

Evidences

```

mandreev@mandreev-VM: ~/Documents/Personal/___airflow/workspace
AC[2024-11-17 17:00:45 +0000] [249] [INFO] Handling signal: int
[2024-11-17 17:00:45 +0000] [TriggererJobRunner.py:351] INFO - Waiting for triggers to clean up
[2024-11-17 17:00:45 +0000] [251] [INFO] Worker exiting (pid: 251)
[2024-11-17 17:00:45 +0000] [252] [INFO] Worker exiting (pid: 252)
[2024-11-17 17:00:45 +0000] [249] [INFO] Shutting down: Master
[2024-11-17 17:00:46 +0000] [TriggererJobRunner.py:357] INFO - Exited trigger loop
root@60cf0771640a:/opt/airflow# airflow triggerer
/usr/local/lib/python3.9/site-packages/airflow/configuration.py:889 FutureWarning: section/key [core/sqlalchemy_conn] has been deprecated, you should use[database/sqlalchemy_conn] instead. Please update your 'conf.get*' call to use the new name
[2024-11-17 17:00:50 +0000] [764] [INFO] Starting gunicorn 23.0.0
[2024-11-17 17:00:50 +0000] [764] [INFO] Listening at: http://[::]:8794 (764)
[2024-11-17 17:00:50 +0000] [764] [INFO] Using worker: sync
[2024-11-17 17:00:50 +0000] [765] [INFO] Booting worker with pid: 765
[2024-11-17 17:00:50 +0000] [766] [INFO] Booting worker with pid: 766
[2024-11-17 17:00:52 +0000] [TriggererJobRunner.py:181] INFO - Setting up TriggererHandlerWrapper with handler <FileTaskHandler (NOTSET)>
[2024-11-17 17:00:53 +0000] [TriggererJobRunner.py:227] INFO - Setting up Logging queue listener with handlers [RedirectionHandler<stdout> (NOTSET)], <TriggererHandlerWrapper (NOTSET)>]
[2024-11-17 17:00:53 +0000] [TriggererJobRunner.py:338] INFO - Starting the triggerer

2024-11-17 17:00:44 +0000] [748] [INFO] Listening at: http://[::]:8793 (748)
2024-11-17 17:00:44 +0000] [748] [INFO] Using worker: sync
2024-11-17 17:00:44 +0000] [749] [INFO] Booting worker with pid: 749
2024-11-17 17:00:44 +0000] [SchedulerJobRunner.py:938] INFO - Starting the scheduler
[2024-11-17 17:00:44 +0000] [SchedulerJobRunner.py:945] INFO - Processing each file at most -1 times
[2024-11-17 17:00:44 +0000] [Manager.py:174] INFO - Launched DagFileProcessManager with pid: 750
[2024-11-17 17:00:44 +0000] [SchedulerJobRunner.py:1852] INFO - Adopting or resetting orphaned tasks for active dag runs
[2024-11-17 17:00:44 +0000] [Settings.py:63] INFO - Configured default time zone UTC
/usr/local/lib/python3.9/site-packages/airflow/configuration.py:889 FutureWarning: section/key [core/sqlalchemy_conn] has been deprecated, you should use[database/sqlalchemy_conn] instead. Please update your 'conf.get*' call to use the new name
2024-11-17 17:00:44 +0000] [Manager.py:406] WARNING - Because we cannot use more than 1 thread (parsing_processes = 2) when using sqllite. So we set parallelism to 1.
[2024-11-17 17:00:44 +0000] [751] [INFO] Booting worker with pid: 751

Start a triggerer instance
version
Show the version
webserver
Start an Airflow webserver instance

Optional Arguments:
-h, --help show this help message and exit

airflow command error: argument GROUP_OR_COMMAND: invalid choice: 'fastapi-apt' (choose from 'cheat-sheet', 'config', 'connections', 'dag-processor', 'dags', 'db', 'info', 'internal-api', 'jobs', 'kerberos', 'plugins', 'pools', 'providers', 'rotate-fernet-key', 'scheduler', 'standalone', 'sync-perm', 'tasks', 'triggerer', 'users', 'variables', 'version', 'webserver'), see help at 'bo

not recommended for production use. See: https://flask-limiter.readthedocs.io/en/latest/configuration-a-storage-backend for documentation about configuring the storage backend.
/usr/local/lib/python3.9/site-packages/airflow/providers/fab/auth_manager/fab_auth_manager.py:558 FutureWarning: section/key [webserver/update_fab_perms] has been deprecated, you should use[fab/update_fab_perms] instead. Please update your 'conf.get*' call to use the new name
[2024-11-17 17:00:53 +0000] [755] [INFO] Starting gunicorn 23.0.0
[2024-11-17 17:00:53 +0000] [755] [INFO] Listening at: http://0.0.0.0:8080 (755)
[2024-11-17 17:00:53 +0000] [755] [INFO] Using worker: sync
[2024-11-17 17:00:53 +0000] [803] [INFO] Booting worker with pid: 803
[2024-11-17 17:00:53 +0000] [804] [INFO] Booting worker with pid: 804
[2024-11-17 17:00:53 +0000] [805] [INFO] Booting worker with pid: 805
[2024-11-17 17:00:53 +0000] [806] [INFO] Booting worker with pid: 806

