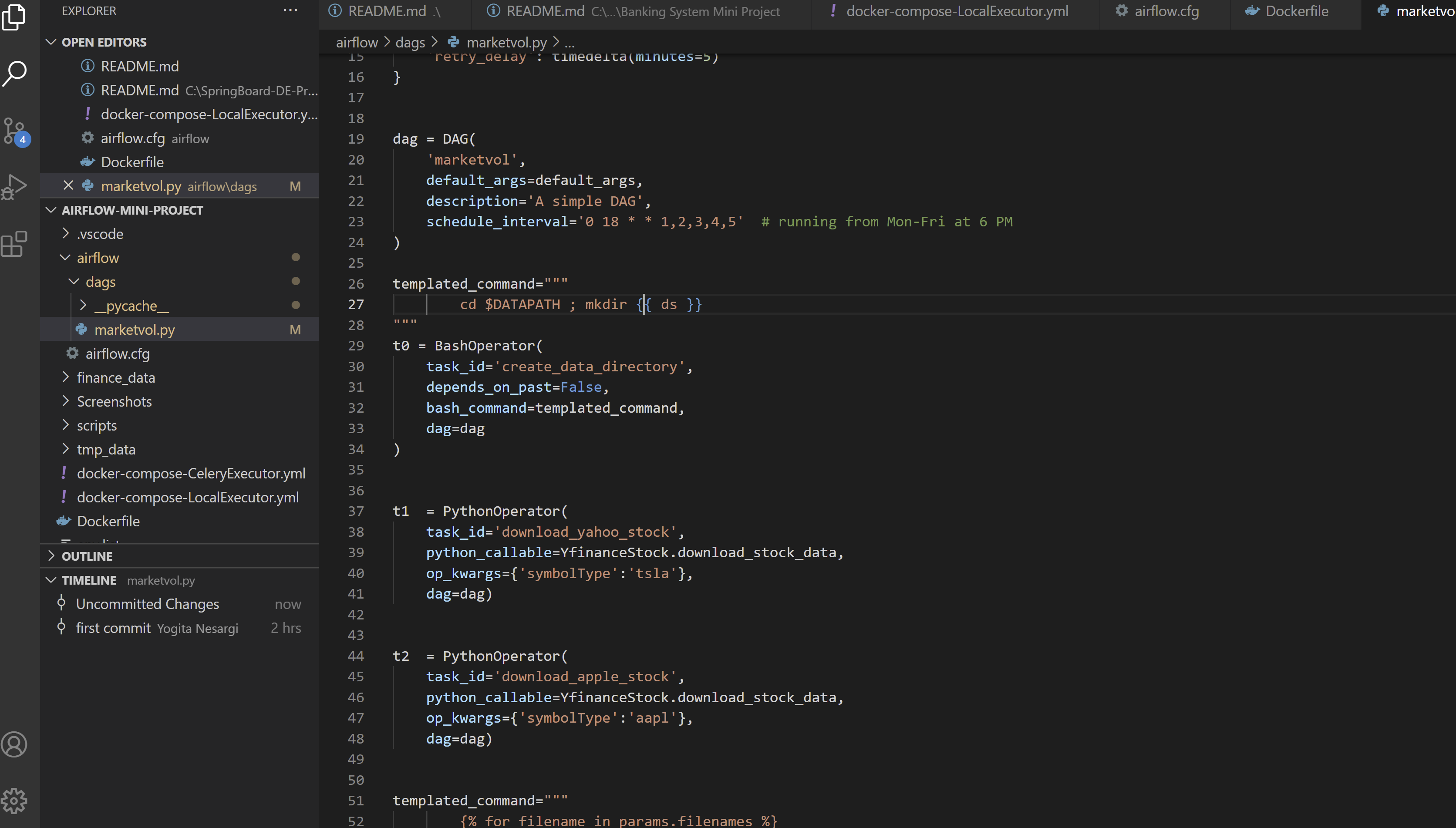
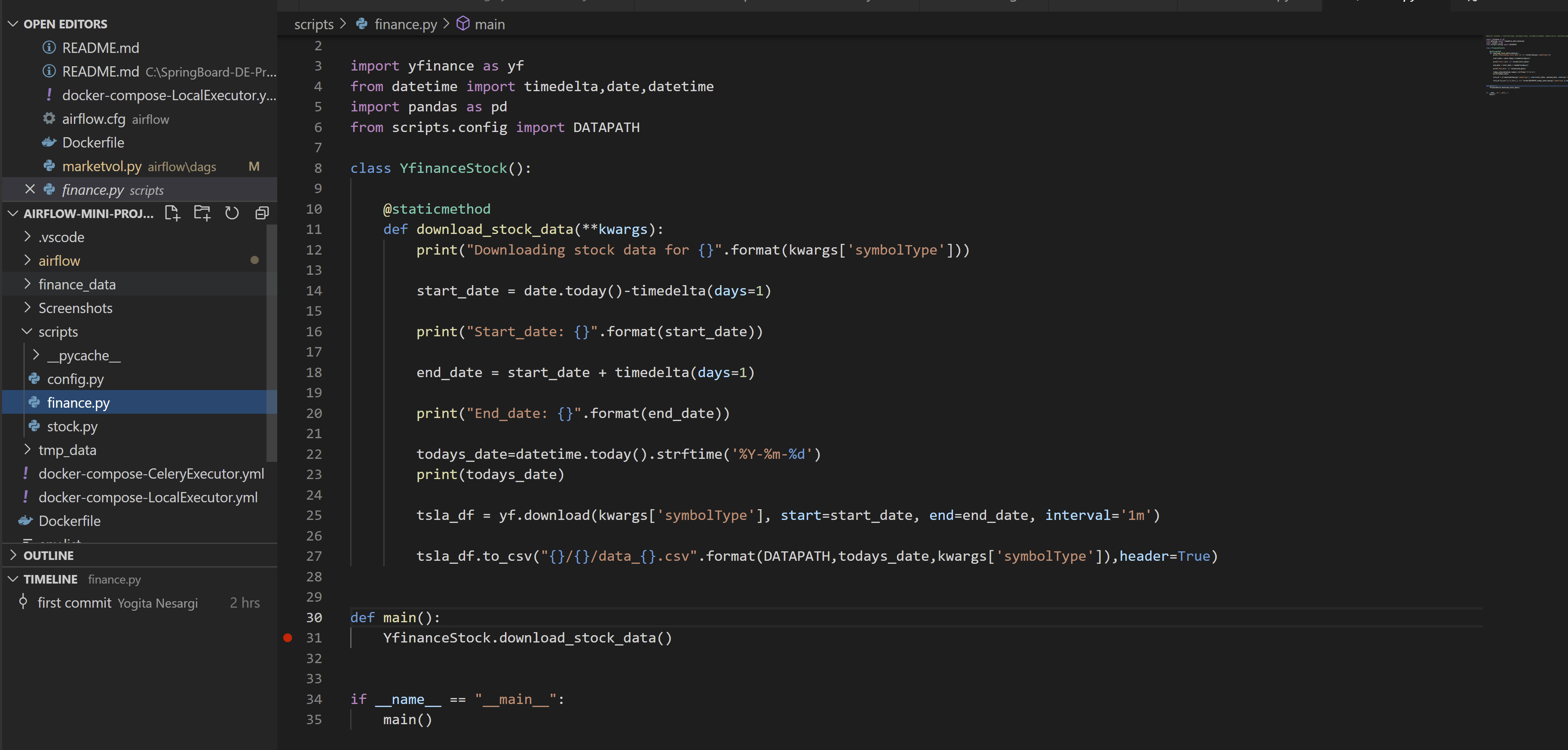
Project structure: Dags are under ‘./airflow/dags’ folder.

