

Free the data API

Juan Molera Pascual

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Ironhack

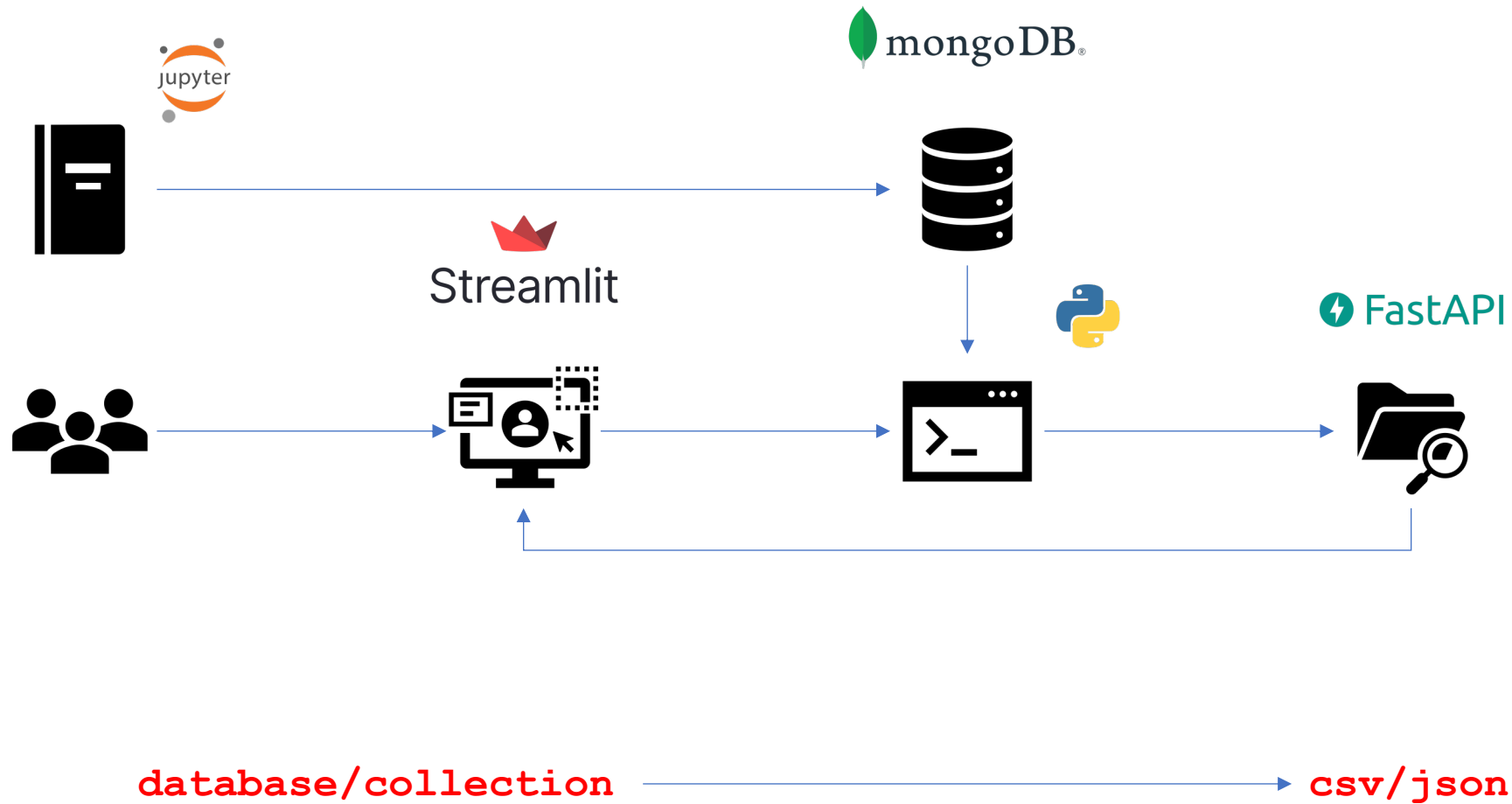
What is an API?



Good morning! An API, or Application Programming Interface, is a set of rules and protocols that enables different software programs to communicate with each other. It facilitates interaction and data exchange between applications, which is essential for software development and task automation.



How it works?



Endpoint

The screenshot shows a web browser window with the Swagger UI for a FastAPI application. The browser's address bar shows the URL `127.0.0.1:8000/docs#/default/get_collection_database_collection_get`. The Swagger UI header displays "FastAPI 0.1.0 OAS 3.1" and a link to `/openapi.json`. The main section is titled "default" and shows the endpoint `GET /database/collection` with the description "Get Collection". Below the endpoint information, there is a "Parameters" section indicating "No parameters" and a "Responses" section. The "Responses" section shows a table with a single entry for status code 200, described as "Successful Response". A dropdown menu for "Media type" is set to "application/json", with a note "Controls Accept header." Below this, there are tabs for "Example Value" and "Schema". The "Example Value" tab is active, showing a dark box with the text `"string"`. A "Try it out" button is located in the top right corner of the endpoint details area.

FastAPI 0.1.0 OAS 3.1
</openapi.json>

default

GET /database/collection Get Collection

Parameters

No parameters

Responses

Code	Description	Links
200	Successful Response	No links

Media type
application/json

Controls Accept header.

Example Value | Schema

"string"

Next steps

- Deployment of API, database and streamlit
- Automatic updating of databases or collections
- Add more products through web scraping