



Daily Technology Report

Today's Technology Trends

October 23, 2026 (Friday)

A Few Sips

Today in the software world, updates to the open-source PHP core (php-src) and speed-focused new versions in artificial intelligence models are coming to the fore. On the internet infrastructure side, the decisions of critical service providers like Quad9 and eMudhra to terminate their regional operations are being closely monitored in the digital security ecosystem.

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The summaries and translations in this report are prepared with AI. Before making important decisions, please check the source through the link provided with each item.

01 php/php-src

PHP is used as a general-purpose scripting language designed specifically for web development processes. Written in the C language, this interpreter forms the infrastructure for many websites around the world.

C · ★ 41,391 · +287 today <https://github.com/php/php-src>

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02 anthropics/knowledge-work-plugins

The knowledge-work-plugins developed by Anthropic offer open-source (source code accessible to everyone) plugins for knowledge workers that run on Claude Cowork and Claude Code. These plugins structure the artificial intelligence model to provide expertise tailored to users' tasks, teams, and companies.

Python · ★ 31,861 · +303 today <https://github.com/anthropics/knowledge-work-plugins>

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03 DietrichGebert/ponytail

DietrichGebert/ponytail is a JavaScript project that aims to minimize the code writing process of artificial intelligence agents. It mimics a senior developer's approach to replacing complex and long code blocks with shorter and more functional solutions.

JavaScript · ★ 174,195 · +1,948 today <https://github.com/DietrichGebert/ponytail>

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04 cloudflare/security-audit-skill

The security-audit-skill developed by Cloudflare is a skill package that turns AI agents that write code into auditors capable of performing multi-stage security audits. This tool manages discovery, vulnerability scanning, verification, and structured reporting processes to produce independently verifiable security findings.

JavaScript · ★ 40,437 · +2,979 today <https://github.com/cloudflare/security-audit-skill>

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05 Graphify-Labs/graphify

Graphify is a tool that transforms codebases, documents, SQL schemas, and configuration files into a queryable knowledge graph. It works with a local abstract syntax tree (AST) parsing method for developer tools such as Claude Code, Cursor, Codex, and Gemini CLI.

Python · ★ 133,456 · +1,408 today <https://github.com/Graphify-Labs/graphify>

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06 supabase/supabase

Supabase is a development platform that offers a dedicated Postgres database for building web, mobile, and artificial intelligence applications. This open-source tool aims to accelerate application development stages by simplifying traditional database management processes.

TypeScript · ★ 113,650 · +693 today <https://github.com/supabase/supabase>

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07 fastapi/fastapi

FastAPI is a modern web framework that allows for the development of high-performance application programming interfaces (APIs) with the Python programming language. Based on standard Python type hints, it offers fast coding and production-ready solutions.

Python · ★ 103,999 · +101 today <https://github.com/fastapi/fastapi>

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08 luongnv89/claude-howto

luongnv89/claude-howto offers a visual and example-oriented guide for the AI-powered coding tool Claude Code, ranging from basic concepts to advanced agent usage. It aims to accelerate development processes with templates that users can copy and paste directly.

Python · ★ 43,654 · +177 today <https://github.com/luongnv89/claude-howto>

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09 Meloong-Git/PCL

Meloong-Git/PCL is a project containing the source code for the tool called Plain Craft Launcher, used to launch the Minecraft game. Developed in Visual Basic .NET, this work includes core components such as the interface library, animation modules, and game launching processes.

Visual Basic .NET · ★ 8,848 · +119 today <https://github.com/Meloong-Git/PCL>

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01 Quad9 to exit France

Quad9, a free domain name system (DNS) service, has decided to withdraw from the French market. The organization, which provides security and privacy-focused services, shared the reasons for this change on its official blog page.

1,199 points · 407 comments <https://quad9.net/news/blog/au-revoir-france/>

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Discussion: news.ycombinator.com/item?id=50195959 (1,199 points · 407 comments)

02 eMudhra to exit global SSL/TLS certificate business

Digital trust company eMudhra has announced that, following a decision by its board of directors, it will voluntarily withdraw from the global SSL/TLS certificate business. With this strategic change, the company aims to terminate its operations in this specific field of activity.

1,051 points · 680 comments <https://emudhra.com/en/press-release/emudhra-to-exit-global-ssl-tls-certificate-business>

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Discussion: news.ycombinator.com/item?id=50195110 (1,051 points · 680 comments)

03 Tell HN: I unknowingly broke the PHP RCE embargo. I am sorry.

A user stated that they shared security vulnerabilities CVE-2026-109618 and CVE-2026-109619 regarding remote code execution flaws in the PHP programming language, violating the coordinated disclosure schedule. Expressing that this post caused disruptions in security processes and additional workload, the user took responsibility and apologized for the situation.

550 points · 213 comments <https://news.ycombinator.com/item?id=50193416>

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Discussion: news.ycombinator.com/item?id=50193416 (550 points · 213 comments)

04 WorldTUI: I trained a 360M model to pretend to be a terminal

WorldTUI is a 360-million parameter AI model that behaves like a terminal and can remember the user's previous actions. This work presents a model trained to mimic text-based command-line interfaces.

543 points · 168 comments <https://simeidw.com/2026/10/21/world-model-terminal/>

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Discussion: news.ycombinator.com/item?id=50190363 (543 points · 168 comments)

05 Docker is weird

Docker offers a critical perspective on the working principles and complexity of containerization technology. It examines the unusual structural features in the operation of this platform used in software development processes.

