

DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

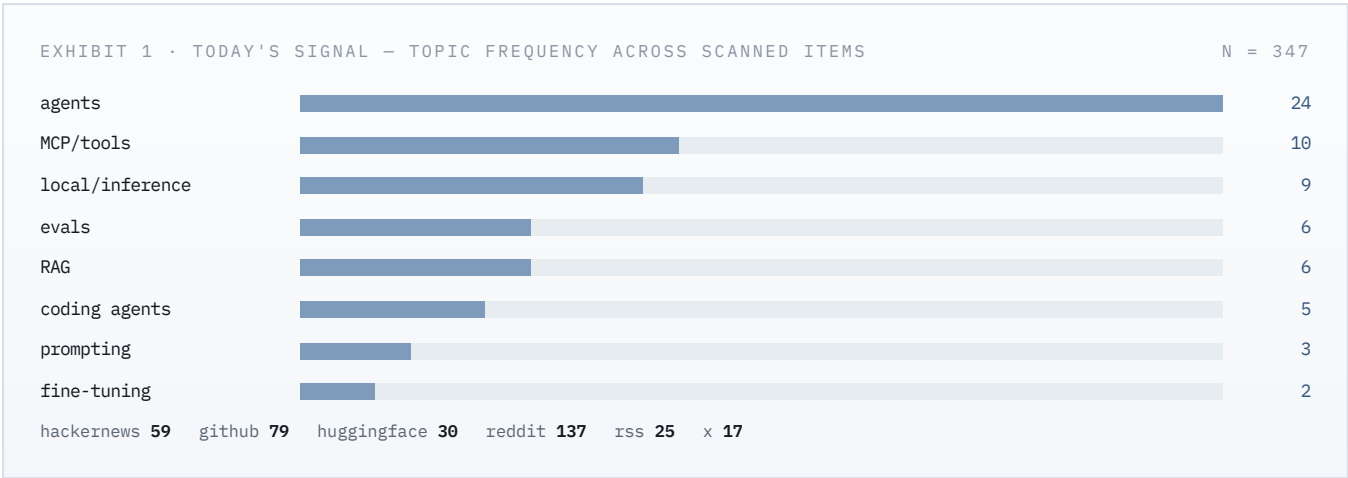
Today in AI engineering

2026-07-22

Developers are building and sharing open-source AI tools, models, and frameworks for various applications

5 deep dives 2 builder stories 14 quick hits 347 items scanned

- ai agents
- llm evaluation
- multi-agent systems
- open-source frameworks
- model releases



DEEP DIVES

EthanXiang777/circuit-framework

github

Ethan Xiang built a multi-agent LLM trading research system to facilitate the development of AI-powered trading strategies. The system is designed to be modular and extensible, allowing users to easily integrate their own models and agents. This project demonstrates the potential of AI in finance and the importance of open-source collaboration.

Why it matters. The circuit framework has the potential to revolutionize the field of AI-powered trading by providing a flexible and scalable platform for researchers and developers. Its open-source nature also promotes transparency and collaboration, which are essential for advancing the field.

TRY THIS

Explore the circuit framework repository and experiment with integrating your own models and agents to see how it can be applied to your own research or projects.

<https://github.com/EthanXiang777/circuit-framework>

- ai agents
- trading research
- multi-agent systems

eli-labz/Agent-Execution-Partnership

github

The eli-labz team developed an open-source control plane for AI agents, ensuring that every action is authorized, observable, and verifiable. This project addresses the need for more secure and transparent AI systems, particularly in critical applications.

Why it matters. The Agent Execution Partnership is crucial for building trust in AI systems, as it provides a framework for ensuring that AI agents operate within established boundaries and are accountable for their actions.

TRY THIS

Investigate the Agent Execution Partnership repository and consider how its principles can be applied to your own AI projects to enhance security and transparency.

<https://github.com/eli-labz/Agent-Execution-Partnership>

ai security

control plane

agent execution

thinkingmachines/Inkling

huggingface

The thinkingmachines team released a trending model on Hugging Face, which is an image-text-to-text model that has gained significant attention and downloads. This model demonstrates the power of open-source collaboration and the importance of sharing knowledge and resources in the AI community.

Why it matters. The Inkling model is a notable example of how open-source models can drive innovation and advancement in the field of AI. Its popularity and widespread adoption demonstrate the value of sharing knowledge and resources.

TRY THIS

Explore the Inkling model and its applications, and consider how you can leverage open-source models like this in your own projects or research.

<https://huggingface.co/thinkingmachines/Inkling>

open-source models

image-text-to-text

hugging face

PromptPartner/agentsmith

github

The PromptPartner team developed a universal, model-agnostic operating harness for AI agents, which provides a lean core and work-type profiles assembled by one setup script. This project simplifies the deployment and management of AI agents, making it more accessible to a wider range of users.

Why it matters. The agentsmith project has the potential to democratize access to AI agents by providing a user-friendly and flexible framework for deploying and managing these agents.

TRY THIS

Investigate the agentsmith repository and consider how its principles can be applied to your own AI projects to simplify deployment and management.

