

Coding Beauty · [Follow publication](#)

Member-only story

# OpenAI's new Codex AI agent wants to kill IDEs forever

4 min read · Jun 5, 2025



Tari Ibaba

Follow

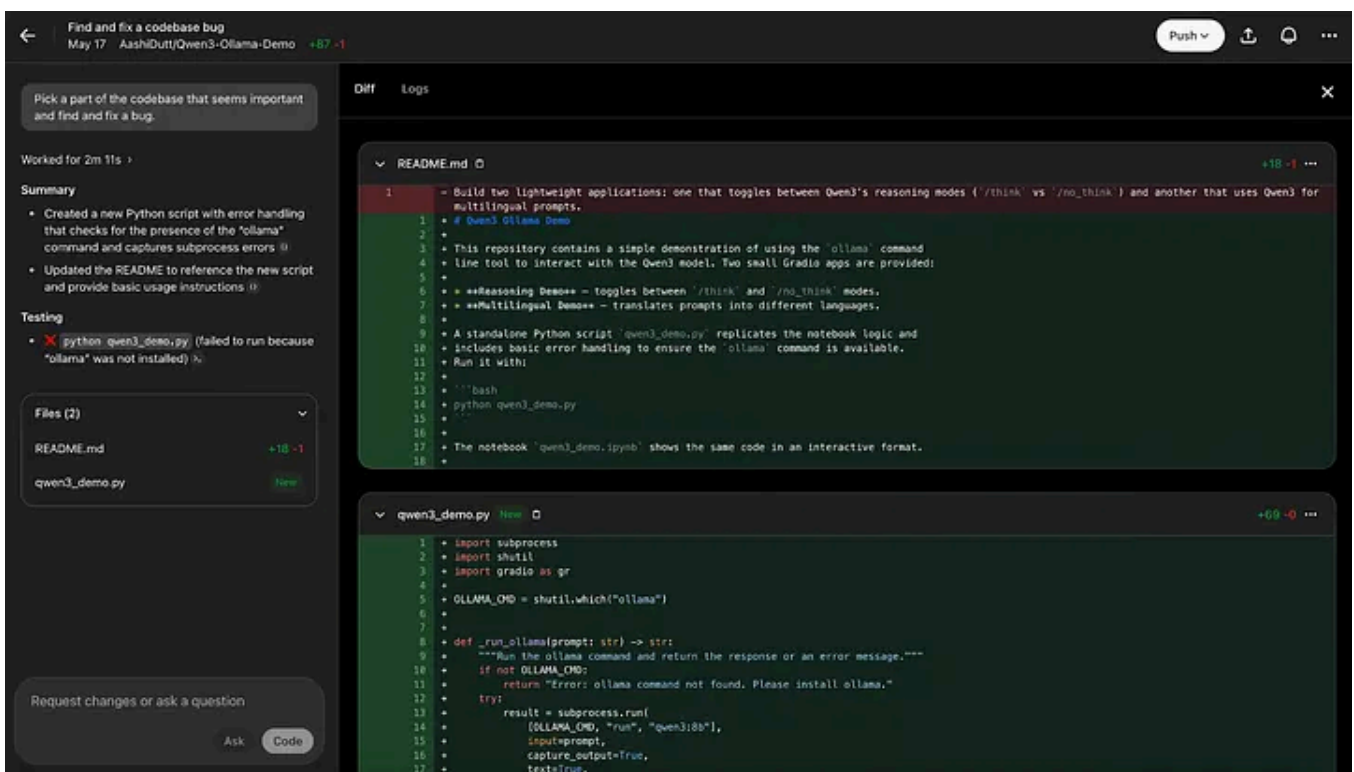


Listen



Share

More

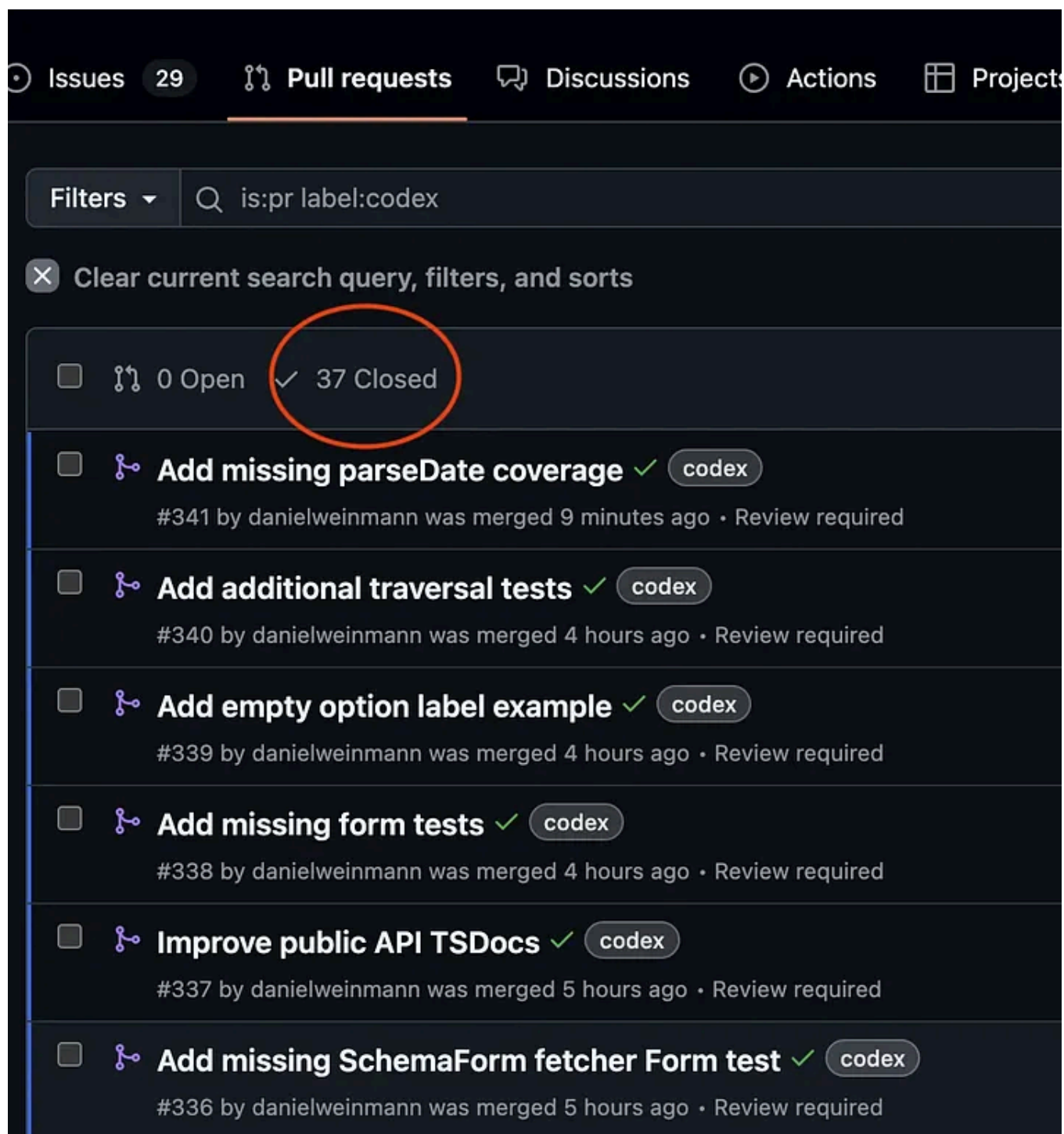


OpenAI's new Codex AI agent is seriously revolutionary.

This is in a completely different league from agentic tools like Windsurf or Cursor.

Look how Codex effortlessly fixed several bugs in this project — completely autonomously.

37 good issues easily slashed away without the slightest bit of human intervention.



All this time we've been gushing over how great all these AI coding agents are with their powerful IDE integration and context-aware suggestions and multi-file edits.

Now here comes OpenAI Codex with something radically different. Not even close.

With Codex we might all eventually end up saying bye bye to IDEs altogether.

No more opening up your lovely VS Code to run complex command-line scripts or navigate files or modify code.

You simply *tell* an AI what you want to do to your **system** “Add a user authentication flow.” “Fix the bug in the payment gateway.” “”

And Codex would just do it.

This is the promise of OpenAI’s new Codex agent. It’s an AI so advanced, so capable, that it might just pave the way for a future where the traditional IDE becomes a relic.

The core idea is astonishingly simple: you describe the desired changes in natural language, and Codex does the rest.

It's not just generating a snippet of code; it's making comprehensive modifications to your entire system.

Codex lives in the cloud. You interact with it through a simple interface like a chat window. You're giving it instructions, not manipulating files.

Think about it: the entire development process happens in a sandboxed, cloud environment.

Codex takes your instructions, loads your codebase into its secure workspace, makes the changes, runs tests, and even prepares pull requests. All of this without you ever needing to open a single file on your local machine.

This is the ultimate abstraction. The IDE, that familiar workbench where you meticulously craft every line, simply vanishes. The user interface for coding becomes your own language. Zero code.

For years, IDEs have been our central hub for development. They provide syntax highlighting, debugging tools, version control integration, and so much more. They're indispensable. Or so we thought.

Codex challenges this fundamental assumption. If an AI can reliably understand complex instructions, perform multi-file edits, ensure code quality, and even integrate with your deployment pipeline, what's the point of the traditional IDE? Its features become functionalities of the AI agent itself.

