Daily Technology Report

Today's Technology Trends

November 10, 2026 (Tuesday)

A Few Sips

Today, new model architectures and optimization techniques that increase productivity in software development processes are coming to the fore. Amazon's cost-focused model transition and prefill acceleration methods like RidgeFill show that artificial intelligence infrastructures are now evolving into a more economical and high-performance structure.

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27 highlights · ~7 min read

12 GitHub Trending

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GitHub Trending

12 highlights

01 meta/astryx

Astryx, developed by Meta, is a fully customizable open-source design system designed to be used by both humans and artificial intelligence agents. Written in TypeScript, this system aims to adapt to today's collaborative software development processes.

TypeScript · ★ 22,443 · +3,111 today https://github.com/meta/astryx Report an error

02 anthropics/skills

The skills repository shared by Anthropic contains various application examples developed using the capability system of the Claude artificial intelligence model. This Python-based resource offers a wide range of examples, from creative design projects to technical testing processes and corporate workflows.

Python · ★ 192,150 · +1,676 today https://github.com/anthropics/skills Report an error

03 addyosmani/agent-skills

addyosmani/agent-skills is a library that offers production-level engineering skills for artificial intelligence coding agents. Developed in the JavaScript language, this project aims to standardize the skills of agents in software processes.

JavaScript · ★ 115,042 · +465 today https://github.com/addyosmani/agent-skills Report an error

04 anthropics/claude-quickstarts

claude-quickstarts, offered by Anthropic, is a collection of projects that allow developers to quickly develop applications using the Claude API (a digital bridge that allows two different software programs to talk to each other). Prepared in the Python language, these resources aim to facilitate the process of creating deployable applications.

Python · ★ 20,412 · +530 today https://github.com/anthropics/claude-quickstarts Report an error

05 google-deepmind/mujoco

MuJoCo, developed by Google DeepMind, is a general-purpose physics engine that enables fast and precise simulation of articulated structures in fields such as robotics, biomechanics, and machine learning. Written in C++, this tool provides researchers and developers with a simulation environment for modeling complex physical interactions.

C++ · ★ 17,289 · +453 today https://github.com/google-deepmind/mujoco Report an error

06 we-promise/sure

Sure, developed in the Ruby language, is a personal finance and asset management application open to everyone. Designed as an open-source platform, this project offers features that allow users to connect directly with financial advisors (CFP/CFA).

Ruby · ★ 11,784 · +184 today https://github.com/we-promise/sure Report an error

07 homeassistant-ai/ha-mcp

ha-mcp, developed for Home Assistant, allows you to configure and automate your smart home platform with artificial intelligence assistants like Claude and ChatGPT. Integrated via HACS, this tool works with full feature support on all Home Assistant installation types.

Python · ★ 6,535 · +792 today https://github.com/homeassistant-ai/ha-mcp Report an error

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08 vercel-labs/agent-browser

agent-browser, developed by Vercel Labs, is a command-line interface (CLI) that allows artificial intelligence agents to perform operations in a browser. Written in Rust, this tool allows for managing the browser by reading pages as an accessibility tree.

Rust · ★ 49,111 · +775 today https://github.com/vercel-labs/agent-browser Report an error

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09 sherlock-project/sherlock

Sherlock is a Python-based tool used to detect accounts on different social networks via usernames. It is offered with support packages provided by the community for various operating systems and package managers.

Python · ★ 108,769 · +2,387 today https://github.com/sherlock-project/sherlock Report an error

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10 tokio-rs/topcoat

Topcoat is a modular and comprehensive Rust framework designed for developing web applications. Prioritizing simplicity and productivity, this structure aims to facilitate the full-stack application creation process.

Rust · ★ 6,725 · +192 today https://github.com/tokio-rs/topcoat Report an error

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11 ranxianglei/billion-context

ranxianglei/billion-context is a context compression plugin that enables efficient use of context window capacity in long-term artificial intelligence sessions. It allows for token savings by fitting billions of tokens into small 100k token windows.

