



TreScout

DAILY TECHNOLOGY REPORT

Today's Technology Trends

September 18, 2026 (Friday)

A FEW SIPS

Today, there is a noticeable intensity in software development processes focusing on security audits and local hardware solutions. Fujitsu's new generation CPU announcement and the proliferation of open-source security tools indicate that the industry is shifting toward tangible gains in both infrastructure and audit layers.

38 HIGHLIGHTS · ~10 MIN READ

20 GitHub
Trending

5 Hacker
News

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3 Lobsters

Data captured September 18, 2026 at 11:47 AM.

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01 alibaba/open-code-review

Open-code-review, developed by Alibaba, offers a hybrid architecture that combines deterministic pipelines with large language models (LLMs) to automate code review processes. Designed to detect software security vulnerabilities and provide line-based feedback, this tool is compatible with various artificial intelligence models.

Go · ★ 35,855 · +3,286 today <https://github.com/alibaba/open-code-review>

02 cloudflare/security-audit-skill

security-audit-skill, developed by Cloudflare, is a skill package that enables coding agents to perform multi-stage security audits. It automates security standards in software development processes by producing machine-readable and independently verified findings.

JavaScript · ★ 11,472 · +3,607 today <https://github.com/cloudflare/security-audit-skill>

03 addyosmani/agent-skills

agent-skills, shared by Addy Osmani, offers production-level engineering skills for AI coding agents. This JavaScript-based library aims to standardize autonomous software development processes.

JavaScript · ★ 96,080 · +680 today <https://github.com/addyosmani/agent-skills>

04 Tencent/BrowserSkill

BrowserSkill, developed by Tencent, is a browser automation tool that allows AI agents to manage active browser sessions without interrupting the user's work. Through a command-line interface and browser extension, it allows any AI agent to access existing logged-in browser data.

TypeScript · ★ 4,721 · +1,302 today <https://github.com/Tencent/BrowserSkill>

05 alphaXiv/OpenResearch

AlphaXiv provides a framework that transforms coding-focused software agents into research agents capable of conducting scientific research processes. Developed in Rust, this open-source tool aims to automate tasks such as complex data analysis and academic literature review.

Rust · ★ 5,168 · +939 today <https://github.com/alphaXiv/OpenResearch>

06 anthropics/claude-code

Claude Code is an agentic coding tool that runs on the terminal and accelerates software development processes with natural language commands. It analyzes the codebase to perform routine tasks, explains complex code blocks, and manages workflows related to the version control system Git.

TypeScript · ★ 146,000 · +538 today <https://github.com/anthropics/claude-code>

07 **NationalSecurityAgency/ghidra**

Ghidra, developed by the National Security Agency (NSA), is a comprehensive analysis framework used for software reverse engineering operations. Written in Java, this tool offers visualization and debugging features to analyze binary files and understand the operational logic of code.

Java · ★ 78,724 · +912 today <https://github.com/NationalSecurityAgency/ghidra>

08 **anthropics/knowledge-work-plugins**

knowledge-work-plugins, shared by Anthropic, is an open-source plugin library that allows knowledge workers to create customized workflows on the AI assistant Claude (AI model). This Python-based toolkit enables users to automate productivity processes and standardize complex tasks.

Python · ★ 24,687 · +287 today <https://github.com/anthropics/knowledge-work-plugins>

09 **Tencent/WeKnora**

WeKnora, developed by Tencent, is an open-source platform that transforms raw documents into a queryable knowledge base (RAG), an autonomous reasoning agent, and a self-updating wiki system. Written in the Go programming language, this tool aims to convert unstructured data into enterprise-level accessible knowledge assets.

Go · ★ 26,667 · +1,125 today <https://github.com/Tencent/WeKnora>

10 **abue-ammar/tinycast**

Tinycast is a lightweight application launcher, shortcut manager, and clipboard history tool developed for the macOS operating system. Written in Swift, this native software aims to accelerate desktop workflows by using system resources efficiently.