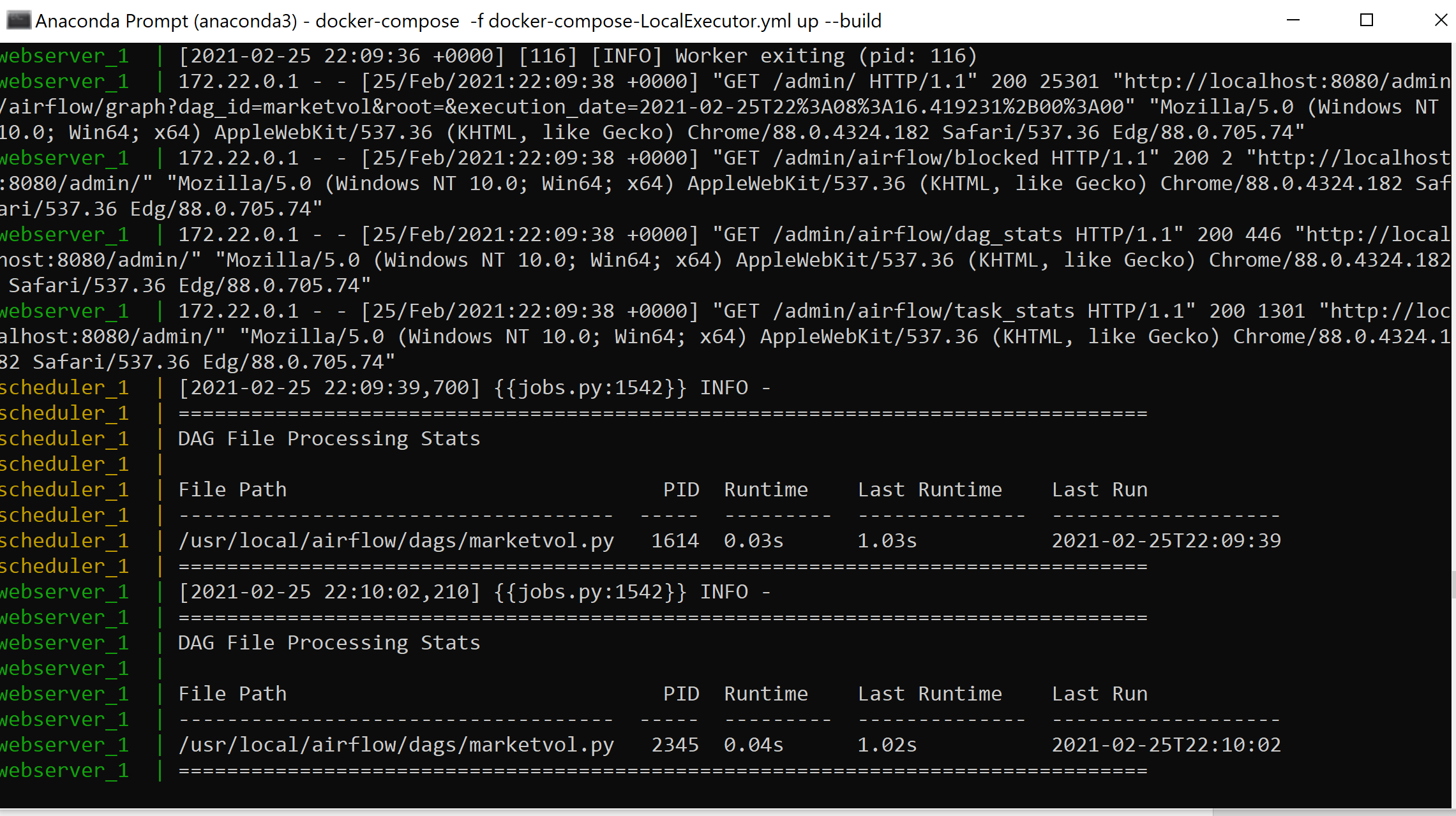


Scripts are under: ‘. /scripts’ folder

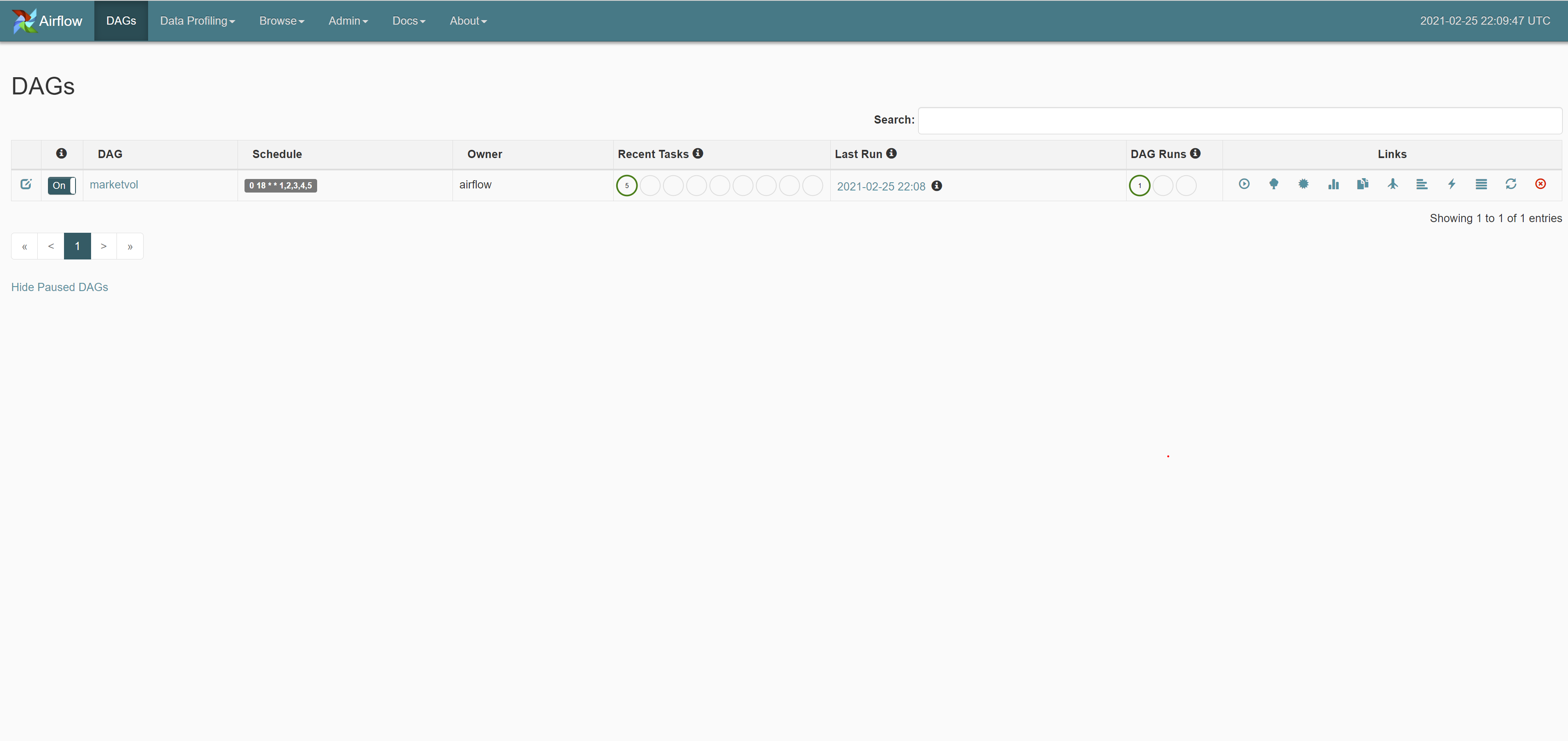