<https://github.com/PromptPartner/agentsmith>

ai agents

operating harness

model-agnostic

Klaa**t**AI/klaatcode

github

The Klaa**t**AI team released an open-source AI coding agent for the terminal, which provides Claude Code-grade accuracy with smart model routing. This project demonstrates the potential of AI in coding and development, and its open-source nature promotes collaboration and transparency.

Why it matters. The klaatcode project is significant because it provides a high-quality, open-source coding agent that can be used by developers to improve their productivity and efficiency.

TRY THIS

Explore the klaatcode repository and experiment with using the coding agent in your own development projects.

[https://github.com/Klaa**t**AI/klaatcode](https://github.com/KlaatAI/klaatcode)

ai coding

open-source

terminal agent

WHAT PEOPLE ACTUALLY BUILT

Show HN: A self-running space economy SIM in Rust and Bevy

hackernews

A space-economy simulation where autonomous ships operate without scripting, chasing the best trade routes and taking delivery contracts.

How it works. The simulation is built using Rust and Bevy, with each ship having its own planner to make decisions based on the current state of the economy.

STEAL THIS

You can create complex, dynamic simulations by giving individual agents simple goals and rules, and letting the system evolve from their interactions.

<https://github.com/Kalcode/spaceprojectsim>

Show HN: An MCP server that turns async-work practices into tools

hackernews

An MCP server that helps teams work remotely more effectively by turning async-work practices into tools.

How it works. The server provides a platform for teams to manage their workflows, communicate, and collaborate in a more structured and efficient way.

STEAL THIS

By formalizing and tooling async-work practices, teams can improve their productivity and reduce misunderstandings when working remotely.

<https://github.com/open-and-async/mcp>

QUICK HITS

Show HN: CodeAlmanac – Karpathy-style codebase wiki from your conversations HACKERNEWS

CodeAlmanac is an open-source tool that generates a wiki for your coding agents based on your conversations with them.

<https://github.com/AlmanacCode/codealmanac/>

thinkingmachines/Inkling HUGGINGFACE

Inkling is a trending model on Hugging Face, an image-text-to-text model that has gained significant attention and downloads.

<https://huggingface.co/thinkingmachines/Inkling>

EthanXiang777/circuit-framework GITHUB

The circuit framework is a multi-agent LLM trading research system that provides a modular and extensible platform for developing AI-powered trading strategies.

<https://github.com/EthanXiang777/circuit-framework>

Show HN: Imagin Raw – A 9MB Open-Source Alternative to Adobe Bridge for Mac HACKERNEWS

Imagin Raw is an open-source alternative to Adobe Bridge for Mac, offering a lightweight and efficient way to manage and edit images.

<https://github.com/cristibaluta/Imagin-Raw>

PromptPartner/agentsmith GITHUB

Agentsmith is a universal, model-agnostic operating harness for AI agents, providing a lean core and work-type profiles assembled by one setup script.

<https://github.com/PromptPartner/agentsmith>

KlaatAI/klaatcode GITHUB

Klaatcode is an open-source AI coding agent for the terminal, providing Claude Code-grade accuracy with smart model routing.

<https://github.com/KlaatAI/klaatcode>

drumih/turbo-fieldfare GITHUB

Turbo-fieldfare is a project that demonstrates how to run Gemma 4 26B-A4B inference in ~2 GB of RAM on any M-series MacBook.

<https://github.com/drumih/turbo-fieldfare>

EndymionLee/PilotBrowseMCP GITHUB

PilotBrowseMCP is a browser runtime that lets AI agents control your real Chrome browser via MCP, allowing agents to explore websites and generate operation manuals.

<https://github.com/EndymionLee/PilotBrowseMCP>

MemTensor/memmy-agent GITHUB

Memmy-agent is a project that explores the concept of shared memory for AI agents, allowing them to collaborate and learn from each other more effectively.

<https://github.com/MemTensor/memmy-agent>

drpwchen/textbook-to-note GITHUB

Textbook-to-note is a tool that turns your own PDF textbooks into an AI-searchable knowledge base and structured, fully-cited notes.

<https://github.com/drpwchen/textbook-to-note>

zai-org/GLM-5.2 HUGGINGFACE

GLM-5.2 is a trending model on Hugging Face, a text-generation model that has gained significant attention and downloads.

<https://huggingface.co/zai-org/GLM-5.2>

prism-ml/Ternary-Bonsai-27B-gguf HUGGINGFACE

Ternary-Bonsai-27B-gguf is a trending model on Hugging Face, a text-generation model that has gained significant attention and downloads.

<https://huggingface.co/prism-ml/Ternary-Bonsai-27B-gguf>

prism-ml/Bonsai-27B-gguf HUGGINGFACE

Bonsai-27B-gguf is a trending model on Hugging Face, a text-generation model that has gained significant attention and downloads.

<https://huggingface.co/prism-ml/Bonsai-27B-gguf>

baidu/Unlimited-OCR HUGGINGFACE

Unlimited-OCR is a trending model on Hugging Face, an image-text-to-text model that has gained significant attention and downloads.

<https://huggingface.co/baidu/Unlimited-OCR>