Swift · ★ 6,286 · +739 today <https://github.com/abue-ammar/tinycast>

11 **cilium/cilium**

Cilium is an infrastructure tool that uses eBPF technology to manage network traffic, provide security, and offer system observability. It is particularly preferred for managing the network layer with high performance in container orchestration platforms like Kubernetes.

Go · ★ 25,329 · +111 today <https://github.com/cilium/cilium>

12 **jamiepine/voicebox**

Voicebox, developed by Jamiepine, is an open-source AI voice studio where users can perform voice cloning, dictation, and speech generation. Written in TypeScript, this tool consolidates voice processing workflows into a single platform for the user.

TypeScript · ★ 55,005 · +667 today <https://github.com/jamiepine/voicebox>

13 **affaan-m/ECC**

ECC is a performance system that optimizes capability, memory, and security layers for AI agents. It provides an infrastructure designed to increase the operational efficiency of coding assistants such as Claude Code and Cursor.

JavaScript · ★ 261,436 · +1,171 today <https://github.com/affaan-m/ECC>

14 **roboflow/supervision**

Supervision, developed by Roboflow, is a Python library that provides reusable tools for computer vision projects. It accelerates image processing workflows by standardizing common tasks such as object tracking and visualization.

Python · ★ 50,895 · +329 today <https://github.com/roboflow/supervision>

15 **JustVugg/colibri**

Colibri is a C engine that enables running the mixture of experts architecture, one of the most advanced types of large language models, on local devices with low hardware requirements. By loading expert layers via disk streaming, it allows models that require high memory to run on standard computers.

C · ★ 35,919 · +873 today <https://github.com/JustVugg/colibri>

16 **TencentCloud/Octop**

Octop, developed by TencentCloud, is a multi-user and multi-agent AI assistant that you can host on your own server. This Python-based system allows different users to interact with multiple AI agents simultaneously.

Python · ★ 3,704 · +367 today <https://github.com/TencentCloud/Octop>

17 **ever-co/ever-gauzy**

Ever Gauzy is an open-source business management platform that brings together business processes such as enterprise resource planning (ERP), customer relationship management (CRM), and human resources under one roof. Developed with TypeScript, this system combines the software tools needed by different departments into a centralized structure.

TypeScript · ★ 7,677 · +470 today <https://github.com/ever-co/ever-gauzy>

18 **cline/cline**

Cline is an autonomous coding agent that automates software development processes. It integrates into developers' projects by operating via an IDE extension, software development kit (SDK), or command-line interface (CLI).

TypeScript · ★ 68,646 · +380 today <https://github.com/cline/cline>

19 **coder/coder**

Coder is a platform that provides secure development environments for software developers and AI agents. Thanks to its cloud-based infrastructure, it allows you to manage development environments centrally by standardizing coding processes.

Go · ★ 14,996 · +145 today <https://github.com/coder/coder>

20 **n8n-io/n8n**

n8n is a visual workflow automation platform that automates data flow between different applications. Users can create custom processes on their own servers or in the cloud, thanks to support for over 400 integrations and built-in AI capabilities.

TypeScript · ★ 205,171 · +281 today <https://github.com/n8n-io/n8n>

01 Hister: A private search engine for the pages you visit and the files you keep

Hister is a private search engine that allows you to perform fast searches across visited web pages and local files by indexing them. Providing users with full control over their own data, this tool offers a privacy-focused personal search experience.

596 points · 162 comments <https://github.com/asciimoo/hister>

Discussion: news.ycombinator.com/item?id=49743097 (596 points · 162 comments)

02 Fujitsu launches made-in-Japan next-generation CPU FUJITSU-MONAKA

Fujitsu has announced its new generation processor (CPU), FUJITSU-MONAKA, which focuses on energy efficiency for data centers. Manufactured in Japan, this processor offers an architecture optimized for high-performance computing (HPC) and AI workloads.

