Anthroid AI Agent and App Creator

The setup involves using together.ai to host the LLM serverless, Vectara for querying documents, LLamaIndex for text embeddings or LLM, and unstructured.io for cleaning and translating HTML or formatting prompts. Currently, it uses Google Search API or Azure Bing Search service API to query search engines, retrieves links, and sends them to Vectara for indexing and querying, with plans to integrate LLamaindex in the future.

Additionally, the system utilizes Meta's Graph API to gather posts, not just from search engines but also from social media platforms like Facebook, for up-to-date news and content from real people in real-time (work in progress).

The platform can also select, retrieve, and run code, featuring a built-in Python interpreter using the exec() function. It can run other languages through bindings like jnius (Java), Cython/CPython (C/C++), and C# DLLs. It also supports OpenGL for 3D rendering, OpenCV for RTSP streaming, image processing, and computer vision, matplotlib for mathematical visualizations, and a custom web browser capable of executing JS code for websites.

The goal is to create a cross-platform native app that can eventually run on most operating systems, including PCs, Android, and iOS devices.

Tech Stacks

Backend

- Vectara
- Together.ai
- Unstructured.io
- Google Search API or similar
- Gemini

Frontend

- Kivy