FACTSHEET: GPT-4 PLUGINS
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OpenAI, a company that started as a research lab and evolved into an AI infrastructure provider, has taken a definitive step into the consumer app world with the [launch of ChatGPT plugins](#).

These plugins allow the AI to perform actions beyond just generating text, such as browsing the web and interacting with external services. This move has the potential to make OpenAI a new tech giant, alongside the likes of Google, Microsoft, Apple, and Facebook.

The ChatGPT plugins solve several of the biggest issues with the AI in one fell swoop, including hallucination, stale information, and private information.

Plugins are initially available to a small set of users, with plans for larger-scale access after an alpha period.

Notable Plugins

- Expedia
- FiscalNote
- Instacart
- KAYAK
- Klarna
- Milo
- OpenTable
- Shopify
- Slack
- Speak
- Wolfram
- Zapier

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New Abilities

1. **Internet Access**: ChatGPT can now search the web for up-to-date information using Bing. Search results are annotated with links for user verification.

2. **Code Execution**: OpenAI has provided ChatGPT with a sandboxed Python interpreter, enabling it to write and run code, upload and download files, and perform operations on data.

3. **Third-Party App Integration**: ChatGPT now integrates with various third-party apps, enabling users to search for flights, accommodations, restaurants, and rental cars, as well as compare products and set up orders. The Wolfram plugin adds math and computing powers, and the Zapier plugin provides access to around 5,000 other apps.

Plugin Development

Developers invited off the waitlist can use OpenAI's documentation to create plugins for ChatGPT. New plugins can be created using OpenAPI manifests, with human language descriptions for each feature.

Safety Measures

- ChatGPT's web browsing activities are read-only, and it can't fill in forms or interact online beyond sending "get" requests to Bing.

- The search API is separate from OpenAI's infrastructure to minimize potential risks.

- ChatGPT only accesses websites through Bing's "safe mode" and respects websites' robots.txt files.

Implications

The introduction of plugins positions ChatGPT as a powerful personal assistant with access to a vast range of personal and company information. This development presents incredible opportunities and unprecedented risks, pushing AI technology further into uncharted territory.