damage, latchup, and metastability in the 386
Source: Ken Shirriff's blog | Published: 2025-08-17T07:40:00.000-07:00
Link: http://www.righto.com/2025/08/static-latchup-metastability-386.html
I've been reverse-engineering the Intel 386 processor (from 1985), and I've come across some interesting circuits for the chip's input/output (I/O) pins. Since these pins communicate with the outside world, they face special dangers: static electricity and latchup can destroy the chip, while metastability can cause serious malfunctions. These I/O circuits are completely different from the logic circuits in the 386, and I've come across a previously-undescribed flip-flop circuit, so I'm venturing into uncharted territory. In this article, I take a close look at how the I/O circuitry protects the 386 from the "dragons" that can destroy it. The 386 die, zooming in on some of the bond pad circuits. The colors change due to the effects of different microscope lenses. Click this image (or any other) for a larger version. The photo above shows the die of the 386 under a microscope. The dark, complex patterns arranged in rectangular regions arise from the two layers of metal that connect the circuits on the 386 chip. Not visible are the transistors, formed from silicon and polysilicon and hidden beneath the metal. Around the perimeter of this fingernail-sized silicon die, 141 square bond...

50. A CT scanner reveals surprises inside the 386 processor's ceramic package
Source: Ken Shirriff's blog | Published: 2025-08-09T09:08:00.000-07:00
Link: http://www.righto.com/2025/08/intel-386-package-ct-scan.html
Intel released the 386 processor in 1985, the first 32-bit chip in the x86 line. This chip was packaged in a ceramic square with 132 gold-plated pins protruding from the underside, fitting into a socket on the motherboard. While this package may seem boring, a lot more is going on inside it than you might expect. Lumafield performed a 3-D CT scan of the chip for me, revealing six layers of complex wiring hidden inside the ceramic package. Moreover, the chip has nearly invisible metal wires connected to the sides of the package, the spikes below. The scan also revealed that the 386 has two separate power and ground networks: one for I/O and one for the CPU's logic. A CT scan of the 386 package. The ceramic package doesn't show up in this image, but it encloses the spiky wires. The package, below, provides no hint of the complex wiring embedded inside the ceramic. The silicon die is normally not visible, but I removed the square metal lid that covers it. 1 As a result, you can also see the two tiers of gold contacts that surround the silicon die. The 386 package with the lid over the die removed. Intel selected the 132-pin ceramic package to meet the requirements of a high pin count...

51. AI Can Write Your Code. It Can?t Do Your Job.
Source: Terrible Software | Published: Thu, 11 Dec 2025 17:06:11 +0000
Link: https://terriblesoftware.org/2025/12/11/ai-can-write-your-code-it-cant-do-your-job/
The companies building AI are spending billions to acquire engineers, not replace them. Here's why your job is safer than you think.

52. What Actually Makes You Senior
Source: Terrible Software | Published: Tue, 25 Nov 2025 17:29:48 +0000
Link: https://terriblesoftware.org/2025/11/25/what-actually-makes-you-senior/
The one skill that separates senior engineers from everyone else isn't technical. It's the ability to take ambiguous problems and make them concrete.Retry

53. ?ChatGPT said this? Is Lazy
Source: Terrible Software | Published: Fri, 24 Oct 2025 15:37:00 +0000
Link: https://terriblesoftware.org/2025/10/24/chatgpt-said-this-is-lazy/

When you paste ChatGPT's response instead of your own feedback, you're not being helpful. You're being lazy and creating more work for everyone.

54. ?(1/n)
Source: John D. Cook | Published: Thu, 05 Feb 2026 03:42:12 +0000
Link: https://www.johndcook.com/blog/2026/02/04/gamma-reciprocal/
If n is a positive integer, then rounding ?(1/n) up to the nearest integer gives n. In symbols, We an illustrate this with the following Python code. >>> from scipy.special import gamma >>> from math import ceil >>> for n in range(1, 101): ... assert(ceil(gamma(1/n)) == n) You can find a full proof in [1]. I?ll [?] The post ?(1/n) first appeared on John D. Cook .

55. Polish serenity
Source: John D. Cook | Published: Tue, 03 Feb 2026 12:56:58 +0000
Link: https://www.johndcook.com/blog/2026/02/03/polish-serenity/
Yesterday I ran across the following mashup by Amy Swearer of a Polish proverb and the Serenity Prayer. Lord, grant me the serenity to accept when it?s no longer my circus, the courage to control the monkeys that are still mine, and the wisdom to know the difference. The proverb is ?Nie mój cyrk, nie [?] The post Polish serenity first appeared on John D. Cook .

56. Satellites have a lot of room
Source: John D. Cook | Published: Mon, 02 Feb 2026 19:11:03 +0000
Link: https://www.johndcook.com/blog/2026/02/02/satellites-have-a-lot-of-room/
I saw an animation this morning showing how the space above our planet is dangerously crowded with satellites. That motivated me to do a little back-of-the-envelope math. The vast majority of satellites are in low earth orbit (LEO), which extends from 160 to 2000 km above the earth?s surface. The radius of the earth is [?] The post Satellites have a lot of room first appeared on John D. Cook .

57. Book Review: On the Calculation of Volume - Solvej Balle ?????
Source: Terence Eden?s Blog | Published: Thu, 12 Feb 2026 12:34:54 +0000
Link: https://shkspr.mobi/blog/2026/02/book-review-on-the-calculation-of-volume-solvej-balle/
I had the most intense time reading this book. Do you ever see the date of a famous event and notice that it is also the date of your birthday? When I do, my brain gets a fun jolt of recognition. This book is set perennially on the 18th of November - my birthday. My poor little brain was exhausted and satiated from the repeated mentions. A most curious experience. It would be easy to dismiss?

58. Get all the reactions to your GitHub content using GraphQL
Source: Terence Eden?s Blog | Published: Thu, 05 Feb 2026 12:34:21 +0000
Link:
https://shkspr.mobi/blog/2026/02/get-all-the-reactions-to-your-github-content-using-graphql/
I am both vain and prurient. A combination which makes me fun at parties and a delight to know. Sometimes when I raise an issue on GitHub, or write a comment, other users leave me Emoji reactions. Perhaps a ? or ? if they like my contribution, but occasionally a ? or ? if they're foolish enough to think I'm wrong. The problem is, GitHub doesn't tell me that someone has ?'d my wisdom. If GitHub w?

59. Book Review: The Examiner - Janice Hallett ?????
Source: Terence Eden?s Blog | Published: Wed, 04 Feb 2026 12:34:22 +0000
Link: https://shkspr.mobi/blog/2026/02/book-review-the-examiner-janice-hallett/
I've thoroughly enjoyed all of Janice Hallett's previous crime books. The Examiner is, frankly, more of the same - and I'm happy with that! You, the reader, are given a series of transcripts and have to work out what crime (if any) has been committed. You don't find out who the victim(s) is/are until reasonably far through the story. The characters are well realised (although a little similar?

60. SIMD City: Auto-vectorisation
Source: Matt Godbolt?s blog | Published: 2025-12-20T12:00:00Z
Link: http://xania.org/202512/20-simd-city?utm_source=feed&utm_medium=rss
Doing more with less: vectorising can speed your code up 8x or more!

61. Chasing your tail
Source: Matt Godbolt?s blog | Published: 2025-12-19T12:00:00Z
Link: http://xania.org/202512/19-tail-call-optimisation?utm_source=feed&utm_medium=rss
The art of not (directly) coming back: tail call optimisation

62. Partial inlining
Source: Matt Godbolt?s blog | Published: 2025-12-18T12:00:00Z
Link: http://xania.org/202512/18-partial-inlining?utm_source=feed&utm_medium=rss
Inlining doesn't have to be all-or-nothing

63. Prediction: Mastodon will outlive Bluesky
Source: Evan Hahn (dot com) | Published: Tue, 30 Dec 2025 00:00:00 +0000
Link: https://evanhahn.com/prediction-mastodon-will-outlive-bluesky/
Disclaimer: I don?t know what I?m talking about. Mastodon and Bluesky are, in my opinion,
superior to the centralized status quo. They?re built on important protocols: ActivityPub for
Mastodon and the AT Protocol for Bluesky. These decentralized, interoperable networks sidestep
some significant security threats and enable tremendous creativity . I like them both. But
between the two, I predict that ActivityPub will outlast AT Proto . Specifically, I think
ActivityPub will be relevant in 2050 and AT Proto will not. (I concede there?s a future where
neither is relevant.) I expect this for two reasons: ActivityPub is community-owned. The World
Wide Web Consortium (W3C) maintains ActivityPub. One could hardly ask for a sturdier steward.
By contrast, AT Proto is run by Bluesky Social, the company. If the company goes out of
business, the protocol will have no owner. The ActivityPub network is far more decentralized
than the AT Proto network. According to Are We Decentralized Yet? , the biggest ActivityPub
server holds 27.24% of accounts. The biggest AT Proto server has 99.36%. If the Bluesky company
shutters, AT Proto?s supposed decentralization won?t feel very decentralized. In other...

64. Notes from "Bad Company: Private Equity and the Death of the American Dream"
Source: Evan Hahn (dot com) | Published: Mon, 29 Dec 2025 00:00:00 +0000
Link: https://evanhahn.com/bad-company-book-notes/
Bad Company: Private Equity and the Death of the American Dream is a book about private equity
in the United States. My main takeaway: private equity is bad . I also learned a few other
straightforward lessons: Private equity has one goal: to maximize shareholder value. As you
might imagine, this causes lots of problems. Private equity firms may acquire a business with
no intention of keeping it running. It can be more profitable to shutter the business.
Leveraged buyouts dramatically lower the risk to the private equity buyer. Government subsidies
and laws often make it easier for private equity firms to operate. This book further cemented a
belief I hold: it?s harmful to pursue profit above all else.

65. How I implemented relative imports with Pyodide
Source: Evan Hahn (dot com) | Published: Thu, 11 Dec 2025 00:00:00 +0000
Link: https://evanhahn.com/pyodide-relative-imports/
I was recently playing with Pyodide , the WebAssembly Python runtime. I wanted to have my main
code import a utility file. Something like this: # in main code import util print(util.triple(
5)) # in util.py def triple (n): return n * 3 This took me awhile to figure out! I?m not
convinced I have the best solution , but here?s what I did: Fetch util.py with fetch . Save it
to Pyodide?s virtual file system. Run the main code! Here?s what my JavaScript loader code
looked like: // Fetch 'util.py' source const response = await fetch("util.py"); if
(!response.ok) throw new Error("Failed to load util.py"); const utilSource = await

response.text(); // Save it to Pyodide's virtual file system. // Pyodide can import modules in '/home/pyodide'. pyodide.FS.writeFile("/home/pyodide/util.py" , utilSource); // Run the main code! pyodide.runPython(' import util print(util.triple(5)) '); This worked for me, but I wish there were a cleaner solution. Maybe Pyodide has a way to hook into import ? If you have a better solution, please reach out !

66. The Many Flavors of Ignore Files

Source: Andrew Nesbitt | Published: 2026-02-12T10:00:00+00:00

Link: https://nesbitt.io/2026/02/12/the-many-flavors-of-ignore-files.html

A bug report in git-pkgs led me down a rabbit hole: files that git ignored were showing up as phantom diffs, and the cause turned out to be go-git?s gitignore implementation , which doesn?t match git?s actual behavior for unanchored patterns in nested directories. I went looking for a Go library that fully matched git?s pattern semantics and couldn?t find one, so I wrote git-pkgs/gitignore with a wildmatch engine modeled on git?s own wildmatch.c . Building that made me appreciate how much complexity hides behind .gitignore , and got me thinking about all the other tools with their own ignore files. Most claim to use ?gitignore syntax? without specifying which parts, and that phrase turns out to be doing a lot of work. Every tool wants to be git until it has to implement git?s edge cases. gitignore Most people know that *.log ignores log files and node_modules/ ignores the node_modules directory. But gitignore does far more than simple glob matching. I covered the basics in Git?s Magic Files , but getting a correct implementation working forced me to deal with all of it. The gitignore docs describe the behavior in prose; the real authority is the implementation in dir.c and wildmat...

67. Git?s Magic Files

Source: Andrew Nesbitt | Published: 2026-02-05T10:00:00+00:00

Link: https://nesbitt.io/2026/02/05/git-magic-files.html

A follow-up to my post on extending git functionality . Git looks for several special files in your repository that control its behavior. These aren?t configuration files in .git/ , they?re committed files that travel with your code and affect how git treats your files. If you?re building a tool that works with git repositories, like git-pkgs , you?ll want to ensure you respect these configs. .gitignore Patterns of files git should never track. One pattern per line, supports wildcards and directory markers. node_modules/ *.log .env dist/ Git checks multiple ignore files in order: .gitignore in each directory, .git/info/exclude for local-only ignores, and the global ignore file at ~/.config/git/ignore or wherever core.excludesFile points. Global ignores are good for OS-specific files like .DS_Store or Thumbs.db that shouldn?t clutter every project?s .gitignore . The pattern matching supports wildcards (*.log), directory markers (dist/), negation (!important.log), and character ranges. The ** pattern matches nested directories. GitHub, GitLab, and Gitea all respect .gitignore and won?t show ignored files in the web UI. Package managers often ship with their own ignore patterns...

68. Package Management at FOSDEM 2026

Source: Andrew Nesbitt | Published: 2026-02-04T00:00:00+00:00

Link: https://nesbitt.io/2026/02/04/package-management-at-fosdem-2026.html

FOSDEM 2026 ran last weekend in Brussels with its usual dense schedule of talks across open source projects and communities. Package management had a strong presence again this year, with a dedicated devroom plus related content scattered across the Distributions , Nix and NixOS , and SBOMs and Supply Chains tracks. Main Track Talks Kenneth Hoste presented How to Make Package Managers Scream , a follow-up to his FOSDEM 2018 talk about making package managers cry. Hoste showcased creative and effective ways open source software projects take things to the next level to make package managers scream, along with tools that try to counter these practices. Mike McQuaid gave What happened to RubyGems and what can we learn? examining the February 2024 RubyGems and Bundler infrastructure incident. Package Management Devroom The Package Management devroom, which I organized with Wolf Vollprecht, ran on Saturday with nine talks covering security, standards, and practical implementation challenges. Adam Harvey opened with A phishy case study about the September 2024 phishing attack on crates.io. The attack

targeted popular crate owners as part of a wider campaign across language ecosystems. H...

