

 You

Write a python web application that will periodically fetch a number of RSS feeds, parse the results, save them in a local Sqlite db and make them available using FastApi.

 ChatGPT

Creating a Python web application that periodically fetches a number of RSS feeds, parses the results, saves them in a local SQLite database, and makes them available using FastAPI involves several steps. Here's a high-level overview of how you can approach this project:

1. Setting Up the Project Environment:

- Install necessary Python packages: `feedparser` for parsing RSS feeds, `FastAPI` for the web framework, `SQLAlchemy` for ORM support with SQLite, `uvicorn` for serving the application, and `APScheduler` for scheduling tasks.

2. Database Model:

- Define a SQLite database schema using SQLAlchemy. This will typically include tables for storing feed information and the fetched articles.

3. Fetching and Parsing RSS Feeds:

- Use `feedparser` to fetch and parse the RSS feeds. This involves periodically making HTTP requests to the RSS feed URLs and parsing the returned XML data.

4. Storing Data in SQLite Database:

Process the parsed data and store it in the SQLite