

DAILY BRIEF · WHAT AI ENGINEERS ARE BUILDING

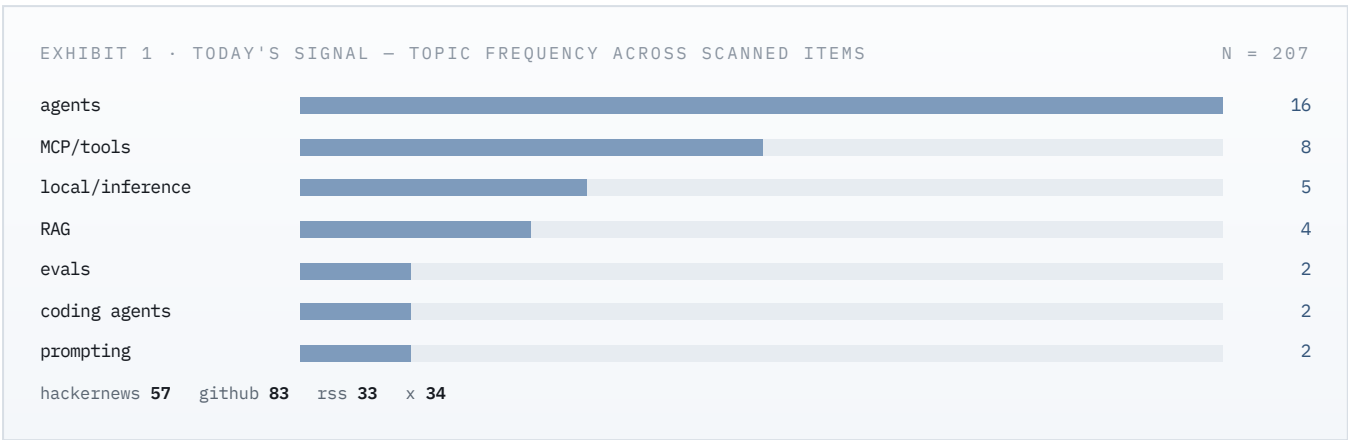
Today in AI engineering

2026-07-17

Developers are building and sharing open-source tools for AI engineering, including agent frameworks, LLM inference platforms, and automated testing tools.

5 deep dives 10 quick hits 207 items scanned

llm ai agents inference platforms automated testing open-source tools



DEEP DIVES

mereyabdenbekuly-ctrl/clodex-ide

github

Mereyabdenbekuly-ctrl has released Clodex-IDE, a local-first, zero-trust agentic IDE for verifiable autonomous software development. This project aims to provide a secure and transparent development environment for AI-powered software. The IDE is designed to work with various programming languages and frameworks, making it a versatile tool for developers. Clodex-IDE is an open-source project, allowing developers to contribute and customize it to their needs.

Why it matters. Clodex-IDE has the potential to revolutionize the way we develop AI-powered software, providing a secure and transparent environment for development. Its open-source nature allows for community involvement and customization, making it a valuable tool for developers.

TRY THIS

Explore the Clodex-IDE repository and try out its features to see how it can improve your development workflow.

<https://github.com/mereyabdenbekuly-ctrl/clodex-ide>

ai engineering autonomous software development local-first zero-trust

PengZhang64/circuit-framework

[github](#)

PengZhang64 has released Circuit Framework, a multi-agent LLM trading research system. This project provides a framework for researchers to develop and test trading strategies using LLMs. The framework includes tools for data processing, model training, and backtesting, making it a comprehensive platform for trading research. Circuit Framework is an open-source project, allowing researchers to contribute and customize it to their needs.

Why it matters. Circuit Framework has the potential to advance the field of trading research, providing a comprehensive platform for developing and testing trading strategies using LLMs. Its open-source nature allows for community involvement and customization, making it a valuable tool for researchers.

TRY THIS

Explore the Circuit Framework repository and try out its features to see how it can improve your trading research workflow.

