FAA Kits Database Project

Postgres + FastAPI + Streamlit

# Major Commands

## Shutdown

docker compose down

## Startup

docker compose up –build

## Check which containers are running

docker ps

## Check PWD file path inside the container

docker compose exec api\_service pwd

## To rebuild / restart

docker compose down

docker compose up --build -d

### If outside the container’s wd

docker compose exec api\_service python src/prepare\_kits.py

docker compose exec api\_service python src/ingest\_kits.py

### If already inside the container’s wd

docker compose exec api\_service python prepare\_kits.py

docker compose exec api\_service python ingest\_kits.py

# To Remember

FastAPI: Uvicorn running on http://0.0.0.0:8000

Streamlit: up on 8501

# Questions and Answers

Question: How do I know if I’m inside a Docker container?

Answer:

If the terminal prompt looks like “Mac:faa\_kits andyburnett$,” not in container

If the terminal prompt looks like “root@faa\_api:/app/src#,” in a container

Question: How do I enter a container shell?

Answer:

docker compose exec api\_service bash (to enter API container)

docker compose exec postgres bash (Postgres container)

docker compose exec streamlit bash (Streamlit container)