




# Quick Tour of Airflow UI

Let's discover the UI

# DAG View

 Airflow

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2018-10-09 20:37:21 UTC



## DAGs

Search:

		DAG	Schedule	Owner	Recent Tasks 	Last Run 	DAG Runs 	Links
	<input type="checkbox"/> Off	hello_world	0 15 ***	Airflow	<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>		<div><div></div><div></div><div></div></div>	<div>       </div>

«

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1

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Hide Paused DAGs

Showing 1 to 1 of 1 entries

# Graph View

The screenshot shows the Apache Airflow web interface for a DAG named 'hello\_world'. The top navigation bar includes links for DAGs, Data Profiling, Browse, Admin, Docs, and About, along with the current date and time (2018-10-09 20:37:47 UTC). The DAG is titled 'DAG: hello\_world' with the subtitle 'Your first DAG'. The 'Graph View' tab is selected, showing a simple flow from 'dummy\_task' to 'hello\_task'. The interface includes various filters and controls: a 'Base date' of '2018-10-09 00:12:16', 'Number of runs' set to '25', a 'Run' button, a 'Layout' dropdown set to 'Left->Right', and a 'Go' button. A search bar is also present. At the bottom, there are tabs for 'DummyOperator' and 'PythonOperator', and a status bar with buttons for 'success', 'running', 'failed', 'skipped', 'retry', 'queued', and 'no status'. A refresh button is located in the top right corner of the DAG view area.

Airflow DAGs Data Profiling Browse Admin Docs About 2018-10-09 20:37:47 UTC

Off DAG: hello\_world Your first DAG schedule: 0 15 \* \* \*

Graph View Tree View Task Duration Task Tries Landing Times Gantt Details Code Refresh

None Base date: 2018-10-09 00:12:16 Number of runs: 25 Run: Layout: Left->Right Go Search for...

DummyOperator PythonOperator success running failed skipped retry queued no status

dummy\_task → hello\_task

# Tree View

The screenshot shows the Apache Airflow web interface for a DAG named 'hello\_world'. The interface is in the 'Tree View' mode, which displays the DAG structure as a tree. The DAG is composed of three tasks: '[DAG]', 'hello\_task', and 'dummy\_task'. The 'hello\_task' is a child of '[DAG]', and 'dummy\_task' is a child of 'hello\_task'. The interface also includes a top navigation bar with links to DAGs, Data Profiling, Browse, Admin, Docs, and About. A sidebar on the left contains links to Graph View, Tree View, Task Duration, Task Times, Landing Times, Gantt, Details, Code, and Refresh. A search bar and a 'Base date' field are visible. A legend at the bottom right indicates the status of tasks: success (green), running (blue), failed (red), skipped (pink), retry (yellow), queued (grey), and no status (white).

**Tree View**

DAG: hello\_world Your first DAG

Graph View **Tree View** Task Duration Task Times Landing Times Gantt Details Code Refresh