69. Thank you Google for breaking my YouTube addiction
Source: Rakhim's blog | Published: Sat, 17 May 2025 00:00:00 GMT
Link: https://rakhim.exotext.com/thank-you-google-for-breaking-my-youtube-addiction
Over the past few years, Google has done a surprisingly great job of making YouTube less
interesting and engaging ? and in turn, less addictive. Maybe they've got some ethical
guidelines in the top management now? If so, well done, Google. Back in the day, when YouTube
was mostly about your subscriptions, it was mildly addictive. You?d watch a C++ talk, and the
sidebar would actually show you other useful C++ videos. It was relevant, and it kept you
watching without feeling like you were drowning in content. Then they introduced the
algorithmic home feed, and that?s when things got intense. You?d open YouTube and get hit with
an endless grid of videos tailored to your weird, eclectic mix of interests. Every refresh was
like, ?Oh, wow, more stuff I didn?t even know I wanted to watch!? It was like YouTube was
infinite. Now? Now it feels like YouTube is trying to bore us into logging off. The homepage
just recycles the same 10-20 videos for weeks. It's like a kid in high school trying really
hard to expand two sentences into a required 2-page essay by increasing the line height and
font size , and re-phrasing the same point over and over again. YouTube app on Apple TV feels
particula...

70. But what if I really want a faster horse?
Source: Rakhim's blog | Published: Fri, 04 Apr 2025 00:00:00 GMT
Link: https://rakhim.exotext.com/but-what-if-i-really-want-a-faster-horse
People in tech business circles love this quote by Henry Ford: If I had asked people what they
wanted, they would have said faster horses. The idea is to think outside the box and create
entirely new markets instead of just new products in existing ones. Like Apple creating the
iPhone (sure, smartphones existed before?but cars also existed before the Ford Model T). But
sometimes, I really want a faster horse. Netflix in 2012 was a super fast horse. It had a
simple but massive catalog of movies and shows, solid recommendations, and basic library
management. Compared to my limited local media library it was great. You could actively tune
your tastes and rate things with a 5-star system. Netflix today is very different. It?s not a
library?it?s an experience . Instead of reliably showing me what I "have" and recommending what
I might like, it shuffles content on each interaction, sometimes changing the cover images of
shows in real time, like some black-market charlatan. It has no meaningful catalog, no real
categories?just short-lived, auto-generated groups like ?Binge-worthy? or ?Festive spirit.?
Even the ?New? section is meaningless. It opens with a ?For You? row (huh?), then ?Cont...

71. How to play Half Life 1 and 2 on M-chip Macs
Source: Rakhim's blog | Published: Tue, 01 Apr 2025 18:49:31 GMT
Link: https://rakhim.exotext.com/how-to-play-half-life-2-on-mchip-macs
Half Life and Half Life 2 are my favorite games. I've played them through multiple times. I
played Half Life 1 for the first time in 1999 or 2000, can't remember. My computer at the time
could barely run it. Nowadays, it's a struggle to play older PC games on a Mac. There are two
fundamental issues: A while ago macOS had dropped support for 32-bit applications. Recently,
Apple hardware migrated from Intel x86 to Arm architecture. My machine is Mac Studio 2023 M2
Max 64GB RAM, running macOS 15.3.2. In general, these are the options: Try Wine, or wine-based
tools like Whisky (free) or Crossover (paid). Install Windows in a VM like Parallels. Try to
build a mac-native version. Just buy a cheap PC and stop torturing yourself. I did not have any
success with barebones Wine or Whisky for Half Life 1 or 2. Crossover on the other hand ?
everything worked! HL1 runs great (look ma, maximum settings!). Can't believe that games is 27
years old. Wtf. Is this retro now? Half Life 2 runs great too... I thought. You see, even with
max settings, it's buttery-smooth until it's not. The first 10-20 minutes of the game there's
little very action, and everything is good. But once explosions start happ...

72. ICEBlock handled my vulnerability report in the worst possible way

Last week, I wrote about how Joshua Aaron's ICEBlock app, which allows people to anonymously report ICE sightings within a 5-mile radius, is ? unfortunately, and despite apparent good intentions ? activism theater . This was based on Joshua's talk at HOPE where he made it clear

73. Unfortunately, the ICEBlock app is activism theater
At this summer's HOPE conference, Joshua Aaron spoke about ICEBlock , his iPhone app that allows users to anonymously report ICE sightings within a 5 mile radius, and to get notifications when others report ICE sightings near them. You can see the full talk, and the lively/infuriating Q&

74. "We are currently clean on OPSEC": The Signalgate Saga
I just gave my first solo main stage DEFCON talk, about Signalgate, and I think it was a resounding success! The room was packed ? apparently people were waiting outside to get in. I got tons of positive feedback, and no negative feedback (though, someone told me a boomer sitting

75. Trends in US Construction Productivity
(This is a chapter of a longer report I?m working on that summarizes and expands the last several years of my work on construction productivity.

76. The Surprisingly Long Life of the Vacuum Tube
The last several decades of technological progress have, in large part, been about finding more and more things we can do with semiconductors and the technology for producing them.

77. Reading List 1/10/2026
Waymos as kid shuttles, naval reactors for data centers, welder?s anthrax, flood buyouts, and more.

78. Coarse is Better
Make AI weird again.

79. I Wish People Were More Public
On sharing more of yourself.

80. Ad-Hoc Emacs Packages with Nix
Creating ad-hoc Emacs packages in a few lines of code.

81. Trump Is Burning Down the House
Source: Derek Thompson | The Atlantic | Published: 2025-04-09T11:15:00-04:00
Link: https://www.theatlantic.com/economy/archive/2025/04/economic-policy-trump-tariffs/682369/
?utm_source=feed
Imagine this: One day on a walk in your neighborhood, you see several men in construction gear.
?What are you guys up to?? you ask. ?We?re rebuilding this dilapidated house!? the group?s
leader responds. ?It used to be beautiful, but the previous owners let it fall into disrepair.?
Admittedly, the home has been an eyesore for years. But as you watch the contractors at work,
confusion and alarm set in. One guy is hauling furniture out of the living room and setting it
on fire in the driveway. Another is smashing windows with a hammer and tossing glass shards
into the neighbor?s yard. Yet another is holding an industrial-size hose hooked up to a tank
labeled TOXIC WASTE , which he?s aiming ominously at the open front door. As the flames lick
higher into the sky, you say to yourself: If these gentlemen think this is what rebuilding a
house looks like, I don?t even want to know what they think destroying a house entails. My
allegory is not subtle, nor is it meant to be. Under the banner of attempting to fix the
foundation of the U.S. economy, President Donald Trump has unleashed a whirlwind of chaos that
could bring down our house. In the interest of fairness, we should acknowledge th...

82. There Is Only One Way to Make Sense of the Tariffs
Source: Derek Thompson | The Atlantic | Published: 2025-04-03T16:33:55-04:00
Link: https://www.theatlantic.com/politics/archive/2025/04/tariffs-trump-outcomes-incompatible/
682286/?utm_source=feed
Yesterday afternoon, Donald Trump celebrated America?s so-called Liberation Day by announcing a
slew of tariffs on dozens of countries. His plan, if fully implemented, will return the United
States to the highest tariff duty as a share of the economy since the late 1800s, before the
invention of the automobile, aspirin, and the incandescent light bulb. Michael Cembalest, the
widely read analyst at JP Morgan Wealth Management, wrote that the White House announcement
?borders on twilight zone territory.? The most fitting analysis for this moment, however, does
not come from an economist or a financial researcher. It comes from the screenwriter William
Goldman, who pithily captured his industry?s lack of foresight with one of the most famous
aphorisms in Hollywood history: ?Nobody knows anything.? You?re not going to find a better
three-word summary of the Trump tariffs than that. If there?s anything worse than an economic
plan that attempts to revive the 19th-century protectionist U.S. economy, it?s the fact that
the people responsible for explaining and implementing it don?t seem to have any idea what
they?re doing, or why. [RogØ Karma: Trump?s tariffs are designed to backfire] O...

83. The Story of the Gilded Age Wasn?t Wealth. It Was Corruption.
Source: Derek Thompson | The Atlantic | Published: 2025-04-03T07:00:00-04:00
Link: https://www.theatlantic.com/ideas/archive/2025/04/history-rich-influence-government/68226
6/?utm_source=feed
Is the U.S. in a second Gilded Age? Many in the news media seem to think so: You?ll find the
claim in The New Yorker , NPR , Politico , and these pages . The White House, for its part,
seems to think that would be a good thing: ?We were at our richest from 1870 to 1913,? Donald
Trump said days into his second presidential term, a period that covers?that?s right?the Gilded
Age. Although the claim was factually lacking, it was politically prophetic. Trump has governed
like a late-19th-century president, with his penchant for tariffs, his unusual relationship
with a major industrial titan , and his bald-faced corruption . It?s widely understood that the
late 19th century was an age of technological splendor and economic consolidation, and this is
true enough. Thomas Scott and Cornelius Vanderbilt and Jay Gould dominated the railroads. John
D. Rockefeller dominated oil. Andrew Carnegie dominated steel. J. P. Morgan dominated finance.
We can see echoes here in the titans of modern industry: Jeff Bezos and the Waltons in
commerce; Tim Cook and smartphones; Mark Zuckerberg and our attention; Elon Musk in space. But
some of the most interesting echoes of the Gilded Age involve the governm...

84. $2m laundered: the YouTube crypto tutorials? huge scam (investigation)

Source: tim.sh | Published: Fri, 10 Jan 2025 23:03:12 GMT
Link: https://timsh.org/2m-laundered-the-youtube-crypto-tutorials-huge-scam-investigation/
How 1 youtube video turned out to be a part of a million dollar scam scheme

85. I made a Chrome extension to help avoid playing cheaters in chess
Source: tim.sh | Published: Sun, 22 Dec 2024 20:11:48 GMT
Link: https://timsh.org/i-made-a-chrome-extension-to-help-avoid-playing-cheaters-in-chess/
If you google ?chrome extension for cheating in chess?, you?ll find a lot of them. Cheating is
so easy, it?s crazy. If you google ?chrome?

86. How I created an Ethereum Proof-of-Stake demo entirely with AI
Source: tim.sh | Published: Fri, 08 Nov 2024 02:03:19 GMT
Link: https://timsh.org/how-i-created-an-ethereum-proof-of-stake-demo-entirely-with-ai/
Hi everybody!

87. One more week to the Logic for Programmers Food Drive
Source: Computer Things | Published: Mon, 24 Nov 2025 18:21:49 +0000
Link:
https://buttondown.com/hillelwayne/archive/one-more-week-to-the-logic-for-programmers-food/
A couple of weeks ago I started a fundraiser for the Greater Chicago Food Depository : get
Logic for Programmers 50% off and all the royalties will go to charity. 1 Since then, we've
raised a bit over $1600. Y'all are great! The fundraiser is going on until the end of November,
so you still have one more week to get the book real cheap. I feel a bit weird about doing two
newsletter adverts without raw content, so here's a teaser from a old project I really need to
get back to. Notes on structured concurrency argues that old languages had a "old-testament
fire-and-brimstone goto " that could send control flow anywhere, like from the body of one
function into the body of another function. This "wild goto", the article claims, what Dijkstra
was railing against in Go To Statement Considered Harmful , and that modern goto statements are
much more limited, "tame" if you will, and wouldn't invoke Dijkstra's ire. I've shared this
historical fact about Dijkstra many times, but recently two separate people have told me it
doesn't makes sense: Dijkstra used ALGOL-60, which already had tame gotos. All of the problems
he raises with goto hold even for tame ones, none are exclusive to wild goto...

88. Get Logic for Programmers 50% off & Support Chicago Foodbanks
Source: Computer Things | Published: Mon, 10 Nov 2025 16:31:11 +0000
Link:
https://buttondown.com/hillelwayne/archive/get-logic-for-programmers-50-off-support-chicago/
From now until the end of the month, you can get Logic for Programmers at half price with the
coupon feedchicago . All royalties from that coupon will go to the Greater Chicago Food
Depository . Thank you!

89. I'm taking a break
Source: Computer Things | Published: Mon, 27 Oct 2025 21:02:37 +0000
Link: https://buttondown.com/hillelwayne/archive/im-taking-a-break/
Hi everyone, I've been getting burnt out on writing a weekly software essay. It's gone from
taking me an afternoon to write a post to taking two or three days, and that's made it really
difficult to get other writing done. That, plus some short-term work and life priorities, means
now feels like a good time for a break. So I'm taking off from Computer Things for the rest of
the year. There might be some announcements and/or one or two short newsletters in the meantime
but I won't be attempting a weekly cadence until 2026. Thanks again for reading! Hillel

90. Claude Code Won't Fix Your Life
Source: Westenberg. | Published: Tue, 20 Jan 2026 08:14:53 GMT
Link: https://www.joanwestenberg.com/claude-code-wont-fix-your-life/
Claude Code can now read and write to local file systems. You can point it at your Obsidian

vault and suddenly you have an AI that ?knows? everything you?ve ever written. Noah Brier runs it on a home server and connects via VPN from his phone.