Starting docker container

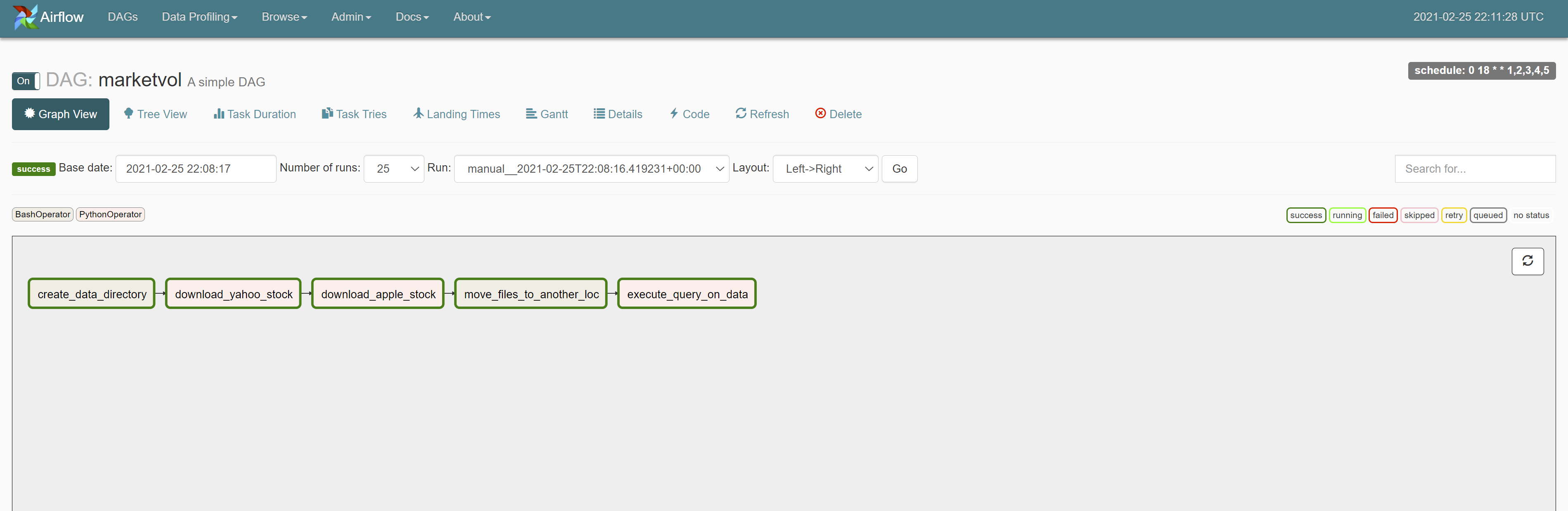
Command: docker-compose -f docker-compose-LocalExecutor.yml up --build