TypeScript · ★ 6,209 · +374 today https://github.com/ranxianglei/billion-context Report an error

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12 mattpocock/skills

Mattpocock/skills is a collection of AI agent skills used in real engineering processes and focused directly on software development practices. The project brings together tools used in a developer's daily workflow to make AI-assisted coding processes more functional.

Shell · ★ 320,758 · +1,223 today https://github.com/mattpocock/skills Report an error

Hacker News

5 highlights

01 Amazon saves millions by replacing Sonnet 4.6 with Strands Decider

Amazon engineers saved millions of dollars by replacing the Claude Sonnet 4.6 model used in their large-scale internal ticketing systems with the Strands Decider decision-making model. This change demonstrates the impact of cost-oriented model optimization in complex workflows.

657 points · 229 comments https://strandsagents.com/blog/amazon-saves-millions-replacing-sonnet-with-strands-decider/ Report an error

Discussion: news.ycombinator.com/item?id=50436640 (657 points · 229 comments)

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02 AlphaProof Code

AlphaProof Code, developed by Google DeepMind, is an AI system that combines mathematical reasoning and coding capabilities. This model aims to develop solutions in complex problem-solving processes by using code generation and logical verification methods.

512 points · 164 comments https://deepmind.google/blog/introducing-alphaproof-code/ Report an error

Discussion: news.ycombinator.com/item?id=50439193 (512 points · 164 comments)

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03 .name Grandfathered

The expiration of grandfathered rights for the .name domain extension has initiated a change process affecting current registrants. This situation requires users with this extension to comply with new rules regarding domain management and renewal policies.

437 points · 83 comments https://neil.fraser.name/news/2026/11/10/ Report an error

Discussion: news.ycombinator.com/item?id=50442736 (437 points · 83 comments)

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04 Smart home devices should work without the internet

This approach, which argues that smart home devices should operate without dependence on manufacturer servers, includes fundamental principles based on ten years of automation experience. It shares methods to be followed for building systems that maintain functionality even when the internet connection is lost.

386 points · 155 comments https://docodethatmatters.com/home-automation-overnight-success/ Report an error

Discussion: news.ycombinator.com/item?id=50441707 (386 points · 155 comments)

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05 Blender 5.3 released with Gaussian Splat support

Blender 5.3 has been released, adding Gaussian Splat support to the 3D modeling and animation software Blender. This update facilitates the use of Gaussian Splatting technology, which enables the transfer of real-world data into 3D environments.

324 points · 45 comments https://www.blender.org/download/releases/5-3/ Report an error

Discussion: news.ycombinator.com/item?id=50442426 (324 points · 45 comments)

Hugging Face · Daily Models

5 highlights

01 speridlabs/idol

Developed by Speridlabs, idol is an image-to-3D model that converts a single image into 3D Gaussian splat data. Producing output in the standard 3DGS .ply format, this tool separates objects from the background in under 2 seconds on consumer-grade GPUs.

♥ 1,833 · 26,470 downloads https://huggingface.co/speridlabs/idol Report an error

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02 xtools-at/DeepSeek-V4-Pro-Qwen3.5-9B-UNCENSORED-heretic

xtools-at/DeepSeek-V4-Pro-Qwen3.5-9B-UNCENSORED-heretic is an AI model focused on text generation. Showing high success in GSM8K tests, the model offers results that can compete with similar-scale and larger models when running on vLLM infrastructure.

♥ 1,166 · 14,378 downloads https://huggingface.co/xtools-at/DeepSeek-V4-Pro-Qwen3.5-9B-UNCENSORED-heretic Report an error

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03 moonshotai/Kimi-K3.1-Pro

Kimi-K3.1-Pro, developed by Moonshot AI, is a multimodal, open-weight AI model capable of processing visual and text data. Trained on top of the Kimi K3 model with large-scale reinforcement learning, this model is presented as the first member of the K3.1 series.