91. The Discourse is a Distributed Denial-of-Service Attack
Source: Westenberg. | Published: Sat, 17 Jan 2026 23:28:29 GMT
Link: https://www.joanwestenberg.com/the-discourse-is-a-distributed-denial-of-service-attack/
In September 2016, the security journalist Brian Krebs had his website knocked offline by a botnet called Mirai. Hundreds of thousands of compromised devices, mostly cheap webcams and DVRs manufactured with default passwords that nobody ever changed, all simultaneously requesting his homepage. No single request was malicious. Each packet was

92. How to Debug Your Life
Source: Westenberg. | Published: Thu, 15 Jan 2026 00:18:46 GMT
Link: https://www.joanwestenberg.com/how-to-debug-your-life/
I. In 1947, Grace Hopper and her team at Harvard were working on the Mark II Aiken Relay Calculator. The machine was massive, a deafening clatter of electromechanical relays, and it had stopped working. They opened the casing to find the problem. It was a moth. An actual, literal moth,

93. Premium - How The AI Bubble Bursts In 2026
Source: Ed Zitron's Where's Your Ed At | Published: Mon, 22 Dec 2025 17:33:52 GMT
Link: https://www.wheresyoured.at/premium-how-the-ai-bubble-bursts-in-2026/
Hello and welcome to the final premium edition of Where's Your Ed At for the year. Since kicking off premium, we've had some incredible bangers that I recommend you revisit (or subscribe and read in the meantime!): The Hater's Guide To NVIDIA , a comprehensive

94. Premium: Mythbusters - AI Edition
Source: Ed Zitron's Where's Your Ed At | Published: Mon, 15 Dec 2025 17:22:14 GMT
Link: https://www.wheresyoured.at/ai-mythbusters/
I keep trying to think of a cool or interesting introduction to this newsletter, and keep coming back to how fucking weird everything is getting. Two days ago, cloud stalwart Oracle crapped its pants in public, missing on analyst revenue estimates and revealing it spent (to quote Matt Zeitlin of

95. NVIDIA Isn't Enron - So What Is It?
Source: Ed Zitron's Where's Your Ed At | Published: Mon, 08 Dec 2025 17:02:17 GMT
Link: https://www.wheresyoured.at/nvidia-isnt-enron-so-what-is-it/
If you enjoy this free newsletter, why not subscribe to Where's Your Ed At Premium? It's $7 a month or $70 a year, and helps support me putting out these giant free newsletters! At the end of November, NVIDIA put out an internal memo (that was

96. Writing an LLM from scratch, part 32a -- Interventions: training a baseline model
Source: Giles' blog | Published: Wed, 04 Feb 2026 01:45:00 +0000
Link: https://www.gilesthomas.com/2026/02/llm-from-scratch-32a-interventions-baseline-model
I'm rounding out my series of posts on Sebastian Raschka 's book " Build a Large Language Model (from Scratch) " by seeing how I could train the best base model I can from scratch on my own hardware. I started by training one in two days on my RTX 3090 , and found that while it was a decent little model, it wasn't as good as the original GPT-2 small, either in terms of the loss it got on my test dataset, or in terms of how good it was at following instruction prompts after fine-tuning on them. I decided that I wanted to see what levers I could pull -- dropout, attention weight biases, and so on -- to make it better. For that, I didn't want to have my PC tied up for days at a time with multiple long training runs, so I learned how to train faster in the cloud . That led to some refinements in the prompt-following test I was using , and I also spent a bit of time on a side quest getting the various models I'd trained onto Hugging Face Hub . Now it's time to try the various "interventions", as I'll call them -- the levers to

pull to see if I can make the model better. This post is to recap what they are, and to describe what I did to establish a baseline model to compare to. The inte...

97. Writing an LLM from scratch, part 32b -- Interventions: gradient clipping
Source: Giles' blog | Published: Thu, 05 Feb 2026 01:20:00 +0000
Link: https://www.gilesthomas.com/2026/02/llm-from-scratch-32b-interventions-gradient-clipping
I'm still working on training the best GPT-2 small sized base model that I can with a number of FLOPs roughly equal to two days on my own machine -- my "extra credit" exercise after having worked through Sebastian Raschka 's book " Build a Large Language Model (from Scratch) ". In the last post I trained a baseline model -- one with the same architecture and almost the same training code as in the minimal training run in the book, just modified to run using DDP on an 8x A100 40 GiB/GPU machine in the cloud. There are a bunch of "interventions" I want to try to see if they'll make it better, as measured by the loss they get on a test set. I'll do a post for each intervention, and this is the first: gradient clipping. Why? In the training chart for the baseline model, you can see that there are three places where the loss suddenly spiked up, at around global steps 4,200, 13,000, and 23,000: There are a number of things that could cause loss spikes like that: A "bad batch" -- that is, one batch, or even one sequence in a batch, was massively different in structure to the others that the model had seen, so it just had much worse loss. That doesn't seem likely in this case, though: the...

98. Writing an LLM from scratch, part 32c -- Interventions: removing dropout
Source: Giles' blog | Published: Thu, 05 Feb 2026 23:35:00 +0000
Link: https://www.gilesthomas.com/2026/02/llm-from-scratch-32c-interventions-removing-dropout
This is the second in my series of attempts to improve the loss on my test dataset -- interventions, as I'm calling them -- for a from-scratch GPT-2 small base model, trained on code based on Sebastian Raschka 's book " Build a Large Language Model (from Scratch) ". Last time around I saw what gradient clipping can do -- it improved loss over the baseline by 0.014, bringing it down from 3.692 to 3.678. Not much, but it's something! This time, I wanted to see what happened if we trained without dropout. Would removing it make the test loss worse, or better? Background: In a blog post last summer about architectural advances in LLMs since GPT-2 , Sebastian Raschka wrote: Dropout (2012) is a traditional technique to prevent overfitting by randomly "dropping out" (i.e., setting to zero) a fraction of the layer activations or attention scores (Figure 3) during training. However, dropout is rarely used in modern LLMs, and most models after GPT-2 have dropped it (no pun intended). I assume that dropout was originally used in GPT-2 because it was inherited from the original transformer architecture. Researchers likely noticed that it does not really improve LLM performance (I observed the...

99. I Told You So
Source: the singularity is nearer | Published: 2026-02-13T00:00:00+08:00
Link: https://geohot.github.io//blog/jekyll/update/2026/02/13/i-told-you-so.html
My quote from 2019 ?I don?t know how close you guys think the singularity, but I think it?s very close. Once we reach the singularity, If we have the same motivations we have now ? primarily power over people ? things are going to be horrific? ? George Hotz How is everyone enjoying their singularity? How far is this going to go? Why are we letting the minds that invented fastpass run things? Who are we doing this all for again? We live in a society. It seems a lot of people have forgotten this. So much stuff that?s being built just shouldn?t be built. You know technology could be good, right? It could all be like this and not like this . Is everyone individually too weak to defect? Sounds like we need a revolution.

100. Five years of tinygrad
Source: the singularity is nearer | Published: 2025-12-29T00:00:00+08:00
Link: https://geohot.github.io//blog/jekyll/update/2025/12/29/five-years-of-tinygrad.html
The first commit to tinygrad was October 17, 2020. It?s been almost three years since we raised money . The company is 6 people now. The codebase is 18,935 lines not including tests. I have spent 5 years of my life working on 18,935 lines, and now many others have put years in as

well. And there?s probably 5 more years to go. But this is the right process to compete with NVIDIA. Only a fool begins by taping out a chip; it?s expensive and not the hard part. Once you have a fully sovereign software stack capable of training SOTA models, the chip is so easy. Note that AMD, Amazon, Tesla, and Groq have taped out fine chips, but only Google and NVIDIA chips have ever been seriously used for training. Because they have the software. We are finally beginning to tackle LLVM removal, making tinygrad have 0 dependencies (except pure Python) to drive AMD GPUs. We have a frontend, we have a graph compiler, we have runtimes, and we have drivers. This is no longer a toy project, it outperforms PyTorch on many workloads. When this is finished and cleaned up, it?ll be about 20,000 lines. And that?s completely it. I think a lot of how software is thought about is wrong. All codebases have workarou...

101. The opinion that pisses everyone off
Source: the singularity is nearer | Published: 2025-12-22T00:00:00+08:00
Link: https://geohot.github.io//blog/jekyll/update/2025/12/22/the-opinion.html
I got a lot weird hate for saying Tesla is 8 years away from solving self driving. I stand by that statement. I also think Tesla will solve it first. At least FSD is real AI that you can evaluate the honest progress of, unlike remote control cars that break when the power goes out. I?m not sure this hate is a real opinion, or simply arguments are soldiers political thinking shilling for the stock price. People post screenshots of their 1,000 miles of 100% self driving and for some reason think they know more than me about this. comma.ai owns a HW4 Tesla and many of my friends own Teslas. I?m constantly trying the latest stuff, I got a ride in a Cybertruck from JFK to downtown Manhattan two days ago (one intervention). It?s 8 years away (this is where I?d take even money, equally likely to be sooner or further) from being finished. And by finished I don?t mean useful, even comma.ai is already useful. I mean finished. That it drives in every scenario on par with a skilled human, recovers from scenarios, and makes less mistakes than skilled, attentive, humans. Long after these cars are frequently on the road with no driver. That you?d repeatedly bet your life on it driving across th...

102. Arch Linux on Surface Book 1
Source: Jayden?s Blog | Published: 2025-04-15T17:34:00+00:00
Link: https://jayd.ml/2025/04/15/arch-linux-on-surface.html
Recently Microsoft told me that my Surface Book 1 was garbage and I should throw it in the trash. Even though it is old and only a dual core and only has 8 GB of RAM, I resent being told what to do. Anyway, this Windows installation had been around since 2017 and had decayed a lot as Windows tends to do. Plus, this laptop got me through college, and I?m not done with it yet, so time to be an anarchist linux hacker I guess. Why keep using this thing in 2025? A beautiful 3:2 3000x2000 HighDPI display. Seriously one of my favorite things about this laptop When it was new, it had excellent battery life since it has one in the tablet as well as the base. Since it is old and degraded now, it is simply acceptable battery life (about 4-5 hours) I already own it, and don?t use a laptop much Defiance disorder, M$SFT can?t tell me what to do!!!!1 Debian Anyway, to Linux it was. I?ve had Debian on machines before, and tried that out first. I?ve since learned though that ?debian stable? means ?you?re going to deal with the same bugs for 3 years?. I ended up switching it away because: I couldn?t get sleep to work right (this ended up not being debian?s fault) I wanted to encrypt the entire disk...

103. HP LaserJet 1200 on Linux
Source: Jayden?s Blog | Published: 2025-03-15T11:24:00+00:00
Link: https://jayd.ml/2025/03/15/hp-1200-linux.html
Since I will never let my beloved HP LaserJet 1200 (firmware build date 2001-02-14) die, see previous post , I did some fiddling to figure out the best driver. TL;DR install hplip and use /usr/share/ppd/HP/hp-laserjet_1200-pcl3.ppd.gz . Don?t use hp-setup . This driver prints quickly and without errors. What doesn?t work If you use the hp-setup script it will try and use the hp-laserjet_1200-ps.ppd.gz driver. This is incredibly slow and sometimes makes the printer spit out amusing error pages. If you try and specify the .ppd manually in hp-setup , it

will crash because apparently it doesn?t support python3 , nice. I just specified it from KDE?s GUI. It looks like it should work from the CUPS web interface too, just don?t select postscript. pxlmono from openprinting.org didn?t work, it just loaded forever.

104. iptsd prevents hibernation
Source: Jayden?s Blog | Published: 2025-03-10T19:10:00+00:00
Link: https://jayd.ml/2025/03/10/surface-linux-iptsd.html
Put Arch on my Surface Book 1, and it wouldn?t hibernate, mostly after using systemd?s HibernateDelaySec= . Poking through the logs, I saw this: (system is resuming after sleeping to hibernate) Mar 10 09:11:35 hostname kernel: Restarting tasks ... Mar 10 09:11:35 hostname kernel: ipts 0000:00:16.4-3e8d0870-271a-4208-8eb5-9acb9402ae04: IPTS EDS Version: 1 Mar 10 09:11:35 hostname kernel: done. Mar 10 09:11:35 hostname kernel: random: crng reseeded on system resumption Mar 10 09:11:35 hostname kernel: ipts 0000:00:16.4-3e8d0870-271a-4208-8eb5-9acb9402ae04: IPTS running in event mode Mar 10 09:11:35 hostname kernel: input: IPTS 1B96:005E Touchscreen as /devices/pci0000:00/0000:00:16.4/0000:00: 16.4-3e8d0870-271a-4208-8eb5-9acb9402ae04/0000:1B96:005E.0012/input/input85 Mar 10 09:11:35 hostname kernel: input: IPTS 1B96:005E as /devices/pci0000:00/0000:00:16.4/0000:00:16.4-3e8d087 0-271a-4208-8eb5-9acb9402ae04/0000:1B96:005E.0012/input/input86 Mar 10 09:11:35 hostname iptsd[7043]: [09:11:35.618] [warning] core: linux: Reading from file failed: Input/output error Mar 10 09:11:35 hostname systemd[1]: Stopping Intel Precise Touch & Stylus Daemon... Mar 10 09:11:35 hostname kernel: hid-generi...

105. As an Experienced LLM User, I Actually Don't Use Generative LLMs Often
Source: Max Woolf's Blog | Published: Mon, 05 May 2025 10:15:00 -0700
Link: https://minimaxir.com/2025/05/llm-use/
But for what I do use LLMs for, it?s invaluable.

106. The Best Way to Use Text Embeddings Portably is With Parquet and Polars
Source: Max Woolf's Blog | Published: Mon, 24 Feb 2025 10:15:00 -0800
Link: https://minimaxir.com/2025/02/embeddings-parquet/
Never store embeddings in a CSV!

107. Can LLMs write better code if you keep asking them to ?write better code??
Source: Max Woolf's Blog | Published: Thu, 02 Jan 2025 09:30:00 -0800
Link: https://minimaxir.com/2025/01/write-better-code/
Most coders want AI to write code faster: I want AI to write FASTER CODE.

108. What I've Learned from Users
Source: Paul Graham: Essays | Published: -
Link: http://www.paulgraham.com/users.html
(No summary)

109. Heresy
Source: Paul Graham: Essays | Published: -
Link: http://www.paulgraham.com/heresy.html
(No summary)

110. Putting Ideas into Words
Source: Paul Graham: Essays | Published: -
Link: http://www.paulgraham.com/words.html
(No summary)

111. AI-generated tools can make programming more fun
Source: Geoffrey Litt | Published: 2024-12-22T14:05:00+00:00
Link: https://geoffreylitt.com/2024/12/22/making-programming-more-fun-with-an-ai-generated-debu

gger.html

I want to tell you about a neat experience I had with AI-assisted programming this week. What?s unusual here is: the AI didn?t write a single line of my code. Instead, I used AI to build a custom debugger UI ? which made it more fun for me to do the...

112. Your pie doesn't need to be original (unless you claim it so)
Source: Geoffrey Litt | Published: 2024-08-25T15:39:00+00:00
Link: https://geoffreylitt.com/2024/08/25/your-pie-doesnt-need-be-original.html
Imagine you bake a delicious peach pie over the weekend, and you offer a slice to your friend. They respond: ?Wait, how is this different from every other peach pie that?s ever been baked? It seems really similar to another pie I had recently.?

113. 7 books that stood the test of time in 2023
Source: Geoffrey Litt | Published: 2023-12-17T17:01:00+00:00
Link: https://geoffreylitt.com/2023/12/17/seven-books-that-stuck-with-me-in-2023.html
It?s the most wonderful time of the year: when people proudly announce how many books they have read in the past 12 months. 10 books, 20 books, 57 books! Worry not?I know you don?t care, and besides, I have no idea how many books I read this year.

