



Daily Technology Report

Today's Technology Trends

October 25, 2026 (Sunday)

A Few Sips

Today, in the developer ecosystem, embodied agents that interact with the physical world and audit frameworks targeting the security vulnerabilities of large language models (LLMs) are coming to the fore. New tools on GitHub and Hugging Face focus on both the management of hardware-based systems and privacy testing for distributed models.

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01 cloudflare/security-audit-skill

The security-audit-skill developed by Cloudflare is a JavaScript-based capability package that turns software agents into auditors capable of performing multi-stage security audits. This tool manages processes ranging from discovery to reporting with independently verifiable and machine-readable findings.

JavaScript · ★ 44,962 · +2,264 today <https://github.com/cloudflare/security-audit-skill>

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02 NVIDIA/OpenShell

OpenShell, developed by NVIDIA, offers a secure and privacy-focused runtime environment for autonomous AI agents. Written in Rust, this tool audits data access by limiting the capabilities of agents, such as reading files or using APIs (a digital bridge that allows two different software programs to talk to each other), within the framework of specific policies.

Rust · ★ 19,571 · +896 today <https://github.com/NVIDIA/OpenShell>

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03 aws/agent-toolkit-for-aws

The aws/agent-toolkit-for-aws offered by Amazon Web Services includes official tools, plugins, and Model Context Protocol (MCP) servers that enable AI agents to develop, deploy, and manage applications on AWS. This Python-based toolkit allows AI agents to work more compatibly with AWS infrastructure in software development processes.

Python · ★ 3,178 · +13 today <https://github.com/aws/agent-toolkit-for-aws>

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04 Nutlope/hallmark

Nutlope/hallmark offers a design skill that prevents content created on AI-powered code editors like Cursor, Claude Code, and Codex from looking like it was generated by AI. This tool aims to visually individualize standard AI outputs that emerge during software development processes.

CSS · ★ 32,343 · +455 today <https://github.com/Nutlope/hallmark>

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05 luongnv89/claude-howto

luongnv89/claude-howto provides a visual and example-oriented guide for Claude Code, ranging from basic concepts to advanced agent structures. It aims to facilitate AI-powered coding processes with copy-paste templates that users can apply directly.

Python · ★ 44,665 · +392 today <https://github.com/luongnv89/claude-howto>

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06 pbakaus/impeccable

pbakaus/impeccable offers a design language and guidance system that AI coding agents can use when designing interfaces. Developed in Rust, this tool aims to improve frontend designs generated by AI through 24 commands and 62 deterministic detector rules.

Rust · ★ 86,572 · +619 today <https://github.com/pbakaus/impeccable>

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07 pollen-robotics/microduck

microduck, developed by Pollen Robotics, is a 25-centimeter bipedal duck robot project powered by a Rockchip RK3566 processor. The software, written in Rust, manages fifteen servos via neural policies to execute the robot's movement and control processes.

Rust · ★ 11,089 · +319 today <https://github.com/pollen-robotics/microduck>

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08 google-gemini/gemini-cli

gemini-cli, developed by Google, is an open-source (source code accessible to everyone) tool that provides direct access to the Gemini AI model via the terminal. The software allows users to create AI prompts quickly and lightweight in a command-line environment.

TypeScript · ★ 108,165 · +44 today <https://github.com/google-gemini/gemini-cli>

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09 jbiaojerry/ebook-treasure-chest

jbiaojerry/ebook-treasure-chest is a digital library project that aggregates e-book download links across various categories. The project aims to provide access to content within popular reading applications (Fanhu, Wechat Reading, JD Reading, Ximalaya).

Python · ★ 22,774 · +227 today <https://github.com/jbiaojerry/ebook-treasure-chest>

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10 makecindy/cindy

Cindy is an open-source (source code open for access and development) AI agent designed to complete real work in your projects and applications, working right out of the box. It combines multiple models and tools into a single structure, allowing users to manage their workflows.

