



Fresh Only · Daily Technology Report

# Today's New Trends

October 28, 2026 (Wednesday)

## A Few Sips

Content included in the report will not be repeated for 30 days. At the end of this period, records that remain on the agenda will be listed again with the "back on the agenda" label.

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9 highlights · ~3 min read

**1** GitHub Trending      **3** Hacker News      **5** Hugging Face · Daily Papers

Data captured October 28, 2026 at 7:59 AM.

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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.

GitHub did not refresh its trending list today, so this report has no new GitHub entries.

## GitHub Trending

1 highlights

### 01 elayadesign/ai-design-skills

elayadesign/ai-design-skills offers a collection of design skills consisting of markdown rule files that AI coding tools (Claude Code, Cursor, Codex, Windsurf) can read. This project provides a guide-like resource for AI-powered tools to standardize design processes.

★ 9,826 · +1,395 today <https://github.com/elayadesign/ai-design-skills>

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## 01 Ghostty 1.4

Ghostty 1.4 is a new version update released for the terminal emulator Ghostty. It includes various bug fixes and improvements that enhance the software's performance and user experience.

**868 points · 271 comments** <https://ghostty.org/docs/install/release-notes/1-4-0>

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**Discussion:** [news.ycombinator.com/item?id=50261998](https://news.ycombinator.com/item?id=50261998) (868 points · 271 comments)

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## 02 Genie 4

Genie 4, developed by DeepMind, represents a new generation in world simulation technology. This model stands out for its capacity to create interactive and dynamic environments from visual data.

**802 points · 488 comments** <https://deepmind.google/blog/genie-4-a-new-generation-of-world-simulation/>

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**Discussion:** [news.ycombinator.com/item?id=50261319](https://news.ycombinator.com/item?id=50261319) (802 points · 488 comments)

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## 03 New iMac with M6

Apple has announced the new iMac model equipped with the M6 chip. The desktop computer has been updated for daily use and professional workflows with its high-performance processor.

**319 points · 396 comments** <https://www.apple.com/imac/>

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**Discussion:** [news.ycombinator.com/item?id=50258538](https://news.ycombinator.com/item?id=50258538) (319 points · 396 comments)

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### 01 Benchmarking Obstacle-Conditioned Safety in Household Robot Navigation

The article shared by Hugging Face introduces an evaluation system called OSMA-Bench that measures safe movement adaptation based on obstacles in indoor robot navigation. The study proposes a new method called the Semantic Sensitivity Index to measure the ability of robots to adjust speed and distance according to object type and distance.

0 likes · 2 comments <https://huggingface.co/papers/2610.34674>

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### 02 The Trinity: Capability-Driven Recursive Self-Improvement for Multimodal Agents

The Trinity, released on Hugging Face, presents a capability-focused recursive self-improvement method for multimodal artificial intelligence agents. The study aims to overcome scaling barriers such as the cost of creating heterogeneous environments and the slowness of manual iteration processes.

2 likes · 1 comments <https://huggingface.co/papers/2610.36077>

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### 03 PhysEvolve: Verifier-grounded Self-evolution for Physical Reasoning with Executable Worlds

PhysEvolve is a method designed to address reliability issues that vision-language models experience in physical reasoning processes. It aims to bridge gaps in physical causality by using a self-evolving paradigm that allows the model to generate its own training data.

0 likes · 1 comments <https://huggingface.co/papers/2610.34921>

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### 04 MoveBench: A Rubric-Based Benchmark for Evaluating Large Language Models in Sports and Health Coaching

MoveBench is a rubric-based benchmarking tool developed to evaluate the performance of large language models (LLMs) in the fields of sports and health coaching. Unlike general-purpose tests, it offers specialized measurement in critical areas such as exercise safety, physiological suitability, and personalization.

1 likes · 1 comments <https://huggingface.co/papers/2610.26185>

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### 05 MLE-World: Predicting Machine Learning Experiment Outcomes with a Learned World Model

MLE-World, shared by Hugging Face, is a world model that predicts the results of machine learning experiments based on code and data descriptions. Fine-tuned based on Qwen3.5-4B, this system enables AI agents to work more efficiently by predicting error logs and validation scores without the need to train and run the models.

1 likes · 0 comments <https://huggingface.co/papers/2610.37175>

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### IDE

A comprehensive development tool that enables software developers to write, edit, and debug code.

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### **world simulation**

Technology developed by DeepMind that can realistically simulate the physical world or virtual environments.

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