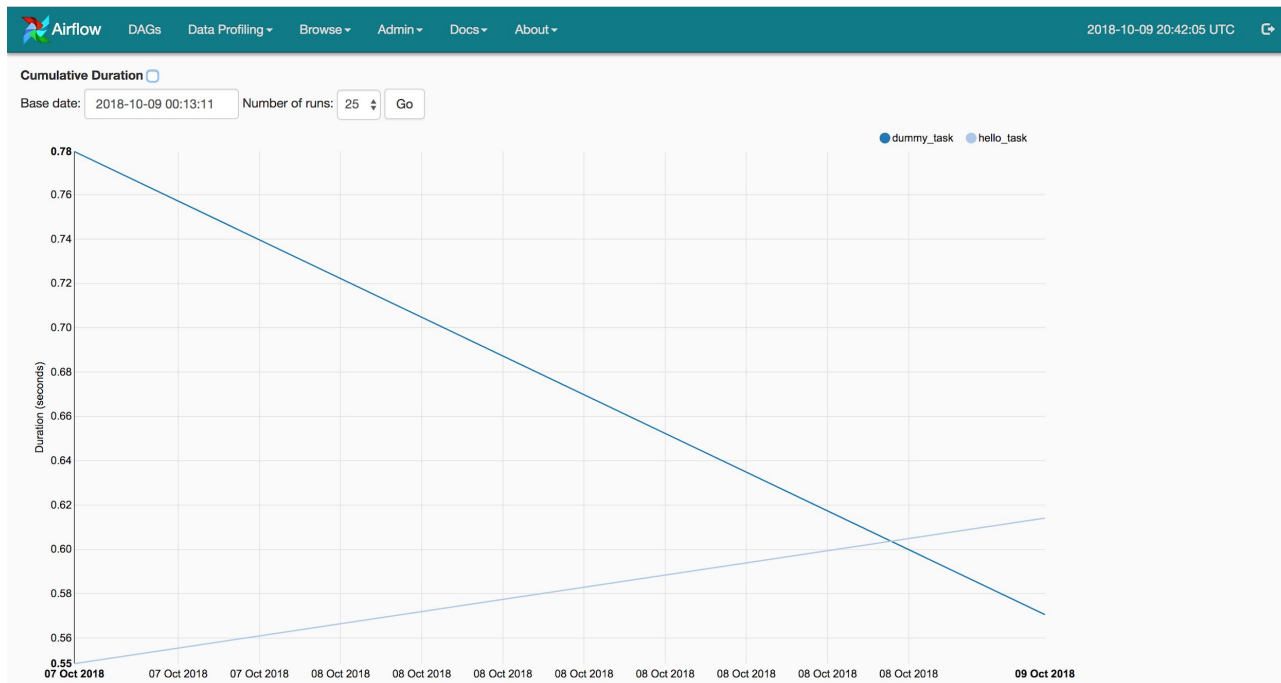
Base date:  Number of runs: 25 Go

☐ DummyOperator ☐ PythonOperator

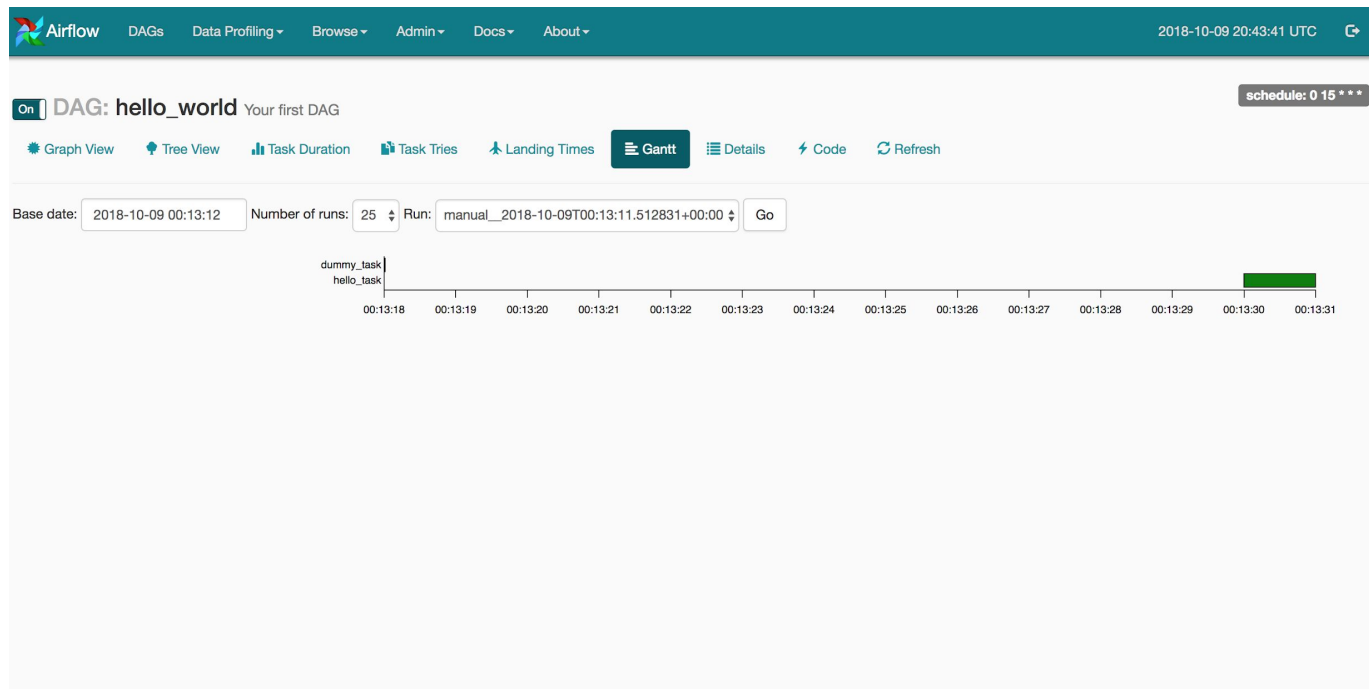
success running failed skipped retry queued no status

```
graph TD; DAG[DAG] --> hello_task[hello_task]; hello_task --> dummy_task[dummy_task];
```


# Task Duration View



# Gantt View



# Code View

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2018-10-09 20:44:00 UTC





On  **DAG: hello\_world** Your first DAG


schedule: 0 15 \* \* \*


 Graph View


 Tree View


 Task Duration


 Task Tries

 Landing Times

 Gantt

 Details

 Code

 Refresh

hello\_world


```
1 from datetime import datetime
2 from airflow import DAG
3 from airflow.operators.dummy_operator import DummyOperator
4 from airflow.operators.python_operator import PythonOperator
5
6 def print_hello():
7     return 'hello world'
8
9 dag = DAG('hello_world', description='Your first DAG',
10          schedule_interval='0 15 * * *',
11          start_date=datetime(2018, 10, 3), catchup=False)
12
13 dummy_task = DummyOperator(task_id='dummy_task', retries=3, dag=dag)
14
15 hello_task = PythonOperator(task_id='hello_task', python_callable=print_hello, dag=dag)
16
17 dummy_task >> hello_task
```

# Task Instance Context Menu

The screenshot displays the Apache Airflow web interface. At the top, the navigation bar includes links for DAGs, Data Profiling, Browse, Admin, Docs, and About, along with the current date and time: 2018-10-09 20:44:28 UTC. The main content area shows a DAG named 'hello\_world' with a 'Graph View' selected. A task instance 'dummy\_task' is highlighted, and a context menu is open over it. The menu title is 'dummy\_task on 2018-10-09T00:13:11.512831+00:00'. The menu contains several sections of buttons: 'Task Instance Details', 'Rendered', 'Task Instances', and 'View Log'; 'Run', 'Ignore All Deps', 'Ignore Task State', and 'Ignore Task Deps'; 'Clear', 'Past', 'Future', 'Upstream', 'Downstream', and 'Recursive'; and 'Mark Success', 'Past', 'Future', 'Upstream', and 'Downstream'. A 'Close' button is located at the bottom right of the menu. The background shows a task graph with 'dummy\_task' and 'hello\_task' nodes, and a status bar with various task states like success, running, failed, skipped, retry, queued, and no status.



# Variables View

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2018-10-08 21:36:26 UTC



## Variables

Choose File No file chosen

Import Variables

List

Create

Add Filter ▾

With selected ▾

Search

<input type="checkbox"/>	Key	Val	Is Encrypted
There are no items in the table.			