terça-feira, 1 de abril de 2025 07:32

- CppRestSDK is not an option anymore, no support for years and the github page recommend not to use it
- - o May lack documentation.... but it's something I can contribute... they are looking for voluntiers
- - Seems like a good option, has support (github page s active) https://github.com/CrowCpp/Crow
 - Looks like there are some documentation arround it https://crowcpp.org/master/getting_started/setup/linux/
 GPT gave a solid answer... that is nice

2 Structuring the C++ API Project

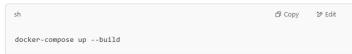
A well-structured project makes it easier to maintain and expand. Below is the recommended folder structure:



♦ 3. Running the API in Development Mode

Now, you can run your API without rebuilding the image every time.

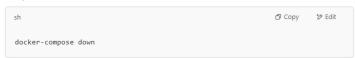
Start the API



This will-

- Build the container (if needed).
- Mount your local source code inside the container.
- Compile the code (cmake . && make).
- Run the API.

Stop the API



Recompile Without Restarting

If you change your C++ code, you don't need to restart Docker. Instead, inside the running container, recompile:



Summary: Fast Development Workflow

Action	Command
Start API (auto-recompiling)	docker-compose upbuild
Stop API	docker-compose down
Recompile code inside container	docker exec -it cpp-api-dev bash → cmake . && make && ./api_server
Restart API after code changes	./run_dev.sh

1 Build & Start Container

docker-compose up --build

2 Manually Rebuild (if needed)

docker exec -it cpp-api-dev bash cd build && cmake .. && make -j\$(nproc) ./api_server # Run manually

3 Stop Container

docker-compose down