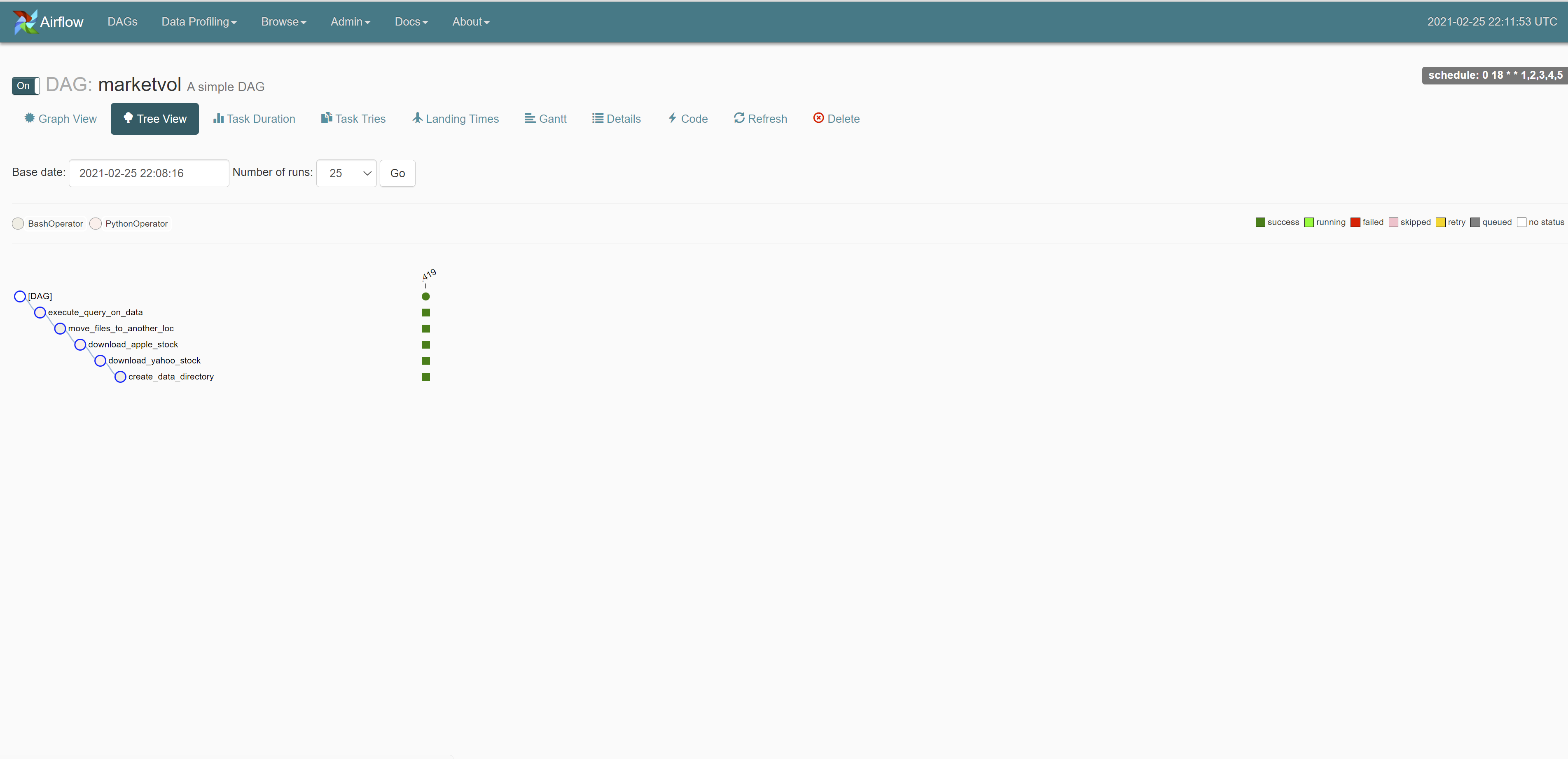
Access Airflow UI using ‘http:localhost:8080’