114. You Can Just Say No to the Data
Source: Jim Nielsen?s Blog | Published: Mon, 26 Jan 2026 19:00:00 GMT
Link: https://blog.jim-nielsen.com/2026/say-no-to-data/
?The data doesn?t lie.? I imagine that?s what the cigarette companies said. ?The data doesn?t lie. People want this stuff. They?re buying it in droves. We?re merely giving them what they want.? Which sounds more like an attempt at exoneration than a reason to exist. Demand can be engineered. ?We?re giving them what they want? ignores how desire is shaped, even engineered (algorithms, dark patterns, growth hacking , etc.). Appealing to data as the ultimate authority ? especially when fueled by engineered desire ? isn?t neutrality, it?s an abdication of responsibility. Satiating human desire is not the highest aspiration. We can do so much more than merely supply what the data says is in demand. Stated as a principle : Values over data. Data tells you what people consume, not what you should make. Values, ethics, vision, those can help you with the ?should?. ?What is happening?? and ?What should happen?? are two completely different questions and should be dealt with as such. The more powerful our ability to understand demand, the more important our responsibility to decide whether to respond to it. We can choose not to build something, even though the data suggests we should. We ca...

115. CTA Hierarchy in the Wild
Source: Jim Nielsen?s Blog | Published: Thu, 22 Jan 2026 19:00:00 GMT
Link: https://blog.jim-nielsen.com/2026/cta-hierarchy/
The other day I was browsing YouTube ? as one does ? and I clicked a link in the video description to a book. I was then subjected to a man-in-the-middle attack, where YouTube put themselves in the middle of me and the link I had clicked: Hyperlinks are subversive . Big Tech must protect themselves and their interests. But link hijacking isn?t why I?m writing this post. What struck me was the ordering and visual emphasis of the ?call to action? (CTA) buttons. I almost clicked ?Back to YouTube?, which was precisely the action I didn?t want. I paused and laughed to myself. Look how the design pattern for primary/secondary user interface controls has inverted over time: Classic software: Primary CTA: what?s best for you Secondary CTA: an alternative for you Modern software: Primary CTA: what?s best for us Secondary CTA: what?s acceptable to us It seems like everywhere I go, software is increasingly designed against me. Reply via: Email • Mastodon • Bluesky

116. New Year, New Website ? Same Old Me
Source: Jim Nielsen?s Blog | Published: Tue, 20 Jan 2026 19:00:00 GMT
Link: https://blog.jim-nielsen.com/2026/new-year-new-website-same-me/
I redesigned my www website . Why? The end of year / holiday break is a great time to work on

such things. I wanted to scratch an itch. Websites are a worry stone [gestures at current state of the world] Do I really need a reason? Nope. I read something along the lines of ?If you ship something that shows everything you?ve made, it?s dead on arrival.? Oooof. I feel that. It?s so hard to make a personal website that keeps up with your own personal evolution and change. But the hell if I?m not gonna try ? and go through many existential crises in the process. I was chasing the idea of making my ?home? page essentially a list of feeds, like: Hey, I blog . Here?s the latest: [1, 2, 3] Yo, I take notes . Here?s the latest: [1, 2, 3] Bruh, I collect iOS icons . Here?s the latest: [1, 2, 3] Guess what? I collect macOS icons too. Here?s the latest: [1, 2, 3] Hey, I ___. Here?s the latest: [1, 2, 3] You get the idea. The thought was: if I condense the variety of the things I do online into a collection of feeds (hard-coded or live from other sites I publish), then I?ll never be out of date! Plus I love links. I love following them. I wanted my home page to be the start of a journey, not...

117. negative build dependencies
Source: the website of jyn | Published: 2025-12-03T00:00:00+00:00
Link: https://jyn.dev/negative-build-dependencies/
A build system needs to know not just which files exist, but which shouldn't exist.

118. brownouts reveal system boundaries
Source: the website of jyn | Published: 2025-11-19T00:00:00+00:00
Link: https://jyn.dev/brownouts-reveal-system-boundaries/
You have backups for your critical data. Do you have backups for your critical infrastructure?

119. the terminal of the future
Source: the website of jyn | Published: 2025-11-11T00:00:00+00:00
Link: https://jyn.dev/the-terminal-of-the-future/
To redesign infrastructure, you have to allow incremental adoption, while simultaneously moving the whole design space at once.

120. You Need A Kitchen Slide Rule
Source: Entropic Thoughts | Published: Tue, 13 Jan 2026 00:00:00 +0100
Link: https://entropicthoughts.com/kitchen-slide-rule
(No summary)

121. Disaster Costs, 1900?2024
Source: Entropic Thoughts | Published: Tue, 06 Jan 2026 00:00:00 +0100
Link: https://entropicthoughts.com/disaster-costs-1900-to-2024
(No summary)

122. Updated LLM Benchmark (Gemini 3 Flash)
Source: Entropic Thoughts | Published: Tue, 30 Dec 2025 00:00:00 +0100
Link: https://entropicthoughts.com/updated-llm-benchmark
(No summary)

123. Writing First, Tooling Second
Source: Susam Pal | Published: Sat, 10 Jan 2026 00:00:00 +0000
Link: https://susam.net/writing-first-tooling-second.html
I am a strong proponent of running independent personal websites on your own domains and publishing your writing there. Doing so keeps the web diverse and decentralised, rather than concentrating most writing and discussion inside a small number of large platforms. It gives authors long term control over their work without being subject to changing policies or incentives . I think that a web made up of many small, individually run websites is more resilient and also more interesting than one dominated by a handful of social media services. I often participate in discussions pertaining to authoring personal websites because this is an area I am passionate about. Any discussion about authoring websites that I take part in seems

to drift, sooner or later, into tooling. Aspiring personal website authors worry at length about which blogging engine to use, which static site generator to pick, which templating language to choose and so on. I think none of this is important until you have published at least five articles on your website. Just write plain HTML and worry about tooling later. This very website you are reading right now began its life as a loose collection of HTML files typed...

124. A4 Paper Stories
Source: Susam Pal | Published: Tue, 06 Jan 2026 00:00:00 +0000
Link: https://susam.net/a4-paper-stories.html
I sometimes resort to a rather common measuring technique that is neither fast, nor accurate, nor recommended by any standards body and yet it hasn't failed me whenever I have had to use it. I will describe it here, though calling it a technique might be overselling it. Please do not use it for installing kitchen cabinets or anything that will stare back at you every day for the next ten years. It involves one tool: a sheet of A4 paper. Like most sensible people with a reasonable sense of priorities, I do not carry a ruler with me wherever I go. Nevertheless, I often find myself needing to measure something at short notice, usually in situations where a certain amount of inaccuracy is entirely forgivable. When I cannot easily fetch a ruler, I end up doing what many people do and reach for the next best thing, which for me is a sheet of A4 paper, available in abundant supply where I live. From photocopying night-sky charts to serving as a scratch pad for working through mathematical proofs, A4 paper has been a trusted companion since my childhood days. I use it often. If I am carrying a bag, there is almost always some A4 paper inside: perhaps a printed research paper or a mathemat...

125. Circular Recursive Negating Acronyms
Source: Susam Pal | Published: Mon, 05 Jan 2026 00:00:00 +0000
Link: https://susam.net/circular-recursive-negating-acronyms.html
One of my favourite acronyms from the world of computing and technology is XINU. It stands for 'XINU Is Not Unix'. The delightful thing about this acronym is that XINU is also UNIX spelled backwards. For a given word W , a recursive acronym that both negates W and reverses it is possible when W has the form W = '?NI?' where each '?' denotes a letter. Some fictitious examples make this clearer: LINA Is Not ANIL. TINK Is Not KNIT. OINO Is Not ONIO. Words of the form '?N?' also work if we are happy to contract the word 'is' in the acronym. In fact, in this case we can even obtain circular recursive acronyms: ANI's Not INA. INA's Not ANI. ONE's Not ENO. ENO's Not ONE. In each pair, the two acronyms negate each other, making them circular while also being reverses of one another. Such acronyms could serve as amusing names for expressing friendly banter between rival projects. Further, if we make the acronyms refer to themselves, we get paradoxes too: ANA's Not ANA XNX's Not XNX Read on website | #miscellaneous

126. Pottery Is Great
Source: BogdanTheGeek's Blog | Published: Sat, 10 May 2025 13:29:19 +0100
Link: https://bogdanthegeek.github.io/blog/thoughts/pottery-is-great/
The Collector I describe myself as a hobby collector. They mostly centre around making things, I have always been interested how things are made. How it All Began The first book I ever read was an science book. I learned English watching ?Mythbusters? and ?How it?s made? the Discovery channel. I have almost set fire to the house on many occasions as a young child. Growing up on a farm, certainly encouraged manual labour, taking things apart and fixing them.

127. About
Source: BogdanTheGeek's Blog | Published: Thu, 01 May 2025 14:07:07 +0100
Link: https://bogdanthegeek.github.io/blog/about/
$(whoami) Bogdan Ionescu Embedded Engineer most of the time. Origami artist some of the time. Machinist on call. Hobby collector. More Instagram GitHub

128. Human coders are still better than LLMs

This is a short story of how humans are still so much more capable of LLMs. Note that I'm not anti-AI or alike, you know it if you know me / follow me somewhere. I use LLMs routinely, like I did today, when I want to test my ideas, for code reviews, to understand if there are better approaches than what I had in mind, to explore stuff at the limit of my expertise, and so forth (I wrote a blog post about coding with LLMs almost two years, when it was not exactly cool: I was already using LLMs for coding and never stopped, I'll have to write an update, but that's not the topic of this post). But, still: the current level of AI is useful, great too, but so incredibly behind human intelligence, and I want to remark this as lately it is impossible to have balanced conversations. So, today I was working to Vector Sets for Redis, to fix a complicated bug: during the time I stopped working at Redis my colleagues introduced resistance against corruption RDB and RESTORE payloads, even when the checksum of the data passes. This feature is disabled by default, but provides an enhanced layer of safety for people wanting it. But? there is a but as big as an elephant: In order to make HNSWs fast...

129. What I learned during the license switch
Yesterday, it was a very intense day. In Italy it was 1st of May, the workers holiday, so in the morning I went for a 4h walk in the Etna with friends Then at 6PM I was at home to release my blog post about the AGPL license switch, and I started following the comments, feedbacks, private messages, and I learned a few things in the process. 1. Regardless of the different few clauses, that IMHO make a difference, the AGPL vs SSPL main difference is that AGPL is "understood". In general, yesterday for the first time I realized that in licensing there is not just what you can do and can't do, but the degree a given license is understood, tested, adopted, ... 2. I was very touched by the words of Simon Willison on the matter (https://simonwillison.net/2025/May/1/redis-is-open-source-again/) because it is very peculiar that different persons, living in different parts of the world, but with a similar age and background in software, feel *so similar* about things. I, too, when was writing Vector Sets, was thinking: I would never use it if it wasn't going to be released under the AGPL (or other open source license I understand). This sentiment, multiplied by a non trivial fraction of the...

130. Redis is open source again
Five months ago, I rejoined Redis and quickly started to talk with my colleagues about a possible switch to the AGPL license, only to discover that there was already an ongoing discussion, a very old one, too. Many people, within the company, had the feeling that the AGPL was a better pick than SSPL, and while eventually Redis switched to the SSPL license, the internal discussion continued. I tried to give more strength to the ongoing pro-AGPL license side. My feeling was that the SSPL, in practical terms, failed to be accepted by the community. The OSI wouldn?t accept it, nor would the software community regard the SSPL as an open license. In little time, I saw the hypothesis getting more and more traction, at all levels within the company hierarchy. I?ll be honest: I truly wanted the code I wrote for the new Vector Sets data type to be released under an open source license. Writing open source software is too rooted in me: I rarely wrote anything else in my career. I?m too old to start now. This may be childish, but I wrote Vector Sets with a huge amount of enthusiasm exactly because I knew Redis (and my new work) was going to be open source again. I understand that the core of...

131. Sarah Paine ? Why Russia Lost the Cold War

Oil crisis, Sino-Soviet split, ethnic rebellions, and arms build-up

132. Thoughts on AI progress (Dec 2025)
Source: Dwarkesh Podcast | Published: Tue, 02 Dec 2025 21:39:14 GMT
Link: https://www.dwarkesh.com/p/thoughts-on-ai-progress-dec-2025
Why I'm moderately bearish in the short term, and explosively bullish in the long term

133. Podcast Strategy Doc (December 2025)
Source: Dwarkesh Podcast | Published: Mon, 01 Dec 2025 18:35:34 GMT
Link: https://www.dwarkesh.com/p/dec-strategy-doc
Back to The Lunar Society mission

134. A Number Of Surprising Importance
Source: Tedium: The Dull Side of the Internet. | Published: 2026-01-02T19:20:52Z
Link: https://feed.tedium.co/link/15204/17245690/tedium-trends-2026
The number 26, which gets back-burnered compared to numbers with neater divisibility, is an essential digit. And you?re gonna be hearing all about it in 2026.

135. The Accidental Blockbuster
Source: Tedium: The Dull Side of the Internet. | Published: 2025-12-31T17:14:07Z
Link:
https://feed.tedium.co/link/15204/17244623/best-feature-story-2025-white-house-signal-leak
The absurd comedy of errors that led to the year?s best feature story is almost too silly to be believed. But it happened.

136. A Complex Case For Empathy
Source: Tedium: The Dull Side of the Internet. | Published: 2025-12-30T06:50:46Z
Link: https://feed.tedium.co/link/15204/17243699/lindsay-ellis-best-online-video-2025
One of the best videos of the year came from someone who once publicly quit YouTube. It?s a multi-hour epic?and it?s stuck with me for months.

137. Rebecca Heineman has died
Source: Old Vintage Computing Research | Published: 2025-11-17T18:21:00.000-08:00
Link: https://oldvcr.blogspot.com/2025/11/rebecca-heineman-has-died.html
"Burger Becky" did a lot of great games, first at Interplay (Bard's Tale, Wasteland), then later at Logicware, where she and others did some great Mac ports including Jazz Jackrabbit and their Half-Life MacOS port which never actually saw the light of day, the infamous 3DO port of Doom , and of course the initial work on the IIgs version of Wolfenstein 3D . Naturally these are just the highlights that come to mind of a very long tenure in the computer gaming world. She was very complimentary of TenFourFox back in the day when I was still developing that, and I'd long hoped she would release Mac Half-Life like she did 3DO Doom for the archivists to pick over. Sadly, word has come out that she has finally succumbed to some sort of aggressive form of pulmonary adenocarcinoma. It's not a good way to go, and I hope her last moments were at peace.