The workflow shifts dramatically. Instead of spending hours writing code, you're now guiding an incredibly powerful AI. Your role evolves from a coder to a system architect, a high-level strategist. You define the "what," and Codex figures out the "how."

This isn't about simply auto-completing your lines. It's about delegating entire feature development cycles. Debugging? Codex can run tests and identify issues. Refactoring? Just tell it what structure you prefer.

While agents like Windsurf Cascade are about augmenting your current IDE experience, Codex is hinting at a future where that experience is entirely re-imagined. It's a bold step towards a world where `coding` becomes less about the mechanics of typing and more about the articulation of intent.

Will IDEs truly die? Perhaps not entirely, not overnight. But the power and autonomy of agents like Codex suggest a future where the current development paradigm is fundamentally reshaped. Your keyboard might still be there, but your IDE might just be a whisper in the cloud.

. . .

## Every Crazy Thing JavaScript Does

Just when you thought you knew all the quirks.

Avoid painful bugs and save valuable time with **Every Crazy Thing JavaScript Does**, a captivating guide to the subtle caveats and lesser-known parts of JavaScript.

Get a free copy [here](#) today.

Programming

Software Development

Technology

Artificial Intelligence

Software Engineering



Follow

## Published in Coding Beauty

21K followers · Last published 15 hours ago

Latest news, growing trends, and unique insights in the world of tech, AI, and computing.



Follow



## Written by Tari Ibaba

94K followers · 13 following

Latest news, growing trends, and unique insights in the world of tech, AI, and computing.

## Responses (14)



Bgerby

What are your thoughts?



mohamad shahkhajeh

Jun 4



This is an interesting take, but I'm not sure I agree with the idea that IDEs will be fully replaced by Codex anytime soon. The autonomy is cool, but there are still a lot of complex tasks where having an IDE and manual oversight is crucial. Codex... [more](#)



95



3 replies

[Reply](#)



Cesar Qüeb

Jun 6



Seems interesting, but I don't think that IDEs will disappear in a future... they are its dev containers. So, all additional AI or agents plugins will disappear too? I don't believe that! The money that this plugins represents...

Regards.



1 reply

[Reply](#)



Imaginary Unit

Jun 5




Awesome 🙌 Can't wait to test it.



[Reply](#)

[See all responses](#)

## More from Tari Ibaba and Coding Beauty

 In Coding Beauty by Tari Ibaba

### Clean Code Is Dead



If you're still obsessed with writing "clean code" in 2025 then you are living in the stone age.



Oct 23



160



16



In Coding Beauty by Tari Ibaba

## Google Just Made Gemini CLI Even More Insane 🤯

Massive new upgrade to this powerful CLI



Oct 17



149



2



In Coding Beauty by Tari Ibaba

## Microsoft's new layoffs just confirmed every programmer's worst nightmare

The news hit hard.

✦ Jun 6 🖱 2K 💬 145



☐ In Coding Beauty by Tari Ibaba

## The secret code Google uses to monitor everything you do online 🤨

This is so sneaky!


✦ Sep 13 🖱 713 💬 17



See all from Tari Ibaba

See all from Coding Beauty

Recommended from Medium


 In AI Software Engineer by Joe Njenga

## Cursor 2.0 Has Arrived—And Agentic AI Coding Just Got Wild

Cursor has released version 2.0 , bringing the most powerful agentic AI we have seen yet, more autonomous than ever before,here's what's...

✦ 4d ago 🖱️ 445 💬 8




 In Towards AI by Teja Kusireddy

## We Spent \$47,000 Running AI Agents in Production. Here's What Nobody Tells You About A2A and MCP.

Multi-agent systems are the future. Agent-to-Agent (A2A) communication and Anthropic's Model Context Protocol (MCP) are revolutionary. But...

Oct 16  2.2K  73




 In Entrepreneurship Handbook by Joe Procopio

## AI Porn Is Here—and We're All Pretending It'll Be Fine

Sam Altman has decided that five years is enough of a head start for the porn companies

 3d ago  1K  39



 In AWS in Plain English by DevMind

## Why GitOps Is Already Fading—Here's What's Replacing It in 2025

The gold standard of modern DevOps is quietly showing cracks—and something smarter is stepping in.

Oct 25 🖱️ 97 💬 1




Avi Loeb

## First Evidence for a Non-Gravitational Acceleration of 3I/ATLAS at Perihelion

By the date of its perihelion, 3I/ATLAS displayed the first evidence of a non-gravitational acceleration. The report ([accessible here](#)) was...

3d ago 🖱️ 2.7K 💬 153



 In Coding Nexus by Code Coup

## Claude Desktop Might Be the Most Useful Free Tool You'll Install This Year

I didn't expect much when I first saw the announcement for Claude Desktop. Another AI wrapper, I thought. Maybe with a shiny UI.

✦ Oct 23 🖱️ 437 💬 22



---

See more recommendations