Graph View



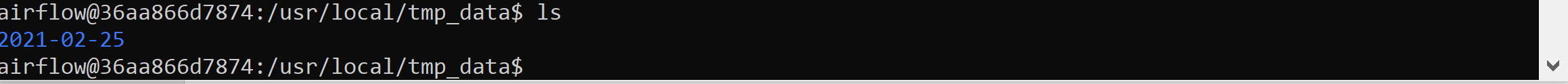
Tree View

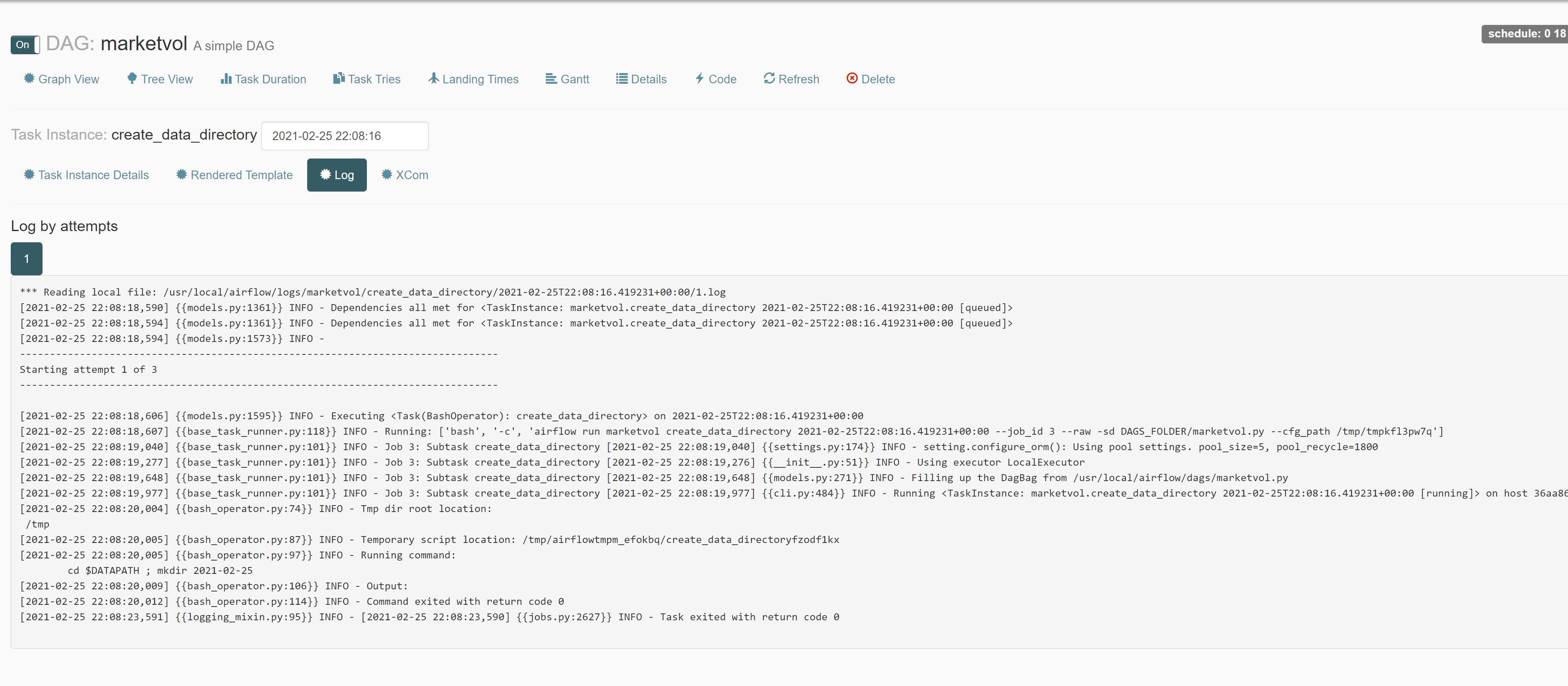


Logs of individual task

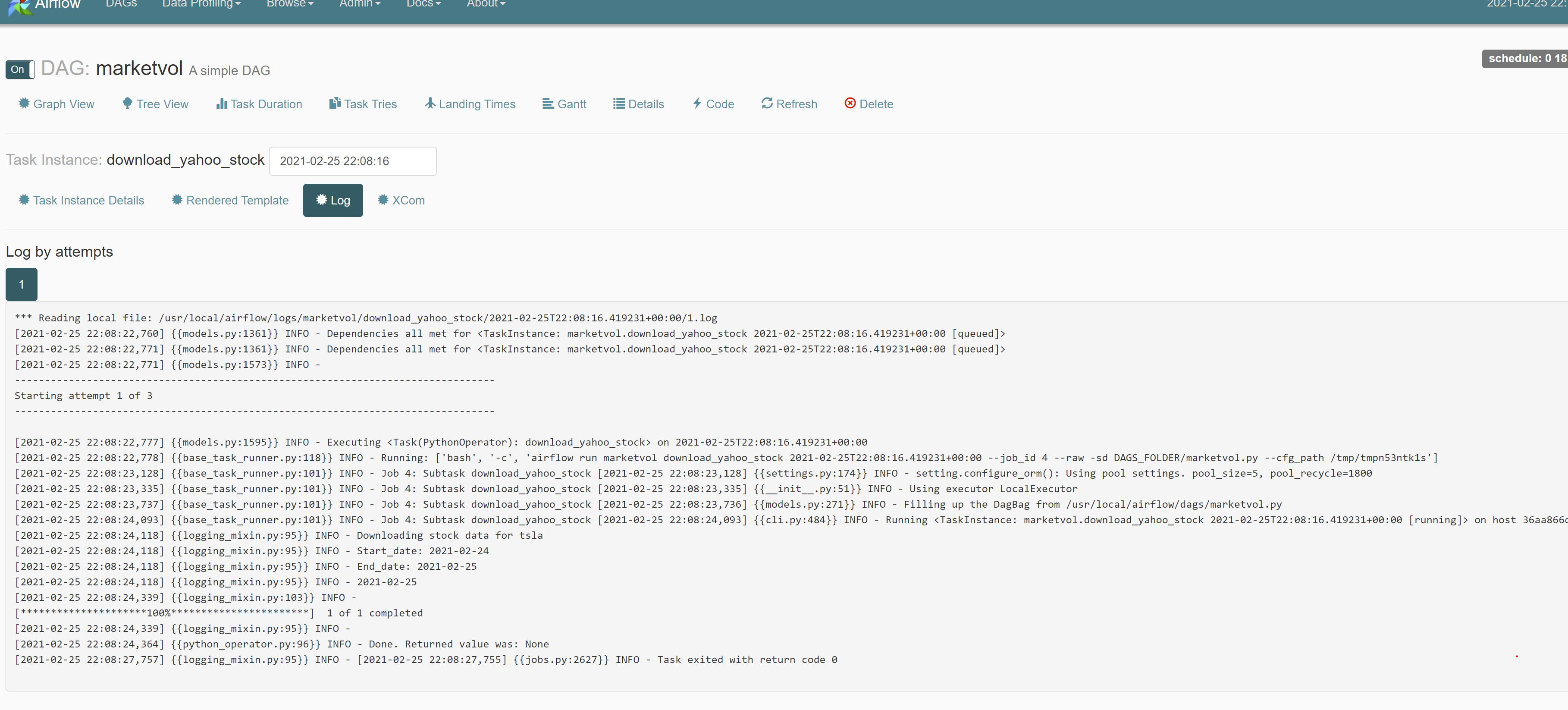
Task 1: create\_data\_directory

Airflow task uses BashOperator to create a directory on current\_date: 2021-02-25