```

```

mandreev@mandreev-VM:~/Documents/Personal/___airflow/workspace$ docker ps
CONTAINER ID   IMAGE                                     COMMAND                                     CREATED
STATUS        PORTS
NAMES
411c56f81432  ghcr.io/apache/airflow/main/ci/python3.9:latest  "/usr/bin/dumb-init ..." 42
seconds ago   Up 41 seconds   0.0.0.0:12322->22/tcp, [::]:12322->22/tcp,
0.0.0.0:25555->5555/tcp, [::]:25555->5555/tcp, 0.0.0.0:28080->8080/tcp,
[::]:28080->8080/tcp, 0.0.0.0:29091->9091/tcp, [::]:29091->9091/tcp
breeze-airflow-run-b923b5668db1

```

Put new dag into "files/dag" as "docker_dag.py" and update dags using "airflow dags reserialize".

```

# partially generated by chatgpt
from airflow import DAG
from airflow.providers.docker.operators.docker import DockerOperator
from datetime import datetime

default_args = {
    "owner": "airflow",
    "depends_on_past": False,
    "retries": 1,
}

with DAG(
    dag_id="docker_43840_v2",
    default_args=default_args,
    schedule_interval=None, # Set to None for manual runs
    catchup=False,
) as dag:

```

```

run_docker_task = DockerOperator(
    task_id="run_docker_task",
    image="python:3.9-slim",
    api_version="auto",
    auto_remove=True,
    command="python -c 'print(\"Hello from Docker!\");print(\" ^^^ \")'",
    docker_url="unix://var/run/docker.sock", # Default for Linux/Mac
)

# Task sequence
run_docker_task

```

Manually trigger dag

The screenshot shows the Airflow web interface for a DAG named 'docker_43840_v2'. The interface includes a navigation bar with 'Airflow', 'DAGs', 'Cluster Activity', 'Datasets', 'Security', 'Browse', 'Admin', and 'Docs'. The current view is 'DAG: docker_43840_v2' with a 'Schedule: None' and 'Next Run ID: None'. A red circle highlights the 'Trigger' button (a play icon) in the top right corner of the DAG header. Below the header, there are filters for 'All Run Types' and 'All Run States', and a 'Clear Filters' button. A status bar shows various task states like 'deferred', 'failed', 'queued', etc. The main content area shows the 'DAG Summary' and 'DAG Details' for 'docker_43840_v2'.

DAG Summary	
Total Tasks	1
DockerOperator	1

DAG Details	
Dag display name	docker_43840_v2
Dag id	docker_43840_v2
Description	null
Fileloc	/files/dags/docker_dag.py
Has import errors	false

Open dag run details:

Unpaused DAG docker_43840_v2.

Triggered docker_43840_v2 with new Run ID manual__2024-11-17T17:29:34.545762+00:00, it should start any moment now.

DAG: docker_43840_v2

11/17/2024 05:29:34 PM All Run Types All Run States Clear Filters

Press **shift** + **/** for Shortcuts deferred failed queued removed restarting running scheduled shutdown skipped

DAG Run Details for docker_43840_v2 / 2024-11-17, 17:29:34 UTC

run_docker_task

DAG Run Notes

Dag Run Details

Status	success
Run ID	manual__2024-11-17T17:29:34.545762+00:00

Open logs & verify leading spaces in logs:

DAG: docker_43840_v2

11/17/2024 05:29:34 PM All Run Types All Run States Clear Filters

Press **shift** + **/** for Shortcuts deferred failed queued removed restarting running scheduled shutdown skipped success up_for_reschedule

Task Instance Details for run_docker_task

Logs

Task Instance Notes

Status	success
Task ID	run_docker_task
Run ID	manual__2024-11-17T17:29:34.545762+00:00
Map Index	-1

DAG docker_43840_v2 / Run 2024-11-17, 17:29:34 UTC / Task run_docker_task

Details Graph Gantt Code Event Log **Logs** XCom Task Duration

```
All Levels All File Sources
411c56f81432
*** Found local files:
***   /root/airflow/logs/dag_id=docker_43840_v2/run_id=manual__2024-11-17T17:29:34.545762+00:00/task_id=run_docker_task/attempt=1.log
[2024-11-17, 17:29:39 UTC] {local_task_job_runner.py:123} ▶ Pre task execution logs
[2024-11-17, 17:29:40 UTC] {docker.py:379} INFO - Starting docker container from image python:3.9-slim
[2024-11-17, 17:29:40 UTC] {docker.py:387} WARNING - Using remote engine or docker-in-docker and mounting temporary volume from host is not supported.
[2024-11-17, 17:29:40 UTC] {docker.py:73} INFO - Hello from Docker!
[2024-11-17, 17:29:40 UTC] {docker.py:73} INFO - ^^^
[2024-11-17, 17:29:40 UTC] {taskinstance.py:340} ▶ Post task execution logs
```