462 points · 215 comments <https://codeandcake.dev/posts/2026-10-22-docker-is-weird>

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Discussion: news.ycombinator.com/item?id=50202681 (462 points · 215 comments)

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

DeepSeek-V4.1-Flash-1017 is a minor update released for the DeepSeek-V4.1-Flash AI model, which can process visual and text-based inputs. The model aims to increase cost efficiency by reducing processing time and output length while providing performance improvements in areas such as reasoning and coding.

♥ 2,446 · 51,911 downloads <https://huggingface.co/deepseek-ai/DeepSeek-V4.1-Flash-1017>

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

black-forest-labs/flux-3-image-klein-comfy, shared on Hugging Face, is an AI model developed for image-to-image conversion tasks. It allows users to generate new outputs based on existing images.

♥ 1,332 · 512,524 downloads <https://huggingface.co/black-forest-labs/flux-3-image-klein-comfy>

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03 RecursiveSI/flint

RecursiveSI/flint is a text generation model with a mixture-of-experts architecture developed for coding agents. Containing a total of 39.8 billion parameters, the model is designed for examining codebases, debugging, adding new features, and writing tests.

♥ 597 · 420 downloads <https://huggingface.co/RecursiveSI/flint>

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04 OpenMOSS-Team/MOSS-Image-SFT

MOSS-Image-SFT, developed by the OpenMOSS-Team, is a supervised fine-tuned model that performs text-to-image conversion. It offers an architecture that supports natural language prompts, tag sequences, and JSON templates that control text placement and object layout.

♥ 610 · 6,890 downloads <https://huggingface.co/OpenMOSS-Team/MOSS-Image-SFT>

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05 OpenMOSS-Team/MOSS-Image-Base

MOSS-Image-Base, developed by the OpenMOSS-Team, is an AI model with text-to-image generation capabilities. This model supports natural language prompts as well as tag sequences and structures in JSON format used to control text placement and object layout.

♥ 507 · 5,013 downloads <https://huggingface.co/OpenMOSS-Team/MOSS-Image-Base>

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01 MambaAct: Efficient Mamba Action Experts for Flow-Matching Vision-Language-Action Models

MambaAct is an action expert architecture developed to reduce inference costs in robotic manipulation models. It aims to facilitate real-time control by accelerating the iterative denoising process in flow-matching-based vision-language-action models.

1 likes · 1 comments <https://huggingface.co/papers/2610.22951>

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02 SplatLab: Autonomous Scientific Discovery for 3DGS Research

SplatLab is an AI system developed to automate scientific research in the field of 3D Gaussian Splatting (3DGS). By overcoming the limitations of existing systems, it offers an end-to-end workflow from research proposals to code writing.

1 likes · 1 comments <https://huggingface.co/papers/2610.30468>

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03 RTAformer: Relation-Transition-Aware Transformer for Video Scene Graph Generation

RTAformer focuses on the task of video scene graph generation, which identifies objects within videos and the relationships between these objects that change over time. The model aims to reduce erroneous predictions seen in existing methods by simultaneously tracking the continuity of object identities and sudden changes in relationships.

6 likes · 1 comments <https://huggingface.co/papers/2610.20091>

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04 IQuest-Q1: Advancing Foundation Capabilities for Agentic CLI Systems

IQuest-Q1, shared on Hugging Face, is a base model with a sparse Mixture-of-Experts architecture containing 320 billion parameters. It has undergone a three-stage training process to enhance the capabilities of command-line interface (CLI) based agent systems.

37 likes · 1 comments <https://huggingface.co/papers/2610.30949>

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05 WeVisOne-VL: Unified Visual Perception from Objects to Pixels

WeVisOne-VL is a vision-language model (VLM) that combines object- and pixel-level visual perception with a structured next-token prediction method. It supports various visual tasks such as object detection, optical character recognition (OCR), and segmentation, offering users the ability to perform localization at different levels of detail.

23 likes · 1 comments <https://huggingface.co/papers/2610.31329>

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scripting language

A type of programming language used to automate and accelerate complex software processes, generally designed for writing shorter and more practical code.

knowledge graph

A system that connects relationships between different data sources, transforming data into a queryable and meaningful network structure.

AST

A technical method that converts the structure of code in a programming language into a hierarchical tree arrangement that a computer can understand.

API

A connection point that enables different software applications to exchange data with each other and perform operations through one another.

type hints

Code markers that help reduce errors by specifying the data type of variables during software development.

DNS

A system that translates website names into numerical addresses that allow computers to locate one another.

remote code execution

A critical vulnerability that allows attackers to exploit a security flaw in a system to remotely execute their own code on that system.

coordinated disclosure

The process of keeping a security vulnerability confidential until the system owner takes precautions, followed by a planned public disclosure.

terminal

An interface that allows text-based commands to be sent directly to a computer.

containerization

A method that bundles all files and settings required for a software application to run into a single package, ensuring it operates identically in any environment.

image-to-image

An artificial intelligence process that takes an existing image as input and transforms it into a different style or content.

mixture-of-experts

An architecture that provides efficiency by dividing a large artificial intelligence model into smaller parts, each specialized in different subjects, and running only the relevant part.

text-to-image

Artificial intelligence technology that creates images suitable for text descriptions written by the user by analyzing them.

supervised fine-tuning

The process of retraining a pre-trained artificial intelligence model with labeled data to make it more successful in specific tasks.

action expert

A specialized artificial intelligence architecture designed specifically to manage the movements of robotic systems and optimize their decisions.

flow-matching

A learning method that makes the path followed by artificial intelligence models while generating data mathematically faster and more stable.

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