<https://github.com/PengZhang64/circuit-framework>

[llm](#)[trading research](#)[multi-agent system](#)

vshulcz/deja-vu

[github](#)

Vshulcz has released Deja Vu, a memory layer for coding agents. This project provides a tool for coding agents to search, recall, and manage memory, making it easier to develop and train AI models. Deja Vu is an open-source project, allowing developers to contribute and customize it to their needs.

Why it matters. Deja Vu has the potential to improve the development and training of AI models, providing a tool for coding agents to manage memory. Its open-source nature allows for community involvement and customization, making it a valuable tool for developers.

TRY THIS

Explore the Deja Vu repository and try out its features to see how it can improve your AI model development workflow.

<https://github.com/vshulcz/deja-vu>

[ai engineering](#)[coding agents](#)[memory layer](#)

Show HN: Trying to fix the web scraping industry's benchmark problem

[hackernews](#)

The authors have released a benchmark for web scraping companies, aiming to provide a standardized way to evaluate their performance. The benchmark includes a set of challenges and metrics to measure the effectiveness of web scraping tools. This project has the potential to improve the transparency and accountability of the web scraping industry.

Why it matters. The benchmark has the potential to improve the web scraping industry by providing a standardized way to evaluate performance. This can help companies to develop more effective web scraping tools and improve the overall quality of the industry.

TRY THIS

Explore the benchmark repository and try out its features to see how it can improve your web scraping workflow.

<https://github.com/usestring/web-data-frontier-benchmark>

[web scraping](#)[benchmark](#)[industry standard](#)

Show HN: Leaves – A text-UI disk usage treemap visualizer

hackernews

Patonw has released Leaves, a text-UI disk usage treemap visualizer. This project provides a tool for visualizing disk usage, making it easier to identify and manage storage space. Leaves is an open-source project, allowing developers to contribute and customize it to their needs.

Why it matters. Leaves has the potential to improve disk management, providing a tool for visualizing disk usage. Its open-source nature allows for community involvement and customization, making it a valuable tool for developers.

TRY THIS

Explore the Leaves repository and try out its features to see how it can improve your disk management workflow.

<https://github.com/patonw/leaves>

disk management

treemap visualizer

text-ui

QUICK HITS

Show HN: Open-source AI app builder you can embed into your own SaaS HACKERNEWS

The authors have released an open-source AI app builder that can be embedded into SaaS applications.

<https://github.com/totalumlabs/ai-app-builder-open>

Show HN: Nous – give GTM agents one context graph across your tools HACKERNEWS

The authors have released Nous, a context layer for GTM agents that provides a unified graph across tools.

<https://github.com/NousC/opennous>

Show HN: Forall – An AI coding agent that generates machine-checkable proofs HACKERNEWS

The authors have released Forall, an AI coding agent that generates machine-checkable proofs.

<https://github.com/astrio-labs/forall>

Can LLMs Perform Deep Technical Comprehension of Computer Architecture Papers HACKERNEWS

The authors have released a paper on the ability of LLMs to comprehend computer architecture papers.

<https://arxiv.org/abs/2607.11859>

Show HN: Galois connections for composable numeric casts in Rust HACKERNEWS

The authors have released a Rust library for composable numeric casts using Galois connections.

<https://github.com/cmkk/connections>

Show HN: Ratel, give agents unlimited tools and skills without context bloat HACKERNEWS

The authors have released Ratel, a framework for agents that provides unlimited tools and skills without context bloat.

<https://github.com/ratel-ai/ratel>

agentic-commerce-lab/pawl GITHUB

The authors have released Pawl, a registry-as-ground-truth verification and autonomous research framework for agent-driven development.

<https://github.com/agentic-commerce-lab/pawl>

youxiandechilun/Guido GITHUB

The authors have released Guido, a local-first, zero-trust agentic IDE for verifiable autonomous software development.

<https://github.com/youxiandechilun/Guido>

CyberSunil/LLMVault GITHUB

The authors have released LLMVault, an intentionally vulnerable OWASP LLM Top 10 training platform for AI security.

<https://github.com/CyberSunil/LLMVault>

zeraix/zeraix GITHUB

The authors have released Zeraix, an open-source local AI workspace for advancing on-device inference.

<https://github.com/zeraix/zeraix>

