

Rerunning many failed jobs

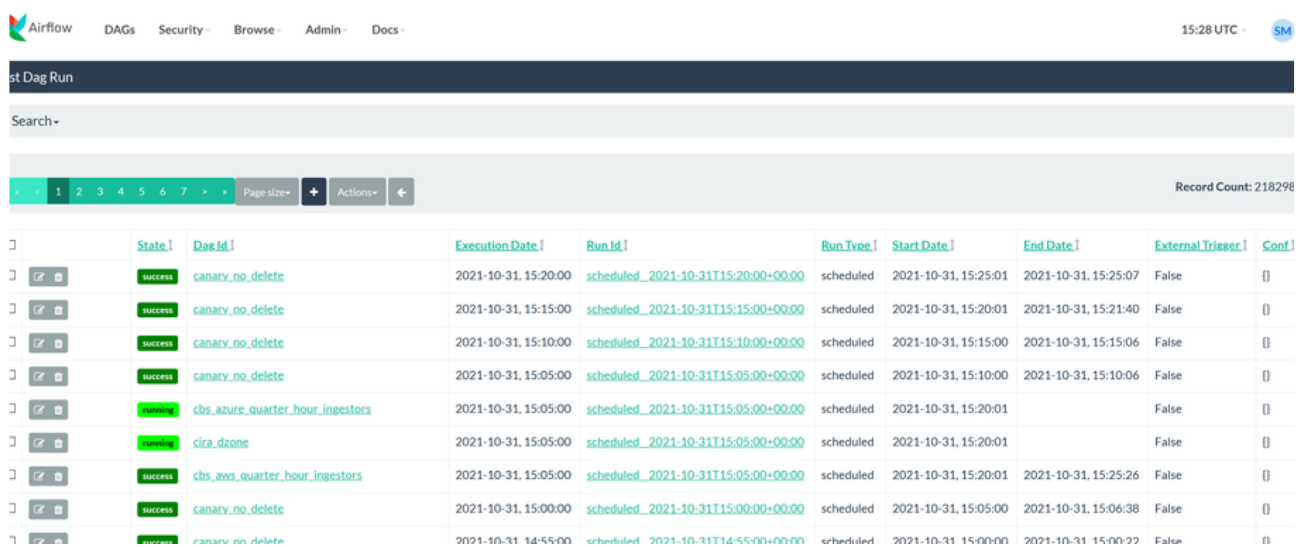
As always, if you run into any issues while following this guide, please let us know in our [Hogwarts support channel!](#)

Step-by-step

1. Navigate to the DAG run list page

From any Airflow page, click on the Menu tab “Browse” then select “DAG runs”

You should now see a page that looks like this:



State	Dag Id	Execution Date	Run Id	Run Type	Start Date	End Date	External Trigger	Conf
SUCCESS	canary_no_delete	2021-10-31, 15:20:00	scheduled_2021-10-31T15:20:00+00:00	scheduled	2021-10-31, 15:25:01	2021-10-31, 15:25:07	False	{}
SUCCESS	canary_no_delete	2021-10-31, 15:15:00	scheduled_2021-10-31T15:15:00+00:00	scheduled	2021-10-31, 15:20:01	2021-10-31, 15:21:40	False	{}
SUCCESS	canary_no_delete	2021-10-31, 15:10:00	scheduled_2021-10-31T15:10:00+00:00	scheduled	2021-10-31, 15:15:00	2021-10-31, 15:15:06	False	{}
SUCCESS	canary_no_delete	2021-10-31, 15:05:00	scheduled_2021-10-31T15:05:00+00:00	scheduled	2021-10-31, 15:10:00	2021-10-31, 15:10:06	False	{}
FAILED	cbs_azure_quarter_hour_ingestors	2021-10-31, 15:05:00	scheduled_2021-10-31T15:05:00+00:00	scheduled	2021-10-31, 15:20:01		False	{}
FAILED	cira_dzone	2021-10-31, 15:05:00	scheduled_2021-10-31T15:05:00+00:00	scheduled	2021-10-31, 15:20:01		False	{}
SUCCESS	cbs_aws_quarter_hour_ingestors	2021-10-31, 15:05:00	scheduled_2021-10-31T15:05:00+00:00	scheduled	2021-10-31, 15:20:01	2021-10-31, 15:25:26	False	{}
SUCCESS	canary_no_delete	2021-10-31, 15:00:00	scheduled_2021-10-31T15:00:00+00:00	scheduled	2021-10-31, 15:05:00	2021-10-31, 15:06:38	False	{}
FAILED	canary_no_delete	2021-10-31, 14:55:00	scheduled_2021-10-31T14:55:00+00:00	scheduled	2021-10-31, 15:00:00	2021-10-31, 15:00:22	False	{}

2. Select the DAG runs you wish to re-run by using filters

First, click on the “Search” button at the top left of the page, then click “Add Filter” to start filtering your DAG runs.

Add the following filters:

- Dag Id → “Equal to” → <insert_your_dag_id_here>
- State → “Equal to” → “failed”

If you want to target a specific date range, use the following filters:

- Execution Date → “Greater than” → <execution_date_min>
- Execution Date → “Smaller than” → <execution_date_max>

Note: You must click “Add filter” each time you want to add a new filter to your select.

Here is what your screen should look like before searching:

List Dag Run

Search

Add Filter

× Dag Id

Equal to

cbs_azure_quarter_hour_ingestors

× State

Equal to

failed

× Execution Date

Greater than

2021-10-19 17:00:00+00:00

× Execution Date

Smaller than

2021-10-31 17:00:00+00:00

Search

When you're ready, click the "Search" button to select your DAG runs.







3. Clearing the states of selected DAG runs

Now that you've successfully selected your DAG runs, you must clear their state. Be warned though, this will rerun **every** task for these DAG runs.

⚠ If you have a large amount of DAG runs to rerun, make sure to change the **page size** to 100! You can do so by using the "Page size" button in the toolbar.

To clear their state, do the following:

- Select all DAG runs in the list. You can easily do this by clicking the top left square of the list.

<input checked="" type="checkbox"/>				
		State ↑	Dag.Id ↓	
<input checked="" type="checkbox"/>	 	failed	cbs_azure_quarter_hour_ingestors	
<input checked="" type="checkbox"/>	 	failed	cbs_azure_quarter_hour_ingestors	
<input checked="" type="checkbox"/>	 	failed	cbs_azure_quarter_hour_ingestors	

- click on the "Actions" button on the list toolbar and select "Clear the state"


List Dag Run

Search

+

Actions

←

		Dag Id
<input type="checkbox"/>		
<input checked="" type="checkbox"/>		cbs_azure_qua
<input checked="" type="checkbox"/>		cbs_azure_qua
<input checked="" type="checkbox"/>		failed cbs_azure_qua

Tada! Airflow will swing into action and rerun all of these jobs.

Note: If your DAG runs very often, it can be hard to see the progress of old DAG runs as they might be hidden from the Tree & Graph views.

We suggest that you reuse the filters used above without the **State=failed** criteria to monitor their progress!