

Airflow commands cheat-sheet

Miscellaneous commands

`airflow cheat-sheet` | Display cheat sheet
`airflow info` | Show information about current Airflow and environment
`airflow kerberos` | Start a kerberos ticket renewer
`airflow plugins` | Dump information about loaded plugins
`airflow rotate-fernet-key` | Rotate encrypted connection credentials and variables
`airflow scheduler` | Start a scheduler instance
`airflow sync-perm` | Update permissions for existing roles and DAGs
`airflow version` | Show the version
`airflow webserver` | Start a Airflow webserver instance

Celery components

`airflow celery flower` | Start a Celery Flower
`airflow celery stop` | Stop the Celery worker gracefully
`airflow celery worker` | Start a Celery worker node

View configuration

`airflow config get-value` | Print the value of the configuration
`airflow config list` | List options for the configuration

Manage connections

`airflow connections add` | Add a connection
`airflow connections delete` | Delete a connection
`airflow connections export` | Export all connections
`airflow connections get` | Get a connection
`airflow connections list` | List connections

Manage DAGs

`airflow dags backfill` | Run subsections of a DAG for a specified date range
`airflow dags delete` | Delete all DB records related to the specified DAG
`airflow dags list` | List all the DAGs
`airflow dags list-jobs` | List the jobs
`airflow dags list-runs` | List DAG runs given a DAG id
`airflow dags next-execution` | Get the next execution datetimes of a DAG
`airflow dags pause` | Pause a DAG
`airflow dags report` | Show DagBag loading report

airflow dags show | Displays DAG's tasks with their dependencies

airriow dags state | Get the status of a dag run

airflow dags test | Execute one single DagRun

airflow dags trigger | Trigger a DAG run

airflow dags unpause | Resume a paused DAG

Database operations

airflow db check | Check if the database can be reached

airflow db check-migrations | Check if migration have finished

airflow db init | Initialize the metadata database

airflow db reset | Burn down and rebuild the metadata database

airflow db shell | Runs a shell to access the database

airflow db upgrade | Upgrade the metadata database to latest version

Tools to help run the KubernetesExecutor

airflow kubernetes cleanup-pods | Clean up Kubernetes pods in evicted/failed/succeeded states

airflow kubernetes generate-dag-yaml | Generate YAML files for all tasks in DAG. Useful for debugging task

Manage pools

airflow pools delete | Delete pool

airflow pools export | Export all pools

airflow pools get | Get pool size

airflow pools import | Import pools

airflow pools list | List pools

airflow pools set | Configure pool

Display providers

airflow providers behaviours | Get information about registered connection types with custom behaviours

airflow providers get | Get detailed information about a provider

airflow providers hooks | List registered provider hooks

airflow providers links | List extra links registered by the providers

airflow providers list | List installed providers

airflow providers widgets | Get information about registered connection form widgets

Manage roles

airflow roles create | Create role

airflow roles list | List roles

Manage tasks



airflow tasks clear | Clear a set of task instance, as if they never ran
airflow tasks failed-deps | Returns the unmet dependencies for a task instance
airflow tasks list | List the tasks within a DAG
airflow tasks render | Render a task instance's template(s)
airflow tasks run | Run a single task instance
airflow tasks state | Get the status of a task instance
airflow tasks states-for-dag-run | Get the status of all task instances in a dag run
airflow tasks test | Test a task instance

Manage users



airflow users add-role | Add role to a user
airflow users create | Create a user
airflow users delete | Delete a user
airflow users export | Export all users
airflow users import | Import users
airflow users list | List users
airflow users remove-role | Remove role from a user

Manage variables



airflow variables delete | Delete variable
airflow variables export | Export all variables
airflow variables get | Get variable
airflow variables import | Import variables
airflow variables list | List variables
airflow variables set | Set variable