



TreScout

FRESH ONLY · DAILY TECHNOLOGY REPORT

Today's New Trends

July 2, 2026 (Thursday)

A FEW SIPS

This report includes the trends that stood out today for the first time, without repeating what we have shared in recent days.

9 HIGHLIGHTS · ~14 MIN READ

3 GitHub Trending

5 Hacker News

1 HuggingFace · Daily Models

01 allenai/olmocr

Developed by AllenAI, olmocr is a toolkit that converts PDF documents into text formats suitable for large language models. This software facilitates data set preparation processes by providing linear processing of complex document structures.

Python · ★ 18,418 · +334 today <https://github.com/allenai/olmocr>

02 tomatoga/karukan

Developed with the Rust language, Karukan is a Japanese input method system (Japanese Input Method System) that uses a neural kana-kanji conversion engine for Linux and macOS operating systems. The software goes beyond traditional methods and offers an artificial intelligence-based approach to text conversion processes.

Rust · ★ 615 · +42 today <https://github.com/tomatoga/karukan>

03 TencentCloud/CubeSandbox

Developed by TencentCloud in Rust, CubeSandbox offers an instant, simultaneous and secure working environment (sandbox) for artificial intelligence agents. This tool, which stands out with its lightweight structure, enables agent-based systems to operate in an isolated area.

Rust · ★ 6,927 · +79 today <https://github.com/TencentCloud/CubeSandbox>

01 For first time, a cell built from scratch grows and divides

Synthetic cells designed from scratch successfully completed the growth and division processes in a laboratory environment for the first time. This development represents a critical stage in the effort to reconstruct the basic functioning of biological systems and understand the origins of life.

836 points · 274 comments

<https://www.quantamagazine.org/for-the-first-time-a-cell-built-from-scratch-grows-and-divides-20260701/>

02 ZCode – Harness for GLM-5.2

ZCode provides an improved testing and evaluation framework for GLM-5.2 language models. This tool is used to measure the performance of large language models and standardize development processes.

354 points · 280 comments

<https://zcode.z.ai/en>

03 FFmpeg 9.1's new AAC encoder

FFmpeg version 9.1 includes a new advanced audio encoder (AAC encoder) that improves audio encoding quality. This update provides higher audio fidelity and efficient compression performance, especially at low bit rates.

352 points · 109 comments

<https://hydrogenaudio.org/index.php/topic,129691.0.html>

04 Show HN: Searchable directory of 22k+ products from worker-owned co-ops

Listing more than 22 thousand products produced by worker-owned co-ops, the directory allows users to reach these businesses directly. The platform offers an alternative marketplace experience by increasing the discoverability of cooperative-focused products.

327 points · 65 comments

<https://www.workerowned.info/>

05 What to learn to be a graphics programmer

For those who want to become a graphics programmer, core competencies such as mathematical foundations, hardware architecture and graphics application interfaces (graphics APIs) stand out. This roadmap offers a comprehensive learning curve for those who want to learn low-level systems programming and visualization techniques.

313 points · 162 comments

<https://blog.demofox.org/2026/07/01/what-to-learn-to-be-a-graphics-programmer/>

01 deepreinforce-ai/Ornith-1.0-9B-GGUF

Ornith-1.0-9B-GGUF, developed by DeepReinforce-AI, is a language model focused on text generation. The model is presented in compressed GGUF format in order to use hardware resources efficiently.

♥ 375 · 191,409 downloads <https://huggingface.co/deepreinforce-ai/Ornith-1.0-9B-GGUF>

large language models

Artificial intelligence models trained with huge data that can understand human language and produce text.

neural kana-kanji conversion engine

An artificial intelligence-based software engine that converts phonetic characters in the Japanese writing system into meaningful symbols.

Japanese Input Method System

Input tool that allows writing Japanese characters via the keyboard.