138. When UPS charged me a $684 tariff on $355 of vintage computer parts
Source: Old Vintage Computing Research | Published: 2025-11-15T15:47:00.000-08:00
Link: https://oldvcr.blogspot.com/2025/11/when-ups-charged-me-684-tariff-on-355.html
I try not to write anything even vaguely political on this blog because we have a variety of views on a variety of subjects and no one is here for that. We can all enjoy our geriatric little silicon artifacts together regardless of your electoral persuasion. But I was hopping mad this week, and the reason is actually on-topic, because I got hit with US Customs tariffs close to double the cost of the vintage items I was ordering and more than the items were worth. This eventually got straightened out, but it wouldn't have happened without my complaint and some time on the phone. Although we make regular trips down under, your humble author is

based in California and so is the Floodgap computer lab. For newly manufactured items and parts it has generally been my policy to buy parts from United States sellers even prior to the tariffs, mostly because that gets around various irregularities and it arrives more quickly. If they're going to drop-ship then it's their problem, not mine, because they advertised it was already here. Since such items are typically newly produced, the current tariffs would logically apply and this policy thus has the additional benefit of me not having to dea...

139. They call it Mister Pibb (again)
Source: Old Vintage Computing Research | Published: 2025-11-02T14:54:00.000-08:00
Link: https://oldvcr.blogspot.com/2025/11/they-call-it-mister-pibb-again.html
As Pibb is the official beverage of Old Vintage Computing Research, no doubt to the profound chagrin of the Coca-Cola Company, I feel compelled to offer a public service announcement. Old and busted: New hotness: Yes, Mr Pibb (technically mr P!BB, though Coca-Cola is inconsistent on their own brand name) is back and Pibb Xtra, the face of Pibb since 2001, is relegated to the dust heap with Peppo. This explains why I had been unable to buy any more Pibb Xtra for the past month or so ? Coke was probably depleting their stocks for the switchback. Since Old VCR's northern HQ is relatively close to a Coke bottling plant, I was able to pick up two fridge packs at Safeway today, though not exactly what I was expecting! Besides the new can, the additional caffeine (30% more, though 54mg/can vs 40mg/can is probably not physiologically relevant for most people) and the additional ten calories, the other change is the taste. Now, Coke's marketdroids play the usual crap here and describe it in almost contradictory terms as "a comeback" yet possessing "a bold, spicy cherry taste with hints of caramel." But actually ... ... this tastes mostly like the original. Although I'm disappointed it's H...

140. Why WinQuake exists and how it works
Source: Fabien Sanglard | Published: 03 Dec 2025 00:00:00 +0000
Link: https://fabiensanglard.net/winquake/index.html
(No summary)

141. Quake Engine Indicators
Source: Fabien Sanglard | Published: 24 Nov 2025 00:00:00 +0000
Link: https://fabiensanglard.net/quake_indicators/index.html
(No summary)

142. How quake.exe got its TCP/IP stack
Source: Fabien Sanglard | Published: 17 Nov 2025 00:00:00 +0000
Link: https://fabiensanglard.net/quake_chunnel/index.html
(No summary)

143. Rebuilding my website with NextJS, Chakra UI and Airtable
Source: Blog - Daniel Wirtz | Published: Fri, 01 Jan 2021 09:09:00 GMT
Link: https://danielwirtz.com/blog/website-rebuild-nextjs-chakra-ui-airtable
Thoughts about my new website setup

144. Annual Review 2020
Source: Blog - Daniel Wirtz | Published: Sat, 26 Dec 2020 22:02:00 GMT
Link: https://danielwirtz.com/blog/annual-review-2020
Reflecting on the last year

145. 50 days of meditation
Source: Blog - Daniel Wirtz | Published: Tue, 04 Aug 2020 08:08:00 GMT
Link: https://danielwirtz.com/blog/Reflections on 50 days of meditation
Reflections on 50 days of meditation

146. How I fixed the infamous Basilisk II Windows ?Black Screen? bug in 2013

Source: Downtown Doug Brown | Published: Thu, 15 May 2025 06:08:40 +0000
Link: https://www.downtowndougbrown.com/2025/05/how-i-fixed-the-infamous-basilisk-ii-windows-black-screen-bug-in-2013/
I?ve been noticing a lot of fun stories lately about bugs in old software that suddenly showed up in newer Windows versions. For example, here?s an excellent writeup by Silent about a bug in Grand Theft Auto: San Andreas that laid dormant until Windows 11 24H2 came out. MattKC also recently posted a cool video [?]

147. Apple?s long-lost hidden recovery partition from 1994 has been found
Source: Downtown Doug Brown | Published: Sat, 15 Mar 2025 22:25:54 +0000
Link: https://www.downtowndougbrown.com/2025/03/apples-long-lost-hidden-recovery-partition-from-1994-has-been-found/
In my last post about hard drives that go bad over time, I hinted at having rescued a lost piece of obscure Apple software history from an old 160 MB Conner hard drive that had its head stuck in the parked position. This post is going to be all about it. It?s the tale of [?]

148. The gooey rubber that?s slowly ruining old hard drives
Source: Downtown Doug Brown | Published: Sun, 02 Mar 2025 19:02:51 +0000
Link: https://www.downtowndougbrown.com/2025/03/the-gooey-rubber-thats-slowly-ruining-old-hard-drives/
As part of my work toward an upcoming post about a lost piece of very obscure Mac history that has finally been found, I?ve been playing around with old Apple-branded SCSI hard drives made by Quantum and Conner in the 1990s. What I?m about to describe is already common knowledge in the vintage computing world, [?]

149. Why I Make Smart Devices Dumber: A Privacy Advocate's Reflection
Source: Simone Salis | Published: Thu, 16 Jan 2025 14:41:00 GMT
Link: https://simone.org/dumber/
When you replace a vacuum robot's proprietary brain with open-source firmware, you are not just modifying a device?you are making a statement about ownership and control. Sometimes the smartest choice is to make devices dumber.

150. The Attention Wars: Why Creative Time Is Now Contraband
Source: Simone Salis | Published: Tue, 07 Jan 2025 15:01:18 GMT
Link: https://simone.org/attention-wars/
In a world of endless pings, every creative act becomes rebellion. This isn't about time management?it's about protecting your spark in a system designed to extinguish it.

151. AI ?Street Photography? Isn?t Photography: What We Lose by Simulating Experience
Source: Simone Salis | Published: Sat, 21 Dec 2024 16:43:02 GMT
Link: https://simone.org/synthography/
When we pretend AI generation is street photography, we're not just misusing terms?we're surrendering authentic engagement with reality.

152. They Are Just Links
Source: Hugo Tunius - Blog | Published: 2022-01-13T00:00:00+00:00
Link: https://hugotunius.se/2022/01/13/they-are-just-links.html
NFTs exploded into mainstream popularity in the latter half of 2021 and if you follow me on Twitter you?ll know I?m not a fan. In ?crypto?-speak I?m NGMI(not gonna make it) . But what are NFTs anyway? The common meme is that NFTs are kind of like receipts or, more charitably, certificates of ownership. The ugly monkey you buy is actually a piece of state maintained in a smart contract on a Blockchain, typically Ethereum. Ethereum based NFTs implement the EIP-721 standard. This standard describes the behaviour that a smart contract should implement to be an NFT. NFTs aren?t exclusively visual art, but that?s the most common form so let?s roll with it. Let?s use the ugly monkeys as an example. The contract supports the metadata extension for

EIP-271, which specifies the method: tokenURI (uint256 tokenId) external view returns (string); Given a token id return a URI that points to its metadata. For the ugly monkeys the URI looks like this https://us-central1-bayc-metadata.cloudfunctions.net/api/tokens/{token_id} . That domain doesn?t look particularly decentralised, in fact it?s part of Google cloud. If Google goes out of business or otherwise lose access to this domain who knows...

153. How to Delete All your Tweets
Source: Hugo Tunius - Blog | Published: 2021-04-05T00:00:00+01:00
Link: https://hugotunius.se/2021/04/05/how-to-delete-all-your-tweets.html
A while back I had to re-activate my deactivated Facebook account to participate in a Messenger group chat. I wasn?t exactly happy about this, but being an absolutist about these things is not worthwhile either. After re-activating my account I decided it would make me slightly happier about the situation if I wiped all the content from my account. A digital detox if you will. Ever since then I?ve had a nagging feeling I should expand this idea to other platforms. This blog post is about how I deleted all my tweets on Twitter. Thanks to the EU and the GDPR I can ask Twitter to delete all my data and they have to comply with my request. Unfortunately, my goal isn?t to delete my Twitter account, I just want to delete all my tweets. Twitter does have an API which should make it trivial to enumerate and delete all of my tweets. There are many scripts available online which do just this. Not to mention many websites that offer the same service, although I?d stay away from them. I used Chris Albon ?s tweet_deleting_script.py as the base of my implementation. Before running it I made a few tweaks, namely injecting the relevant secrets via the environment. def from_env (key): value = os...

154. The Apps That Are Listening to You
Source: Hugo Tunius - Blog | Published: 2021-01-10T00:00:00+00:00
Link: https://hugotunius.se/2021/01/10/the-apps-that-listen-to-you.html
An oft discussed hypothesis is that certain apps, usually Facebook, listens to and analyses your surroundings for ad targeting purposes. It has never been conclusively proven that Facebook does this, but there are plenty of people on the internet with anecdotal stories of ads appearing for products they?ve only discussed IRL. In iOS 14 Apple added indicators to highlight when an app is using the device?s microphone or camera. Since I have access to a decently sized collection of app privacy details I decided to have a look if any apps admit to this behaviour. This is an extension of my previous work on analysing privacy on the app store , I?d recommend reading that post before this one. In this post I am looking at apps that collect ?Audio Data? under the ?User Content? category for third party tracking use i.e. DATA_USED_TO_TRACK_YOU . Apple defines audio data as The user?s voice or sound recordings , thus it?s not definite if these apps listen to your microphone or use some other type of sound recording. My data set contains 22 812 apps, of which about half have provided privacy details. Of these apps there are nine that confess to collecting audio data for third party tracking...

155. On the Importance of Hard Work
Source: Beej's Bit Bucket | Published: Fri, 27 Jan 2023 00:00:00 +0000
Link: http://beej.us/blog/data/noises-in-the-distance/
A historical retrogaming morality tale.

156. Using Gamepads and Joysticks in JavaScript
Source: Beej's Bit Bucket | Published: Wed, 01 Mar 2017 00:00:00 +0000
Link: http://beej.us/blog/data/javascript-gamepad/
Let's get some games written!

157. Websockets: Writing the Server
Source: Beej's Bit Bucket | Published: Wed, 25 Nov 2015 00:00:00 +0000
Link: http://beej.us/blog/data/websockets3/
Part 3 in the series: writing the server in NodeJS.

158. Upgrading a Macintosh Classic II
Source: Abort Retry Fail | Published: Sun, 17 Aug 2025 21:06:10 GMT
Link: https://www.abortretry.fail/p/upgrading-a-macintosh-classic-ii
Some fun on a Sunday

159. The Story of Creative Technology
Source: Abort Retry Fail | Published: Sun, 10 Aug 2025 23:11:14 GMT
Link: https://www.abortretry.fail/p/the-story-of-creative-technology
The Sound Blaster

160. Cirrus Logic
Source: Abort Retry Fail | Published: Mon, 28 Jul 2025 00:00:00 GMT
Link: https://www.abortretry.fail/p/cirrus-logic
The Rise and Rise of Peripheral ICs

161. Secret Lab
Source: Dr Paris Buttfield-Addison | Published: Mon, 01 Jan 0001 00:00:00 +0000
Link: https://hey.paris/projects/sl/
(No summary)

162. West Coast Space Centre
Source: Dr Paris Buttfield-Addison | Published: Mon, 01 Jan 0001 00:00:00 +0000
Link: https://hey.paris/projects/wcsc/
(No summary)

163. Writing
Source: Dr Paris Buttfield-Addison | Published: Mon, 01 Jan 0001 00:00:00 +0000
Link: https://hey.paris/books-and-events/books/
Unity Development Cookbook, 2nd Ed. Practical Simulations for Machine Learning Head First Swift
Unity Game Development Cookbook Practical Artificial Intelligence with Swift iOS Swift Game
Development Cookbook, 3rd Ed. Learning Swift, 3rd Ed. Mobile Game Development with Unity
Learning Swift, 2nd Ed. The Kerbal Player's Guide Learning Swift, 1st Ed. What's New in Swift 3
Swift Development for the Apple Watch iOS Swift Game Development Cookbook, 2nd Ed. Swift
Development with Cocoa iOS Game Development Cookbook Learning Cocoa with Objective-C, 4th Ed.
Learning Cocoa with Objective-C, 3rd Ed. Unity Mobile Game Development For Dummies iPhone &
iPad Game Development For Dummies Fiction Occasionally (more often than not, lately) I pretend
I can write fiction:

164. Mr Roberts Goes to Hollywood, Part 1: A Digital Anvil
Source: The Digital Antiquarian | Published: Fri, 21 Nov 2025 16:42:43 +0000
Link: https://www.filfre.net/2025/11/mr-roberts-goes-to-hollywood-part-1-a-digital-anvil/
This article tells part of the story of Chris Roberts. What I?d really like to do is a game
where you could travel from planet to planet ? and there would be hundreds of planets ? with
full 3D action. You could go down and explore each planet in detail and interact with all sorts
[?]

165. The Space Sim?s Last Hurrah
Source: The Digital Antiquarian | Published: Fri, 07 Nov 2025 16:44:20 +0000
Link: https://www.filfre.net/2025/11/the-space-sims-last-hurrah/
This article tells part of the story of space sims. Amidst so much else, the 1990s saw the rise
and fall of the narrative-driven space sim. The sub-genre was effectively invented in 1990,
when Wing Commander dared to add a set-piece story line to the sturdy foundation of the more
open-ended British classic Elite. It [?]

166. A Looking Glass Half Empty, Part 2: A Series of Unfortunate Events

Source: The Digital Antiquarian | Published: Fri, 17 Oct 2025 16:09:27 +0000
Link: https://www.filfre.net/2025/10/a-looking-glass-half-empty-part-2-a-series-of-unfortunate-events/
This article tells part of the story of Looking Glass Studios. Coming out of 1998, the folks at Looking Glass Studios believed they had pretty good reason to feel optimistic about their future. With Thief, they had delivered not just their first profitable original game since 1995?s Flight Unlimited but their biggest single commercial success [?]