TypeScript · ★ 4,198 · +477 today <https://github.com/makecindy/cindy>

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01 Local Wikipedia: Wikipedia, but only for things a half hour walk from you

Local Wikipedia is an encyclopedia project that provides information about places within a half-hour walking distance of the user's current location. It serves as a locally customized version of the online information source Wikipedia.

1,561 points · 245 comments <https://edjefferson.com/localwiki/>

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Discussion: news.ycombinator.com/item?id=50202285 (1,561 points · 245 comments)

02 Show HN: Steal My Bitcoin

Steal My Bitcoin is a platform created to test how a recently discovered PHP remote code execution (RCE) vulnerability can be exploited in the real world. The developer invites users to access the system to observe the concrete effects of this security vulnerability.

440 points · 264 comments <https://stealmybitcoin.com/>

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Discussion: news.ycombinator.com/item?id=50224916 (440 points · 264 comments)

03 The Goose Programming Language

The Goose is a new programming language designed for low-level system programming languages. It aims to develop system software with a structure focused on memory safety and performance.

304 points · 186 comments <https://aardappel.github.io/goose/>

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Discussion: news.ycombinator.com/item?id=50224100 (304 points · 186 comments)

04 Node2Shell evolves to HTTP2Shell, blast radius affects many HTTP libs and apps

The evolution of the Node2Shell vulnerability into HTTP2Shell puts numerous HTTP libraries and applications that use the Brotli data compression algorithm at risk. To avoid being affected by this vulnerability, coded as CVE-2026-111497, it is necessary to check the versions used and perform updates.

294 points · 140 comments <https://www.aikido.dev/blog/python-packages-vulnerable-node2shell-brotli-cve-2026-111497>

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Discussion: news.ycombinator.com/item?id=50219177 (294 points · 140 comments)

05 I don't understand quantum physics (2018)

This resource, prepared by the University of Southampton, covers the fundamental concepts of quantum physics and the difficult-to-understand points in this field. Focusing on the complexity of physical phenomena, the study explains the principles of quantum physics within an academic framework.

291 points · 235 comments https://www.southampton.ac.uk/~doug/quantum_physics/index.html

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Discussion: news.ycombinator.com/item?id=50219666 (291 points · 235 comments)

01 deepseek-ai/DeepSeek-V4.1-Flash-1017

DeepSeek-V4.1-Flash-1017 is an updated version of the DeepSeek-V4.1-Flash model, an artificial intelligence model capable of processing visual and textual data. It aims to provide cost efficiency by reducing processing time and output length while increasing its performance in reasoning, coding, and agent-based tasks.

♥ 2,821 · 73,215 downloads <https://huggingface.co/deepseek-ai/DeepSeek-V4.1-Flash-1017>

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02 RecursiveSI/flint

Flint, developed by RecursiveSI, is a mixture-of-experts text generation model designed for coding agents. With a total of 39.8 billion parameters, the model was developed for the purposes of examining codebases, debugging, adding features, and writing tests.

♥ 782 · 4,795 downloads <https://huggingface.co/RecursiveSI/flint>

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03 black-forest-labs/flux-3-image-klein-comfy

flux-3-image-klein-comfy, developed by Black Forest Labs, is an artificial intelligence model that provides image-to-image conversion. The model is designed to work in harmony with visual-based workflow tools such as ComfyUI.

♥ 1,512 · 590,742 downloads <https://huggingface.co/black-forest-labs/flux-3-image-klein-comfy>

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04 XHToken/Spark-X2.6-4B

Spark-X2.6-4B, published on the Hugging Face platform, is an artificial intelligence model focused on text generation. Using the same architecture as its previous version, the model offers performance improvements in areas such as coding, reasoning, and multilingual content processing thanks to post-training improvements.