♥ 1,857 · 30,721 downloads https://huggingface.co/moonshotai/Kimi-K3.1-Pro Report an error

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04 ricursiveAI/Ripple-65B-Preview

Developed by Ricursive Intelligence, Ripple-65B-Preview is a 65-billion parameter dense Transformer model trained on 12 trillion tokens and supporting a context window of up to 1 million tokens. Scoring 80.52 on TerminalBench 2.1 and demonstrating high performance in agent-based coding tasks, the model outperforms larger-scale open-weight alternatives.

♥ 476 · 6,480 downloads https://huggingface.co/ricursiveAI/Ripple-65B-Preview Report an error

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05 Lightricks/LTX-2.5

LTX-2.5, developed by Lightricks, is an AI model that converts images to video. It offers technology that allows users to create moving videos from static images.

♥ 11,357 · 2,791,606 downloads https://huggingface.co/Lightricks/LTX-2.5 Report an error

Hugging Face · Daily Papers

5 highlights

01 onóna: Twin Embeddings with Tied Unembeddings

Shared by Hugging Face, onóna presents a two-table parameterization that strengthens output expression while reducing the parameter cost of the weight tying method in language models. This method works by taking the average of two embedding tables in the Transformer architecture as input and combining the probability distributions of these tables at the output stage.

2 likes · 3 comments https://huggingface.co/papers/2611.10556 Report an error

02 RidgeFill: Training-Free Late-Layer Cache Fill for Faster Prefill

RidgeFill offers a method to accelerate the prefill phase in large language models by shortening upper-layer computations. By predicting data from the model's lower layers using ridge regression, it optimizes the cache filling process even in untrained models.

2 likes · 2 comments https://huggingface.co/papers/2611.09709 Report an error

03 Creative Priming: Decoupling Process from Product to Escape the Creative Paradox

The Creative Priming paper published on Hugging Face argues that creativity should be modeled as an open process rather than repeating past successes. The study focuses on how AI models can overcome the creativity paradox to develop new technologies and scientific theories.

1 likes · 1 comments https://huggingface.co/papers/2611.11740 Report an error

04 Click3R: Interactive Stereo 3D Reconstruction with Sparse Correspondence Clicks

Click3R is an interactive framework developed to correct erroneous predictions of existing 3D reconstruction models. It allows for corrections by adding geometric constraints to the model through sparse correspondence clicks provided by users.

1 likes · 1 comments https://huggingface.co/papers/2611.12875 Report an error

05 LCM-Promo: An LLM-Based Uplift Model for Promotion Allocation

LCM-Promo is an AI model based on a Large Commerce Model developed to predict users' purchase intent and their reactions to promotions. Trained with transaction data, this model aims to optimize promotion allocation processes by using session context.

3 likes · 1 comments https://huggingface.co/papers/2610.37570 Report an error

📖 Glossary of Industry Terms

16 terms

open source

A type of software whose source code is open for anyone to inspect, modify, and improve.

engineering skills

The set of technical skills and methods used in software development processes.

CFP/CFA

Certified professionals specializing in financial planning and investment management.

CLI

A text-based interface that allows you to manage programs by entering written commands instead of using a mouse.

accessibility tree

A hierarchical structure created so that content on a web page can be understood by assistive technologies such as screen readers.

framework

A comprehensive infrastructure that provides basic functions and organizes the application structure while developing software.

full-stack

The development process that covers both the front-end visible to the user and the back-end server and database components of a web application.

context window

The limit on the amount of text or data that artificial intelligence can process and remember at one time.

token

The smallest unit of data corresponding to words or word fragments that artificial intelligence models use to process language.

agent skills

Software capabilities that artificial intelligence agents possess to perform specific tasks.

grandfathered

The privileged status held by existing users that protects their current rights before new rules are implemented.

image-to-3d

Technology that analyzes a two-dimensional image and converts it into a three-dimensional object.

text-generation

The ability to generate meaningful and coherent texts based on given prompts.

multimodal

A system that is not limited to text only but can process different data types such as images, audio, or video simultaneously.

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reinforcement learning

A training method where artificial intelligence learns to make the most accurate decision through trial and error and the rewards it receives.

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dense Transformer

A high-performance artificial intelligence architecture in which all parameters are actively used in every operation.

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