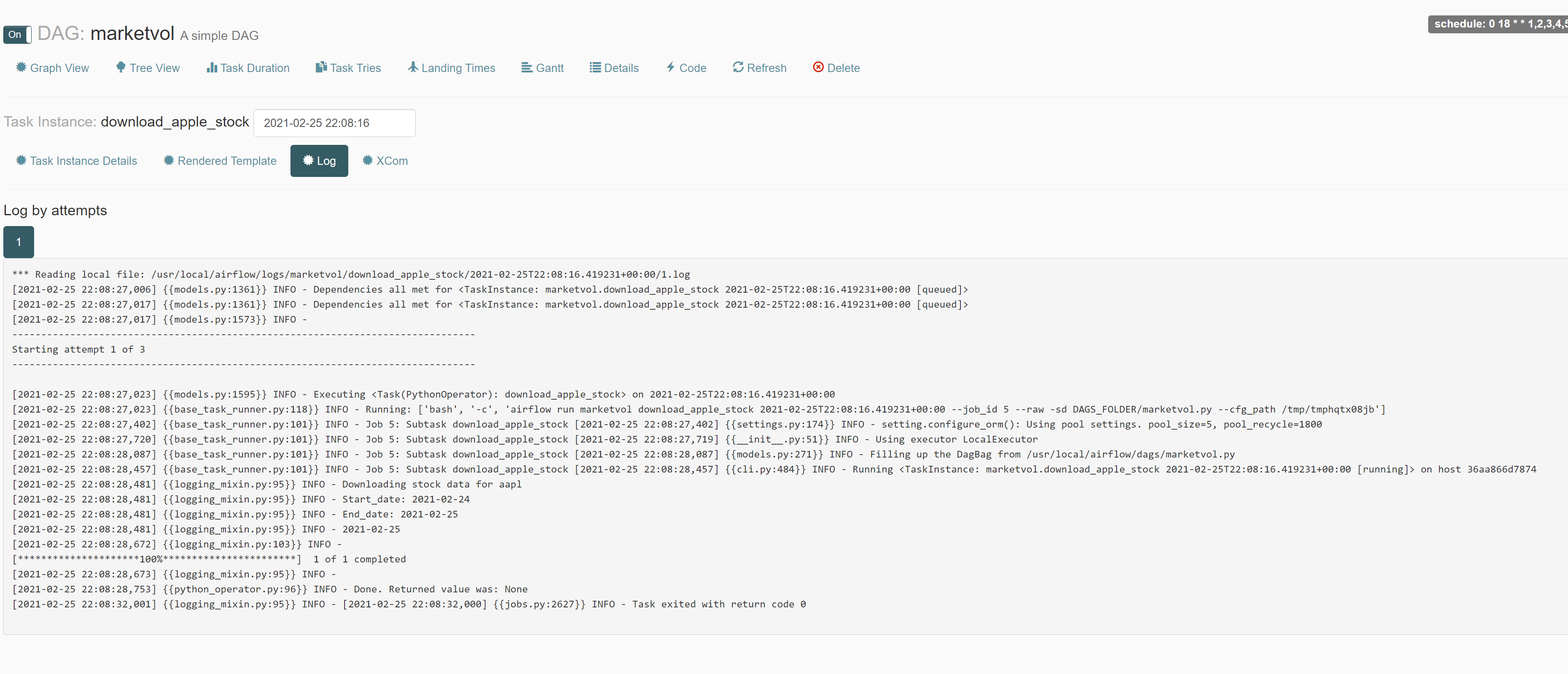




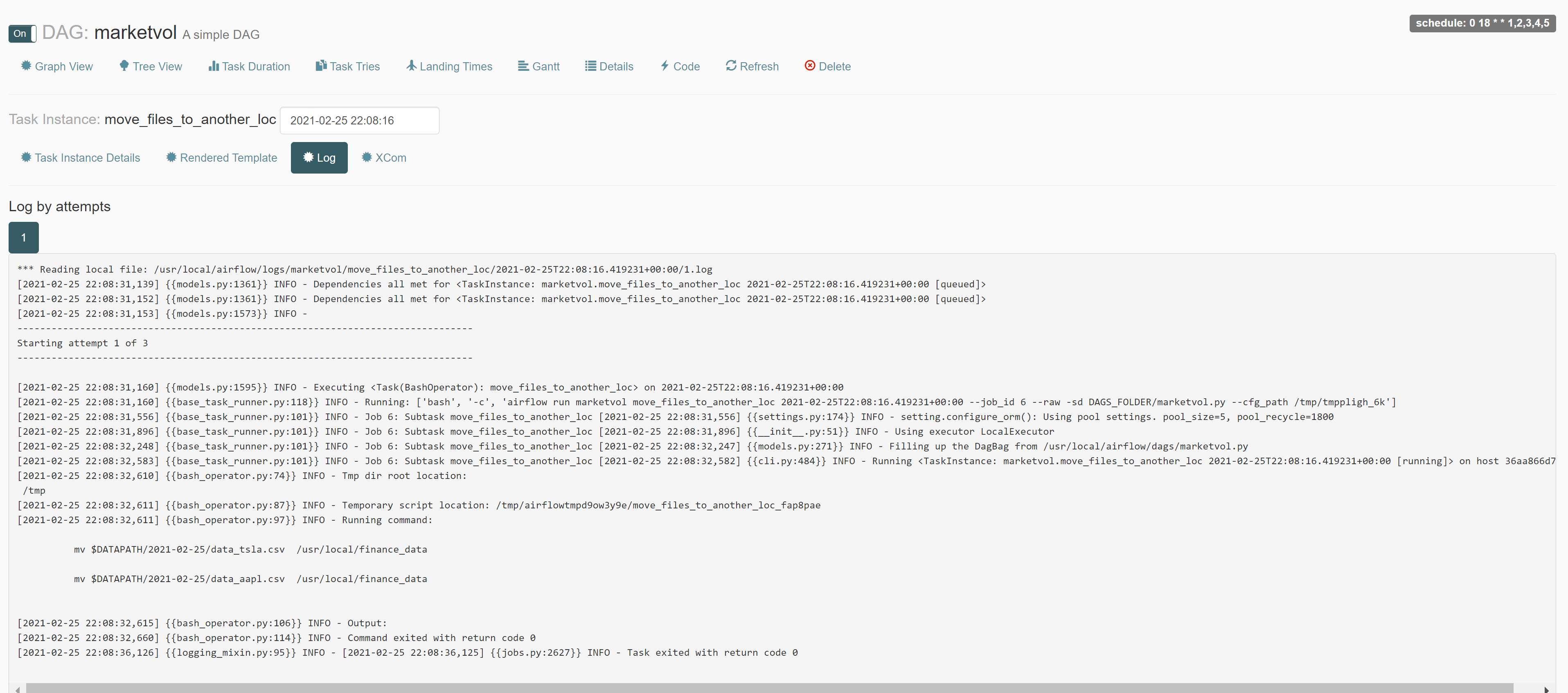
Task 2: PythonOperator to download yahoo stock. Stock data is downloaded to temporary path ‘/usr/local/tmp\_data/2021-02-25’

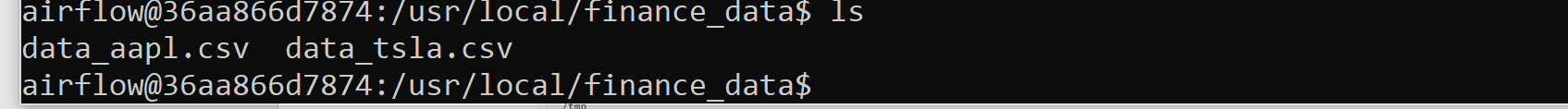


Task 3: PythonOperator to download apple stock. Stock data is downloaded to temporary path ‘/usr/local/tmp\_data/2021-02-25’



Task 4: Airflow uses BashOperator to move the data from temporary storage to another location ‘/usr/local/finance\_data’





Task 5: Finally, airflow used ‘PythonOperator’ to run query on the above two datasets