584 points · 225 comments <https://global.fujitsu/en-global/pr/news/2026/09/14-02>

Discussion: news.ycombinator.com/item?id=49715813 (584 points · 225 comments)

03 Astra for Law

Astra for Law, developed by OpenAI, is a specialized AI tool that enables legal professionals to analyze complex legal documents. Designed to increase efficiency in legal processes, this system automates large-scale file review and legal research tasks.

471 points · 500 comments <https://openai.com/index/astra-for-law/>

Discussion: news.ycombinator.com/item?id=49745940 (471 points · 500 comments)

04 Bend – A language that blocks AI mistakes via proof, on CPU and GPU

Bend is a programming language that can run in parallel on both the CPU and GPU, and prevents logical errors through formal verification. It enables software developers to perform complex parallel computations in a safer and more error-free manner.

444 points · 206 comments <https://bend-lang.com/>

Discussion: news.ycombinator.com/item?id=49746163 (444 points · 206 comments)

05 Bonsai 2 27B: Near-Lossless Compression in a 9x Smaller Footprint

Bonsai 2 27B, developed by PrismML, is a compression technology that reduces large language models to nine times their original size while maintaining their original performance. This method lowers the hardware requirements for AI models, allowing them to run on lower-capacity devices.

416 points · 121 comments <https://prismml.com/news/bonsai-2-27b>

Discussion: news.ycombinator.com/item?id=49746618 (416 points · 121 comments)

01 Edge0/Edge0-35B-A3B-preview

Edge0-35B-A3B-preview is an AI model released on the Hugging Face platform that focuses on text generation. Offering an open-source alternative to developers, this model is designed to perform complex language processing tasks.

♥ 3,340 · 37,131 downloads <https://huggingface.co/Edge0/Edge0-35B-A3B-preview>

02 deepseek-ai/DeepSeek-V4.1-Flash

DeepSeek-V4.1-Flash, developed by DeepSeek, is a multimodal AI model capable of processing visual and textual data. It is designed to analyze input images and text to generate meaningful text outputs.

♥ 3,064 · 390,657 downloads <https://huggingface.co/deepseek-ai/DeepSeek-V4.1-Flash>

03 Qwen/Qwen3.8-27B

Qwen2.5-27B, developed by Alibaba, is a multimodal AI model capable of processing both text and visual data. It stands out as a high-performance language and image processing tool on HuggingFace, the platform where open-source AI models are shared.

♥ 15,578 · 7,456,257 downloads <https://huggingface.co/Qwen/Qwen3.8-27B>

04 m-a-p/YuE2-3B

YuE2-3B, released on Hugging Face, is an AI model with text-to-audio conversion capabilities. It aims to provide a high-performance alternative for music and audio production processes.

♥ 752 · 11,626 downloads <https://huggingface.co/m-a-p/YuE2-3B>

05 TokenRhythm/NeoHorse-1-4B

NeoHorse-1-4B, developed by TokenRhythm, is an AI model focused on text generation. Thanks to its low parameter count, it offers fast text generation processes by using hardware resources efficiently.

♥ 2,353 · 19,789 downloads <https://huggingface.co/TokenRhythm/NeoHorse-1-4B>

01 FAMOS: Feed-Forward 3D Articulation Modeling from Sparse Observations

FAMOS is a feed-forward model that estimates joint parameters by segmenting moving parts from sparse and irregular point clouds. It aims to model the 3D articulation structure of objects more accurately by processing multiple data points together rather than relying on single observations.

3 likes · 1 comments <https://huggingface.co/papers/2609.20817>

02 When EOS Tokens Disagree: Understanding Length Inflation in On-Policy Distillation

In on-policy distillation processes, the issue of length inflation, which causes student models to generate unnecessarily long responses, is being examined. The research reveals that this behavior is caused by a mismatch regarding end-of-sequence (EOS) tokens between base student models and teacher models that have undergone post-training processes.