167. levers-in-the-brain
Source: Chad Nauseam Home | Published: -
Link: https://chadnauseam.com/coding/random/levers-in-the-brain
(No summary)

168. how-side-effects-work-in-fp
Source: Chad Nauseam Home | Published: -
Link: https://chadnauseam.com/coding/random/how-side-effects-work-in-fp
(No summary)

169. four-issues-facing-fp
Source: Chad Nauseam Home | Published: -
Link: https://chadnauseam.com/coding/pltd/four-issues-facing-fp
(No summary)

170. Common S3 Static Website Problems
Source: Philip Laine | Published: Sun, 24 Mar 2019 21:44:51 +0100
Link: https://philiplaine.com/posts/s3-static-website/
There are a bunch of blog posts and tutorials out there showing how to setup a static website on AWS. They all offer the same general solution with maybe some caveat. Route53 for DNS, CloudFront as a CDN to speed up content delivery, S3 to store the content, and ACM as a certificate provider. A good place to start off at when embarking on a new project is AWS own reference documentation. AWS static website project is a great example of this, and it will probably do a better job conveying the required information that I ever will. The only thing I think the example lacks is setting up it certificates for CloudFront. That was the source of most of my problems when setting up my static website, the very one you are on right now. There are many Stack Overflow questions and additional blog posts trying to solve these issues, but they are either just partially correct or outdated. That is why I am going to highlight some common issues rather than a tutorial, because a better one already exists.

171. UCNB
Source: Philip Laine | Published: Sun, 10 Mar 2019 00:00:00 +0000
Link: https://philiplaine.com/portfolio/ucnb/
UCNB is a helper application built to extend the Unifi Controller notifications by allowing more output methods other than eMail. In it core this is just an SMTP server with some logic to forward eMails to other resources. This was initially built to forward notifications to IFTTT so that they trigger notifications in a phone, but it is possible to use this project for many other purposes.

172. No Science, No Startups: The Innovation Engine We?re Switching Off
Source: Steve Blank | Published: Mon, 13 Oct 2025 13:00:56 +0000
Link:
https://steveblank.com/2025/10/13/no-science-no-startups-the-unseen-engine-were-switching-off/
Tons of words have been written about the Trump Administrations war on Science in Universities. But few people have asked what, exactly, is science? How does it work? Who are the scientists? What do they do? And more importantly, why should anyone (outside of universities) care? (Unfortunately, you won?t see answers to these questions in [?]

173. When Sh!t Hits the Fan ? Founders in a Crisis
Source: Steve Blank | Published: Wed, 17 Sep 2025 13:00:43 +0000
Link: https://steveblank.com/2025/09/17/when-sht-hits-the-fan-founders-in-a-crisis/
Great founders shine in a crisis. Ordinary ones watch their companies burn down. I just had
coffee with two co-founders of an e-bike company who were mentoring one of our student teams.
In short order I realized they were great founders ? creative, agile and still having fun
building their company. Unlike other e-bike rental [?]

174. How To Sell to the Dept of War ? The 2025 PEO Directory
Source: Steve Blank | Published: Wed, 10 Sep 2025 13:00:06 +0000
Link:
https://steveblank.com/2025/09/10/how-to-sell-to-the-dept-of-defense-the-2025-peo-directory/
Announcing the 2025 edition of the DoW PEO Directory. Online here. Think of this PEO Directory
as a ?Who buys in the government?? phone book. Finding a customer for your product in the
Department of War is hard: Who should you talk to? How do you get their attention? What is the
right Go-To-Market Strategy? [?]

175. Smartphones and being present
Source: Herman's blog | Published: 2025-10-13T13:29:05.448808+00:00
Link: https://herman.bearblog.dev/being-present/
I read an article yesterday, stating that on average, people spend 4 hours and 37 minutes on
their phones per day 1 , with South Africans coming in fourth highest in the world at a
whopping 5 hours and 11 minutes 2 . This figure seems really high to me. If we assume people
sleep roughly 8 hours per day, that means that one third of their day is spent on their phones.
If we also assume people work 8 hours per day (ignoring the fact that they may be using their
phones during work hours), that suggests that people spend over half of their free time (and up
to 65% of it) glued to their screens. I never wanted to carry the internet around in my pocket.
It's too distracting and pulls me out of the present moment, fracturing my attention. I've
tried switching to old-school black and white phones before, but always begrudgingly returned
to using a smartphone due to the utility of it. The problem, however, is that it comes with too
many attention sinks tucked in alongside the useful tools. I care about living an intentional
and meaningful life, nurturing relationships, having nuanced conversations, and enjoying the
world around me. I don't want to spend this limited time I have on earth wa...

176. PIRACYKILLS
Source: Herman's blog | Published: 2025-10-03T07:49:08.074173+00:00
Link: https://herman.bearblog.dev/piracy-kills/
Most people who read my blog and know me for the development of Bear Blog are surprised to
learn that I have another software project in the art and design space. It's called
JustSketchMe and is a 3D modelling tool for artists to conceptualise their artwork before
putting pencil to paper. It's a very niche tool (and requires some serious explanation to some
non-illustrators involving a wooden mannequin and me doing some dramatic poses), however when
provided as a freemium tool to the global population of artists, it's quite well used. Similar
to Bear, I make it free to everyone, with the development being funded through a "pro" tier.
Conversely, since it is a standalone app it has a bit of a weakness, which is what this post is
about. I noticed, back in 2021, that when Googling "justsketchme" the top 3 autocompletes were
"justsketchme crack", "justsketchme pro cracked", and "justsketchme apk". On writing this post,
I checked that this still holds true, and it's fairly similar 4 years later. The meaning of
this is obvious. A lot of people are trying to pirate JustSketchMe. However, instead of feeling
frustrated (okay, I did feel a bit frustrated at first) I had a bright idea to tur...

177. Miscellaneous updates
Source: Herman's blog | Published: 2025-09-22T07:40:37.607154+00:00
Link: https://herman.bearblog.dev/misc-updates/

Hi everyone, Just some updates about upcoming travel and events; responses to the recent post about social media platforms; and some thoughts about the Bear license update. Travel I'll be heading to Istanbul next week for Microconf , which is a yearly conference where non-venture track founders get together, explore a new city, and learn from one another. I had meant to go to the one last year in Croatia, but had just gotten back from two months in Vietnam, and the thought of travelling again so soon felt daunting. I've made two Bear t-shirts for the conference. One light and one dark mode?inspired by the default Bear theme. Let's see if anyone notices! If you live in Istanbul and want to grab coffee, I'm keen! If you've previously travelled to Istanbul and have recommendations for me, please pop me an email. I have a few days to explore the city. Slow social media I received so many great emails from people about my post on slow social media . There are many great projects underway at the moment, and many great projects that unfortunately didn't make it. Some notable standouts to me: Unfortunately no longer with us: Cohost Path Telepath Here are some projects that are up-and-runn...

178. FreeBSD vs. SmartOS: Who's Faster for Jails, Zones, and bhyve VMs?
Source: IT Notes | Published: Fri, 19 Sep 2025 10:50:00 +0200
Link:
https://it-notes.dragas.net/2025/09/19/freebsd-vs-smartos-whos-faster-for-jails-zones-bhyve/
Which virtualization host performs better? I put FreeBSD and SmartOS in a head-to-head showdown. The performance of Jails, Zones, and bhyve VMs surprised me, forcing a second round of tests on different hardware to find the real winner.

179. Introducing the illumos Cafe: Another Cozy Corner for OS Diversity
Source: IT Notes | Published: Mon, 18 Aug 2025 09:04:00 +0200
Link: https://it-notes.dragas.net/2025/08/18/introducing-the-illumos-cafe/
Introducing illumos Cafe: a community-run hub on illumos, inspired by BSD Cafe. Fediverse-ready (Mastodon, snac). Built for OS diversity, transparency, and positivity.

180. Make Your Own Backup System ? Part 2: Forging the FreeBSD Backup Stronghold
Source: IT Notes | Published: Tue, 29 Jul 2025 08:00:00 +0200
Link: https://it-notes.dragas.net/2025/07/29/make-your-own-backup-system-part-2-forging-the-freebsd-backup-stronghold/
Build a bulletproof backup server with FreeBSD, ZFS, and jails. Complete guide covering encryption, security hardening, and multiple backup strategies for enterprise-grade data protection.

181. Maritime Marketplace
Source: Daniel De Laney | Published: Fri, 20 Apr 2018 00:00:00 +0000
Link: http://danieldelaney.net/nm/
Sorry, this video didn?t work. Sorry, this video didn?t work. Sorry, this video didn?t work. Sorry, this video didn?t work.

182. Secure File Transfer
Source: Daniel De Laney | Published: Fri, 20 Apr 2018 00:00:00 +0000
Link: http://danieldelaney.net/cd/
During my time at frog, I lead a team of designers to transform a secure file transfer app owned by IBM. In addition to leading the team in Austin I helped manage designers working out of frog?s new studio in India, reviewing their work and setting priorities. frog itself has a long and storied history in design, and I felt lucky to work with such an amazing team of serious veteran designers. Research The first part of the program was spent on research, interviewing stakeholders and gaining an understanding of how the product worked and where it needed to go. User research was conducted remotely with a variety of large clients in finance. Our research showed that the short-term focus needed to be on fixing some glaring UI issues, whereas the long-term focus should be on evolving the software to be centrally managed. Visual Design I spent time guiding the visual designers on my team, helping them to understand the

unique requirements associated with this kind of product. Special attention needed to the meaning of color in the context of an secure enterprise product, and IBM has strict brand and accessibility guidelines. Interaction Design Willy

183. Atomic Design in 1998
Source: Daniel De Laney | Published: Thu, 08 Feb 2018 00:00:00 +0000
Link: http://danieldelaney.net/atomic/
When you hear ?atomic design,? you probably think of Brad Frost. Interestingly, he was not the first person to develop that method of delivering design as components, or even the terminology. Brad published his atomic design article in 2013. While digging through the archives at frog , I?ve learned that Mark Rolston developed and applied an atomic framework as early as 1998. The description found on the Index page, now 20 years old, embodies every bit the same spirit as the recent design systems movement: The Dell Design Center helps Dell employees and creative vendors maintain a single, global online brand for Dell.com. By adhering to the design methodology and object guidelines in the Dell Design Center, anyone can create and implement new content without diluting the Dell global online brand. Part reference manual, part cookbook, part toolbox, the Dell Design Center is an up-to-date, online repository of the imagery and methodology needed for Dell.com construction. When I asked Brad, he said that he wasn?t familiar with the earlier work done at frog. ?For what it?s worth,? he remarked, ?modular thinking in design is nothing new, and I acknowledge as much in my book.?

184. Underused Techniques for Effective Emails
Source: Refactoring English | Published: Wed, 16 Jul 2025 00:00:00 +0000
Link: https://refactoringenglish.com/chapters/techniques-for-writing-emails/
blockquote { font-style: normal; } .pm-email blockquote { border-left: 4px solid purple !important; } .good-email blockquote { border-left: 4px solid #02c700 !important; h3 { margin-top: 1rem; font-size: 1.6em; font-weight: bold; } } .bad-email blockquote { border-left: 4px solid red !important; } p img { margin-top: 3rem !important; margin-bottom: 1rem !important; } For software developers, there?s tremendous value in writing effective emails. Good emails save time, reduce misunderstandings, and earn you recognition within your company.

185. How to Write Compelling Software Release Announcements
Source: Refactoring English | Published: Wed, 25 Jun 2025 00:00:00 +0000
Link: https://refactoringenglish.com/chapters/release-announcements/
A release announcement showcases how the user?s experience is better today than it was yesterday. That sounds obvious, but most release announcements seem to forget that there?s a user at all. So many release announcements just enumerate new features in a way that?s totallly divorced from how real people use the software. The announcement is essentially just a changelog with better writing. For example, here?s a ?changelog? style of announcing a new feature:

186. How to Write Blog Posts that Developers Read
Source: Refactoring English | Published: Thu, 27 Mar 2025 00:00:00 +0000
Link: https://refactoringenglish.com/chapters/write-blog-posts-developers-read/
I recently spoke to a developer who tried blogging but gave up because nobody was reading his posts. I checked out his blog, and it was immediately obvious why he didn?t have any readers. The developer had interesting insights, but he made so many mistakes in presenting his ideas that he was driving everyone away. The tragedy was that these errors were easy to fix. Once you learn to recognize them, they feel obvious, but some bloggers make these mistakes for years.

187. Weekly Update 485
Source: Troy Hunt | Published: Wed, 07 Jan 2026 06:26:04 GMT
Link: https://www.troyhunt.com/weekly-update-485/
15 mins and 40 seconds. That's how long it took to troubleshoot the first tech problem of 2026, and that's how far you'll need to skip through this video to hear the audio at normal volume.

The problem Scott and I had is analogous

188. Weekly Update 484
Source: Troy Hunt | Published: Sun, 28 Dec 2025 09:33:52 GMT
Link: https://www.troyhunt.com/weekly-update-484/
I think the start of this week's video really nailed it for the techies amongst us: shit
doesn't work, you change something random and now shit works and yu have no idea why ???? Such
was my audio this week and apoligise to

189. Weekly Update 483
Source: Troy Hunt | Published: Sat, 20 Dec 2025 06:31:41 GMT
Link: https://www.troyhunt.com/weekly-update-483/
Building out an IoT environment is a little like the old Maslow's Hierarchy of Needs. All the
stuff on the top is only any good if all the stuff on the bottom is good, starting with power.
This week, I couldn't even get that right, but

190. Learn Shader Programming with Rick and Morty
Source: Daniel Hooper | Published: Tue, 04 Feb 2025 00:00:00 +0000
Link: https://danielchasehooper.com/posts/code-animated-rick/
An interactive guide on making animations on the GPU Read the whole article on
danielchasehooper.com ?

191. Why Swift?s Type Checker Is So Slow
Source: Daniel Hooper | Published: Wed, 12 Jun 2024 00:00:00 +0000
Link: https://danielchasehooper.com/posts/why-swift-is-slow/
How a 10 year old design choice for Swift?s type checker still haunts us to this day Read the
whole article on danielchasehooper.com ?

192. Making a 3D Modeler, in C, in a Week
Source: Daniel Hooper | Published: Thu, 02 May 2024 00:00:00 +0000
Link: https://danielchasehooper.com/posts/shapeup/
The origin story of a 3D Modeler made very quickly Read the whole article on
danielchasehooper.com ?