♥ 457 · 2,537 downloads <https://huggingface.co/XHToken/Spark-X2.6-4B>

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05 Lightricks/LTX-2.5

LTX-2.5, developed by Lightricks, is an image-to-video model that converts images into moving videos. Shared on the Hugging Face platform, this model allows visual content to be animated via artificial intelligence.

♥ 9,200 · 2,087,721 downloads <https://huggingface.co/Lightricks/LTX-2.5>

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01 TARSphere: A Robot-Oriented Full-Stack Framework for Long-Horizon Embodied Agents in Evolving Physical and Social Environments

TARSphere is a robot-focused full-stack framework developed for long-term embodied agents moving under physical and social constraints. The TARSphere-Infra component offers the opportunity to test robot policies in physics simulators with constrained dialogues and embodied artificial intelligence characters (NPCs).

8 likes · 2 comments <https://huggingface.co/papers/2610.30043>

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02 The LLM-Attacker: A Unified Red-Team Framework for Privacy Evaluation of Split and Distributed LLM Systems

LLM-Attacker, shared by Hugging Face, is a framework developed to evaluate privacy vulnerabilities in fragmented and distributed large language models (LLMs). This system helps researchers compare attack methods and standardize security analyses for data reconstruction.

9 likes · 2 comments <https://huggingface.co/papers/2610.22722>

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03 EvalResearchBench: Can AI Agents Build Their Own Feedback for Recursive Self-Improvement?

EvalResearchBench is a research benchmark that examines whether artificial intelligence agents can automatically generate the evaluation feedback they need in recursive self-improvement processes. This study presents a method that aims for agents to design their own evaluations in order to reduce the cost of complex testing processes.

18 likes · 2 comments <https://huggingface.co/papers/2610.04184>

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04 Diffusion Language Models Change Speed Across Tasks and Languages

Diffusion language models have the ability to generate multiple tokens in a single forward pass and decide how many passes to perform during generation. Analyses show that the cost of these models varies depending on the task type, operating faster for simple operations where input text is copied, and slower for tasks requiring free writing.

9 likes · 1 comments <https://huggingface.co/papers/2610.25835>

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05 Different Tasks, Different Timesteps: Temporal Task-Aware Quantization for Diffusion Language Models

T2Quant, developed for Diffusion Language Models (DLMs), optimizes this process by determining that quantization precision varies according to tasks and time steps. The method offers a mixed-precision structure by estimating the precision levels required for different tasks without needing any labels or metrics.

19 likes · 2 comments <https://huggingface.co/papers/2610.31198>

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runtime

The fundamental environment required for software to run, operating in the background.

MCP

A connection protocol that enables artificial intelligence models to communicate with different data sources and tools in a standardized way.

design skill

A visual editing capability that makes AI-generated content appear more natural and human-made.

deterministic detector rules

A control mechanism that allows software to detect errors or specific features through a precise and immutable set of rules.

frontend

The side of a website or application that is seen and interacted with by the user.

neural policies

Decision-making rules determined by artificial neural networks to control a robot's movements.

terminal

An interface that allows providing text-based instructions to a computer via a command line.

remote code execution - RCE

A serious security vulnerability that allows an attacker to remotely control software on another computer and execute their own code.

quantum physics

The branch of physics that studies the behavior and energy levels of subatomic particles.

mixture-of-experts

An artificial intelligence architecture where small sub-models, each specialized in different subjects, are used together to solve complex tasks.

image-to-image

An artificial intelligence process that transforms an image into a different style or content based on it.

text-generation

The ability to generate meaningful and coherent texts according to given prompts.

image-to-video

Artificial intelligence technology that converts a static image into an animated video clip.

embodied agents

Robotic artificial intelligence systems that can move in the physical world, perceive their environment, and react accordingly.

full-stack

A holistic structure that encompasses both the visible front-end and all background infrastructure processes of a software.

NPCs

Characters in games or simulations that are not controlled by the player and move with artificial intelligence.

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