26 likes · 1 comments <https://huggingface.co/papers/2609.20511>

03 PACT: Can Enterprise AI Assistants Be Trusted Under Pressure?

PACT is an evaluation framework that measures the extent to which enterprise AI assistants maintain compliance rules under pressure in sensitive processes. It aims to systematically analyze the rule-violation tendencies of large language models used in fields such as recruitment, healthcare, and finance.

2 likes · 1 comments <https://huggingface.co/papers/2609.18605>

04 WeVisDoc: From Coverage to Capability for Robust End-to-End Document Parsing

WeVisDoc addresses the data bias problem encountered in document parsing processes, which convert document images into structured text, with a two-stage framework. The system strengthens end-to-end parsing performance by both increasing content diversity and using a data-centric approach that targets the model's weak points.

8 likes · 1 comments <https://huggingface.co/papers/2609.20423>

05 RetireOPD: Self-Retiring On-Policy Distillation for Agentic Reinforcement Learning

RetireOPD presents a method for AI agents trained with reinforcement learning that regulates the supervision of the teacher model according to stages. This approach optimizes the student model's self-distillation process in situations where the teacher model is not always reliable, thereby increasing training efficiency.

9 likes · 2 comments <https://huggingface.co/papers/2609.20784>

01 I Don't Like LLMs

Software expert Martin Fowler shares his criticisms regarding the integration of large language models into software development processes. He questions the potential negative impacts of these technologies on code quality and developer competence, drawing attention to the risks brought by automation.

72 points · 24 comments <https://martinfowler.com/articles/2026-dont-like-llms.html>

Discussion: lobste.rs/s/pkj7mf/i_don_t_like_llms (72 points · 24 comments)

02 Flock cameras are riddled with security vulnerabilities and hard-coded credentials

Security researchers have discovered hard-coded credentials and various vulnerabilities in Flock security cameras, which provide license plate recognition technology, that facilitate system access. These findings indicate that devices widely used by law enforcement and private properties pose risks regarding data security.

50 points · 3 comments <https://micahflee.com/flock-cameras-are-riddled-with-security-vulnerabilities-and-hard-coded-credentials/>

Discussion: lobste.rs/s/eyg3oe/flock_cameras_are_riddled_with_security (50 points · 3 comments)

03 The Golden Spike, and Resurrecting the Vale(n) Programming Language

The Vale programming language is being redeveloped with Golden Spike, a new compiler architecture that combines memory safety with high performance. This work aims to offer the memory safety features provided by the Vale language on a more efficient infrastructure.

50 points · 8 comments <https://verdagon.dev/blog/golden-spike-reviving-vale-valen>

Discussion: lobste.rs/s/fjnkn4/golden_spike_resurrecting_vale_n (50 points · 8 comments)

LLM

Artificial intelligence models trained on massive amounts of data that can understand human language and generate text.

skill

A specific skill or area of expertise possessed to perform a task.

engineering skills

The set of technical skills required to design, build, and troubleshoot complex systems.

agentic coding tool

Intelligent tools that not only write code but can also make decisions on their own and manage software development processes.

NSA

The American national intelligence agency that conducts security analysis by monitoring internet traffic and digital communications.

software reverse engineering

The process of analyzing the code or structure of ready-made software in reverse to understand how it works.

RAG

A method that allows artificial intelligence to retrieve information from up-to-date external sources outside of its own memory when generating answers.

launcher

A home screen or tool that allows you to quickly find and launch applications on computers or phones.

native

An application written in the native language of a device or operating system that runs directly without the need for an extra intermediary.

observability

The ability to understand why a system is not working properly by monitoring the data within a software system.

coding assistants

AI-powered tools that help you write code, find bugs, and provide suggestions while developing software.

computer vision

Technology that enables computers to see and interpret digital images or videos like humans.

large language models

Artificial intelligence models trained on massive amounts of data that can understand human language and generate text.

mixture of experts

An efficient AI architecture that processes complex tasks by breaking them down into smaller, specialized parts.

ERP

Software that allows a company to manage all its business processes, such as accounting, production, and human resources, from a single center.

CRM

A system that allows companies to track their relationships with customers, sales, and communication history.

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