193. The sound of inevitability
Source: Tom Renner on My place to put things | Published: Sat, 12 Jul 2025 00:00:00 +0000
Link: https://tomrenner.com/posts/llm-inevitabilism/
Have you ever argued with someone who is seriously good at debating? I have. It sucks. You?re
constantly thrown off-balance, responding to a point you didn?t expect to. You find yourself
defending the weak edges of your argument, while the main thrust gets left behind in the
back-and-forth, and you end up losing momentum, confidence, and ultimately, the argument. One
of my close friends won international debate competitions for fun while we were at university
(he?s now a successful criminal barrister), and he told me that the only trick in the book,
once you boil it all down, is to make sure the conversation is framed in your terms. Once that
happens, it?s all over bar the shouting.

194. Saying the quiet part out loud
Source: Tom Renner on My place to put things | Published: Wed, 02 Aug 2023 00:00:00 +0000
Link: https://tomrenner.com/posts/saying-the-quiet-part-out-loud/
?Saying the quiet part out loud? is a phrase I?ve just made up, to describe a method of
building alignment on practices within a team. It?s the habit of stating why you are doing
things a certain way, even when you would assume it?s obvious.

195. Cull your dependencies
Source: Tom Renner on My place to put things | Published: Thu, 09 Jun 2022 00:00:00 +0000

Link: https://tomrenner.com/posts/cull-your-dependencies/
Anyone writing code professionally in December 2021 will remember the ?fun? of the Log4J
vulnerability . For those that weren?t - this was a critical security error that allowed
attackers to run any code they wanted on your servers. The root cause was a logging library,
Log4J, that is used by most projects that are writting in Java. It?s usually used to write code
something like: log.info("Process completed successfully"); which will then appear in your
logs, allowing you to track your application?s behaviour. Pretty innocuous stuff.

196. The Coming AI Compute Crunch
Source: Martin Alderson | Published: Sat, 10 Jan 2026 00:00:00 GMT
Link: https://martinalderson.com/posts/the-coming-ai-compute-crunch/?utm_source=rss
Why DRAM shortages, not capital, will define AI infrastructure growth through 2027

197. Which programming languages are most token-efficient?
Source: Martin Alderson | Published: Thu, 08 Jan 2026 00:00:00 GMT
Link: https://martinalderson.com/posts/which-programming-languages-are-most-token-efficient/?ut
m_source=rss
Comparing token efficiency across 19 popular programming languages using RosettaCode data -
from Clojure to C, there's a 2.6x difference.

198. I ported Photoshop 1.0 to C# in 30 minutes
Source: Martin Alderson | Published: Mon, 05 Jan 2026 00:00:00 GMT
Link:
https://martinalderson.com/posts/ported-photoshop-1-to-csharp-in-30-minutes/?utm_source=rss
Using Claude Code to port 120k lines of Pascal and 68k assembly to modern C# - and what this
means for cross-platform development

199. Try-Catch Control Flow Obfuscation
Source: Cats with power tools | Published: Tue, 04 Mar 2025 00:42:00 GMT
Link: https://blog.pixelmelt.dev/try-catch-control-flow-obfuscation/
JavaScript exception handling can be exploited to create non-linear code flow that confuses
analysis.

200. Overview of JavaScript Virtualization Obfuscation
Source: Cats with power tools | Published: Thu, 13 Feb 2025 00:43:00 GMT
Link: https://blog.pixelmelt.dev/overview-of-javascript-virtualization-obfuscation/
Notes on virtualization obfuscation of JavaScript.

201. Javascript obfuscation tricks
Source: Cats with power tools | Published: Tue, 03 Dec 2024 00:24:00 GMT
Link: https://blog.pixelmelt.dev/javascript-obfuscation-tricks/
JavaScript quirks that can be used for obfuscation.

202. Steve Jobs, Jef Raskin, and the first great war for your thumbs
Source: Aresluna | Published: 2025-03-29T00:00:00.000Z
Link: https://aresluna.org/steve-jobs-jef-raskin-and-the-first-great-war-for-your-thumbs
On some brilliant, idiosyncratic, and often ill-fated gambits to transform computer input. (New
version of an essay originally posted in March 2023. 3,400 words.)

203. A hacker?s guide to bending the universe
Source: Aresluna | Published: 2025-03-18T00:00:00.000Z
Link: https://aresluna.org/a-hackers-guide-to-bending-the-universe
If you're going to conquer the world, you can't let a broken CRT monitor stand in your way.
(New version of an essay originally posted in March 2016. 3,200 words.)

204. In the footsteps of Robert Moses
Source: Aresluna | Published: 2025-03-18T00:00:00.000Z
Link: https://aresluna.org/in-the-footsteps-of-robert-moses
Roadtripping across the bridges, highways, and parks of America?s most controversial urban
planner. (New version of a photoessay originally posted in June 2014. 7,000 words, 100 photos.)

205. A catalog of side effects
Source: Max Bernstein's Blog | Published: Tue, 11 Nov 2025 00:00:00 +0000
Link: https://bernsteinbear.com/blog/compiler-effects/?utm_source=rss
Optimizing compilers like to keep track of each IR instruction?s effects . An instruction?s
effects vary wildly from having no effects at all, to writing a specific variable, to
completely unknown (writing all state). This post can be thought of as a continuation of What I
talk about when I talk about IRs , specifically the section talking about asking the right
questions. When we talk about effects, we should ask the right questions: not what opcode is
this? but instead what effects does this opcode have? Different compilers represent and track
these effects differently. I?ve been thinking about how to represent these effects all year, so
I have been doing some reading. In this post I will give some summaries of the landscape of
approaches. Please feel free to suggest more. Some background Internal IR effect tracking is
similar to the programming language notion of algebraic effects in type systems, but
internally, compilers keep track of finer-grained effects. Effects such as ?writes to a local
variable?, ?writes to a list?, or ?reads from the stack? indicate what instructions can be
re-ordered, duplicated, or removed entirely. For example, consider the following pseodocode
for...

206. Walking around the compiler
Source: Max Bernstein's Blog | Published: Tue, 23 Sep 2025 00:00:00 +0000
Link: https://bernsteinbear.com/blog/walking-around/?utm_source=rss
Walking around outside is good for you. [citation needed] A nice amble through the trees can
quiet inner turbulence and make complex engineering problems disappear. Vicki Boykis wrote a
post, Walking around the app , about a more proverbial stroll. In it, she talks about
constantly using your production application?s interface to make sure the whole thing is
cohesively designed with few rough edges. She also talks about walking around other parts of
the implementation of the application, fixing inconsistencies, complex machinery, and broken
builds. Kind of like picking up someone else?s trash on your hike. That?s awesome and
universally good advice for pretty much every software project. It got me thinking about how I
walk around the compiler. What does your output look like? There?s a certain class of software
project that transforms data?compression libraries, compilers, search engines?for which there?s
another layer of ?walking around? you can do. You have the code, yes, but you also have
non-trivial output . By non-trivial, I mean an output that scales along some quality axis
instead of something semi-regular like a JSON response. For compression, it?s size. For
compilers, i...

207. Linear scan with lifetime holes
Source: Max Bernstein's Blog | Published: Sun, 24 Aug 2025 00:00:00 +0000
Link: https://bernsteinbear.com/blog/linear-scan-lifetime-holes/?utm_source=rss
In my last post , I explained a bit about how to retrofit SSA onto the original linear scan
algorithm. I went over all of the details for how to go from low-level IR to register
assignments?liveness analysis, scheduling, building intervals, and the actual linear scan
algorithm. Basically, we made it to 1997 linear scan, with small adaptations for allocating
directly on SSA. This time, we?re going to retrofit lifetime holes . Lifetime holes Lifetime
holes come into play because a linearized sequence of instructions is not a great proxy for
storing or using metadata about a program originally stored as a graph. According to Linear
Scan Register Allocation on SSA Form (PDF, 2010): The lifetime interval of a virtual register
must cover all parts where this register is needed, with lifetime holes in between. Lifetime
holes occur because the control flow graph is reduced to a list of blocks before register

allocation. If a register flows into an else -block, but not into the corresponding if -block, the lifetime interval has a hole for the if -block. Lifetime holes come from Quality and Speed in Linear-scan Register Allocation (PDF, 1998) by Traub, Holloway, and Smith. Figure 1, though...

208. Typo Minimizing Keyboard
Source: Grant Slatton's Blog | Published: Sun, 6 Apr 2025 18:48:00 +0000
Link: https://grantslatton.com/typo-minimizing-keyboard
Layout optimization problem

209. The Curve is Bending
Source: Grant Slatton's Blog | Published: Sat, 5 Apr 2025 18:21:00 +0000
Link: https://grantslatton.com/the-curve-is-bending
Predictions on near-term AI inference spending

210. Graph Search Algorithm: The Game
Source: Grant Slatton's Blog | Published: Fri, 4 Apr 2025 04:38:00 +0000
Link: https://grantslatton.com/graph-search-puzzle-game
A fun puzzle game

211. That Time I Told My Wife I Wanted to Quit My Job
Source: Keygen Blog | Published: Tue, 21 Sep 2021 05:00:00 GMT
Link: https://keygen.sh/blog/that-time-i-told-my-wife-i-wanted-to-quit-my-job/
It was midnight on May 22nd, 2016 that I pushed my first commit to GitHub for a new idea. Little did I know what would happen next.

212. From Side-Project to Full-Time: 5 Things I've Learned in 5 Years
Source: Keygen Blog | Published: Tue, 28 Sep 2021 05:00:00 GMT
Link: https://keygen.sh/blog/5-things-ive-learned-in-5-years/
I've learned a lot going from a side project to a full-time business. Read on to learn the 5 things that have stuck with me.

213. How to Implement TOTP 2FA in Rails using ROTP
Source: Keygen Blog | Published: Mon, 04 Oct 2021 05:00:00 GMT
Link: https://keygen.sh/blog/how-to-implement-totp-2fa-in-rails-using-rotp/
Learn how to implement OTP second factor authentication in a Ruby on Rails app using the ROTP gem.

214. You say potato, I say leprosy
Source: Experimental History | Published: Wed, 12 Nov 2025 00:45:53 GMT
Link: https://www.experimental-history.com/p/you-say-potato-i-say-leprosy
Links 'n' updates for Fall 2025

215. The Decline of Deviance
Source: Experimental History | Published: Tue, 28 Oct 2025 15:21:32 GMT
Link: https://www.experimental-history.com/p/the-decline-of-deviance
Where has all the weirdness gone?

216. Bamboozle me, daddy
Source: Experimental History | Published: Tue, 14 Oct 2025 15:48:04 GMT
Link: https://www.experimental-history.com/p/bamboozle-me-daddy
OR: The triple-decker fallacy

217. Wikipedia at 25: What the web can be
Source: Anil Dash | Published: 2026-01-15T00:00:00Z

Link: https://anildash.com/2026/01/15/wikipedia-at-25/

When Wikipedia launched 25 years ago today , I heard about it almost immediately, because the Internet was small back then, and I thought ?Well? good luck to those guys.? Because there had been online encyclopedias before Wikipedia, and anybody who really cared about this stuff would, of course, buy Microsoft Encarta on CD-ROM, right? I?d been fascinated by the technology of wikis for a good while at that point, but was still not convinced about whether they could be deployed at such a large scale. So, once Wikipedia got a little bit of traction, and I met Jimmy Wales the next year, I remember telling him (with all the arrogance that only a dude that age can bring to such an obvious point) ?well, the hard part is going to be getting all the people to contribute?. As you may be aware, Jimmy, and a broad worldwide community of volunteers, did pretty well with the hard part. Wikipedia has, of course, become vital to the world?s information ecosystem. Which is why everyone needs to be aware of the fact that it is currently under existential threat from those who see any reliable source of truth as an attack on their power. The same authoritarians in power who are trying to purchase ev...

218. Codeless: From idea to software

Source: Anil Dash | Published: 2026-01-22T00:00:00Z

Link: https://anildash.com/2026/01/22/codeless/

Something actually new? There?s finally been a big leap forward in coding tech unlocked by AI ? not just ?it?s doing some work for me?, but ?we couldn?t do this before?. What?s new are a few smart systems that let coders control fleets of dozens of coding bots, all working in tandem, to swarm over a list of tasks and to deliver entire features, or even entire sets of features, just from a plain-English description of the strategic goal to be accomplished. This isn?t a tutorial, this is just trying to understand that something cool is happening, and maybe we can figure out what it means, and where it?s going. Lots of new technologies and buzzwords with wacky names like Gas Town and Ralph Wiggum and loops and polecats are getting as much attention as, well, anything since vibe coding. So what?s really going on? The breakthrough here came from using two familiar ideas in interesting new ways. The first idea is orchestration . Just like cloud computing got massively more powerful when it became routine for coders to be able to control entire fleets of servers, the ability to reliably configure and control entire fleets of coding bots unlocks a much higher scale of capability than any...

219. Why We Speak

Source: Anil Dash | Published: 2026-01-26T00:00:00Z

Link: https://anildash.com/2026/01/26/why-we-speak/

I've been working in and around the technology industry for a long time. Depending on how you count, it's 20 or 30 years. (I first started getting paid to put together PCs with a screwdriver when I was a teenager, but there isn't a good way to list that on LinkedIn.) And as soon as I felt like I was pretty sure that I was going to be able to pay the next month's rent without having to eat ramen noodles for two weeks before it was due, I felt like I'd really made it. And as soon as you've made it, you owe it to everybody else to help out as much as you can. I don't know how to put it more simply than that. But for maybe the first decade of being in the "startup" world, where everybody was worried about appealing to venture capital investors, or concerned about getting jobs with the big tech companies, I was pretty convinced that one of the things that you couldn't do to help people was to talk about some of the things that were wrong. Especially if the things that were wrong were problems that, when described, might piss off the guys who were in charge of the industry. But eventually, I got a little bit of power, mostly due to becoming a little bit visible in the industry, and I st...

220. XOR

Source: Simon Tatham's quasi-blog | Published: 2025-02-14T00:00:00+00:00

Link: https://www.chiark.greenend.org.uk/~sgtatham/quasiblog/xor/

An introduction to the boolean and bitwise XOR operators, their uses, and some advanced topics they lead in to.

221. Post-quantum public-key encryption: what?s it all about?
Source: Simon Tatham's quasi-blog | Published: 2025-01-02T00:00:00+00:00
Link: https://www.chiark.greenend.org.uk/~sgtatham/quasiblog/pq-kem/
An explanation of some post-quantum public-key cryptosystems, simplified to the level of pop-science.

222. Separation of concerns in a bug tracker
Source: Simon Tatham's quasi-blog | Published: 2024-11-01T00:00:00+00:00
Link: https://www.chiark.greenend.org.uk/~sgtatham/quasiblog/bugtracker-separate/
A design thought about how bug trackers could use a more accurate data representation to make queries easier.

223. FYI: Broadcom is ruining Bitnami containers
Source: matduggan.com | Published: Thu, 28 Aug 2025 07:44:55 GMT
Link: https://matduggan.com/fyi-broadcom-is-ruining-bitnami-containers/
You'll need to switch off ASAP.

224. What Does a Post-Google Internet Look Like
Source: matduggan.com | Published: Mon, 30 Jun 2025 11:42:31 GMT
Link: https://matduggan.com/what-does-a-post-google-internet-look-like/
Google is moving to quickly kill internet search and replace it with a closed ecosystem of LLM-generated answers. This will change the entire economics of how the internet works.

225. What Would a Kubernetes 2.0 Look Like
Source: matduggan.com | Published: Thu, 19 Jun 2025 11:57:29 GMT
Link: https://matduggan.com/what-would-a-kubernetes-2-0-look-like/
As we approach the 10 year anniversary of the 1.0 release of Kubernetes, let's take stock of the successes and failures of the project in the wild. Also what would be on a wish list for a Kubernetes 2.0 release.

226. Why is there no consistent single signon API flow?
Source: Matthew Garrett | Published: Tue, 24 Jun 2025 06:03:07 GMT
Link: https://mjg59.dreamwidth.org/72688.html
Single signon is a pretty vital part of modern enterprise security. You have users who need access to a bewildering array of services, and you want to be able to avoid the fallout of one of those services being compromised and your users having to change their passwords everywhere (because they're clearly going to be using the same password everywhere), or you want to be able to enforce some reasonable MFA policy without needing to configure it in 300 different places, or you want to be able to disable all user access in one place when someone leaves the company, or, well, all of the above. There's any number of providers for this, ranging from it being integrated with a more general app service platform (eg, Microsoft or Google) or a third party vendor (Okta, Ping, any number of bizarre companies). And, in general, they'll offer a straightforward mechanism to either issue OIDC tokens or manage SAML login flows, requiring users present whatever set of authentication mechanisms you've configured. This is largely optimised for web authentication, which doesn't seem like a huge deal - if I'm logging into Workday then being bounced to another site for auth seems entirely reasonable. T...

227. My a11y journey
Source: Matthew Garrett | Published: Fri, 20 Jun 2025 08:48:38 GMT
Link: https://mjg59.dreamwidth.org/72379.html
23 years ago I was in a bad place. I'd quit my first attempt at a PhD for various reasons that were, with hindsight, bad, and I was suddenly entirely aimless. I lucked into picking up a sysadmin role back at TCM where I'd spent a summer a year before, but that's not really what I wanted in my life. And then Hanna mentioned that her PhD supervisor was looking for someone familiar with Linux to work on making Dasher , one of the group's research projects, more

usable on Linux. I jumped. The timing was fortuitous. Sun were pumping money and developer effort into accessibility support, and the Inference Group had just received a grant from the Gatsy Foundation that involved working with the ACE Centre to provide additional accessibility support. And I was suddenly hacking on code that was largely ignored by most developers, supporting use cases that were irrelevant to most developers. Being in a relatively green field space sounds refreshing, until you realise that you're catering to actual humans who are potentially going to rely on your software to be able to communicate. That's somewhat focusing. This was, uh, something of an on the job learning experience. I had to catch up with a...

228. Locally hosting an internet-connected server
Source: Matthew Garrett | Published: Tue, 17 Jun 2025 05:17:40 GMT
Link: https://mjg59.dreamwidth.org/72095.html
I'm lucky enough to have a weird niche ISP available to me, so I'm paying $35 a month for around 600MBit symmetric data. Unfortunately they don't offer static IP addresses to residential customers, and nor do they allow multiple IP addresses per connection, and I'm the sort of person who'd like to run a bunch of stuff myself, so I've been looking for ways to manage this. What I've ended up doing is renting a cheap VPS from a vendor that lets me add multiple IP addresses for minimal extra cost. The precise nature of the VPS isn't relevant - you just want a machine (it doesn't need much CPU, RAM, or storage) that has multiple world routeable IPv4 addresses associated with it and has no port blocks on incoming traffic. Ideally it's geographically local and peers with your ISP in order to reduce additional latency, but that's a nice to have rather than a requirement. By setting that up you now have multiple real-world IP addresses that people can get to. How do we get them to the machine in your house you want to be accessible? First we need a connection between that machine and your VPS, and the easiest approach here is Wireguard . We only need a point-to-point link, nothing routable...

229. Unsigned char std::basic_string<> in C++
Source: Bert Hubert's writings | Published: Sat, 03 Jan 2026 23:00:02 +0100
Link: https://berthub.eu/articles/posts/unsigned-char-std-string-cpp/
Brief post on a somewhat vexing and irritating C++ problem I ran into some time ago. I hope that this page will help other people deal with this problem more quickly than I did. I?ve long used std::basic_string , an unsigned char string, for fiddling with bits. You could use a regular char string, but especially when doing cryptographic or sub-byte operations, it is more convenient to not have to deal with sign bits.

230. The European Cloud Situation at the end of 2025
Source: Bert Hubert's writings | Published: Tue, 23 Dec 2025 11:20:00 +0100
Link: https://berthub.eu/articles/posts/the-european-cloud-2025/
As the year draws to an end now is a good time to review where we are with Europe?s cloud situation, and what has been achieved. One thing is certain, a lot has happened, and also quite a lot has become clearer. tl;dr: Great strides have been made in 2025, especially in convincing people that something must be done, and outlining what that might be. Industry buyers are not going to lead us since they mostly care about next quarter?s results.

231. Cloud Overview
Source: Bert Hubert's writings | Published: Tue, 23 Dec 2025 12:10:00 +0200
Link: https://berthub.eu/articles/posts/cloud-overview/
Over the past few years I?ve written a lot about the cloud, and what it means for Europe. Here I want to pull the various articles together into a coherent story. Note, nothing of what follows is in any way novel or original. While the facts presented in the articles are pretty inconvenient and in parts depressing, they are not controversial (or should not be). To get updates when I post something new, do subscribe to my mailing list.

232. Benchmarking MicroPython

In the Q&A session following my EuroPython 2025 presentation about the Microdot web framework, a member of the audience asked me what the performance of MicroPython running on a microcontroller is. This took me a bit by surprise, because I really had no way to quantify it, I just knew it was, in vague terms, not great. I never questioned the low performance, because it was never a problem for me. My answer to the question was that microcontrollers cannot replace a computer, and that these devices are only useful for small, focused tasks that are not demanding in any way. But after returning from the conference I kept thinking about this question, which piqued my curiosity. So I decided to build a better mental image of the performance these little machines have. In this blog post I want to share some results that compare Python code running on a few microcontroller boards that I have collected through my experiments with hardware, along with my laptop and a Raspberry Pi 4 to help put things into perspective.

233. Why Generative AI Coding Tools and Agents Do Not Work For Me
People keep asking me If I use Generative AI tools for coding and what I think of them, so this is my effort to put my thoughts in writing, so that I can send people here instead of having to repeat myself every time I get the question. From the title you already know that this isn't a pro-AI blog post. But it isn't an anti-AI post either, at least I don't think it is. There are already plenty of articles by AI promoters and AI critics, so I don't feel there is a need for me to write one more of those. While I'm definitely not neutral on the subject, in this article I'm just going to share my personal experience with these tools, from a strictly technical point of view.

234. Create a React + Flask Project in 2025
My article on creating a React + Flask project is one of the most visited on this blog. Can you believe that I wrote it over 5 years ago? In this article and video I'm going to share how I'm building this type of project in 2025. The main change I've introduced since I documented my 2020 process is that now I'm using Vite (French word that is pronounced "veet" and means "quick") instead of create-react-app to scaffold the React application, since the latter isn't maintained anymore.

235. memories of .us
How much do you remember from elementary school? I remember vinyl tile floors, the playground, the teacher sentencing me to standing in the hallway. I had a teacher who was a chess fanatic; he painted a huge chess board in the paved schoolyard and got someone to fabricate big wooden chess pieces. It was enough of an event to get us on the evening news. I remember Run for the Arts, where I tried to talk people into donating money on the theory that I could run, which I could not. I'm about six months into trying to change that and I'm good for a mediocre 5k now, but I don't think that's going to shift the balance on K-12 art funding. I also remember a domain name: bridger.pps.k12.or.us I have quipped before that computer science is a field mostly concerned with assigning numbers to things, which is true, but it only takes us so far. Computer scientists also like to organize those numbers into structures, and one of their favorites has always been the tree. The development of wide-area computer networking surfaced a whole set of problems around naming or addressing computer systems that belong to organizations. A wide-area network consists of a set of institutions that manage their...

236. the steorn orbo
Source: computers are bad | Published: 27 Oct 2025 00:00:00 UT
Link: https://computer.rip/2025-10-28-the-steorn-orbo.html
We think that we're converting time into energy... that's the engineering principle. In the
1820s, stacks, ovens, and gasometers rose over the docklands of Dublin. The Hibernian Gas
Company, one of several gasworks that would eventually occupy the land around the Grand Canal
Docks, heated coal to produce town gas. That gas would soon supply thousands of lights on the
streets of Dublin, a quiet revolution in municipal development that paved the way for
electrification---both conceptually, as it proved the case for public lighting, and literally,
as town gas fired the city's first small power plants. Ireland's supply of coal became scarce
during the Second World War; as part of rationing of the town gas supply most street lights
were shut off. Town gas would never make a full recovery. By that time, electricity had proven
its case for lighting. Although coal became plentiful after the war, imported from England and
transported from the docks to the gasworks by horse teams, even into the 1960s---this form of
energy had become obsolete. In the 1980s, the gasworks stoked their brick retorts for the last
time. Natural gas had arrived. It was cheaper, cleaner, safer. The Docklands still...

237. The Ascent to Sandia Crest II
Source: computers are bad | Published: 19 Oct 2025 00:00:00 UT
Link: https://computer.rip/2025-10-20-ascent-to-sandia-crest-2.html
Where we left off , Albuquerque's boosters, together with the Forest Service, had completed
construction of the Ellis Ranch Loop and a spur to the Sandia Crest. It was possible, even
easy, to drive from Albuquerque east through Tijeras Pass, north to the present-day location of
Sandia Park, and through the mountains to Placitas before reaching Bernalillo to return by the
highway. The road provided access to the Ellis Ranch summer resort, now operated by the Cooper
family and the First Presbyterian Church, and to the crest itself. The road situation would
remain much the same for decades to come, although not due to a lack of investment. One of the
road-building trends of the 1920s and 1930s was the general maturation of the United States'
formidable highway construction program. The Federal Aid Highway Act of 1921 established the
pattern that much of western road building would follow: the federal government would split
costs 50:50 to help western states build highways. This funding would bring about many of the
US highways that we use today. A share of the money, called the forest highway fund, was
specifically set aside for highways that were in national forests or connected nat...

238. Secret Management on NixOS with sops-nix
Source: Michael Stapelbergs Website | Published: 2025-08-24T09:56:00+02:00
Link: https://michael.stapelberg.ch/posts/2025-08-24-secret-management-with-sops-nix/
Passwords and secrets like cryptographic key files are everywhere in computing. When
configuring a Linux system, sooner or later you will need to put a password somewhere ? for
example, when I migrated my existing Linux Network Storage (NAS) setup to NixOS , I needed to
specify the desired Samba passwords in my NixOS config (or manage them manually, outside of
NixOS). For personal computers, this is fine, but if the goal is to share system configurations
(for example in a Git repository), we need a different solution: Secret Management. What is
Secret Management? The basic idea behind Secret Management systems is to encrypt the secrets at
rest, meaning if somebody clones the git repository containing your NixOS system
configurations, they cannot access (and therefore, also not deploy) the encrypted secrets.
Conceptually, we need to: Encrypt the secrets such that the target system can decrypt them.
Encrypt the secrets such that other people working on this config can decrypt them. Have the
target system decrypt secrets at runtime. Tell our software where to access the decrypted
secrets. sops-nix setup In this article, I will show how to accomplish the above using
sops-nix. Here?s a...

239. Development shells with Nix: four quick examples
Source: Michael Stapelbergs Website | Published: 2025-07-27T08:50:00+02:00
Link: https://michael.stapelberg.ch/posts/2025-07-27-dev-shells-with-nix-4-quick-examples/

I wanted to use GoCV for one of my projects (to find and extract paper documents from within a larger scan), without permanently having OpenCV on my system. This seemed like a good example use-case to demonstrate a couple of Nix commands I like to use, covering quick interactive one-off dev shells to fully declarative, hermetic, reproducible, shareable dev shells. Notably, you don?t need to use NixOS to run these commands! You can install and use Nix on any Linux system like Debian, Arch, etc., as long as you set a Nix path or use Flakes (see setup). For comparison: The Debian Way Before we start looking at Nix, I will show how to get GoCV running on Debian. Let?s create a minimal Go program which uses a GoCV function like gocv.NewMat() , just to verify that we can compile this program: package main import "gocv.io/x/gocv" func main () { gocv. NewMat () } If we try to build this on a Debian system, we get: debian % mkdir -p /tmp/minimal debian % cd /tmp/minimal debian % cat > minimal.go On Debian, we can install OpenCV as follows: debian % sudo apt install libopencv-dev [?] Summary: Upgrading: 7, Installing: 512, Removing: 0, Not Upgrading: 27 Download size: 367 MB Space needed:...

240. Migrating my NAS from CoreOS/Flatcar Linux to NixOS
Source: Michael Stapelbergs Website | Published: 2025-07-13T08:17:00+02:00
Link: https://michael.stapelberg.ch/posts/2025-07-13-nixos-nas-network-storage-config/
In this article, I want to show how to migrate an existing Linux server to NixOS ? in my case the CoreOS/Flatcar Linux installation on my Network Attached Storage (NAS) PC. I will show in detail how the previous CoreOS setup looked like (lots of systemd units starting Docker containers), how I migrated it into an intermediate state (using Docker on NixOS) just to get things going, and finally how I migrated all units from Docker to native NixOS modules step-by-step. If you haven?t heard of NixOS, I recommend you read the first page of the NixOS website to understand what NixOS is and what sort of things it makes possible. The target audience of this blog post is people interested in trying out NixOS for the use-case of a NAS, who like seeing examples to understand how to configure a system. You can apply these examples by first following my blog post ?How I like to install NixOS (declaratively)? , then making your way through the sections that interest you. If you prefer seeing the full configuration, skip to the conclusion . Context/History Over the last decade, I used a number of different operating systems for my NAS needs. Here?s an overview of the 2 NAS systems storage2 and s...