



從 0 成為 Apache Airflow Committer



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@Zhe-You(Jason) Liu

- Apache Airflow Committer
- LFX'25 @CNCF - Krkn
- Backend Intern @Appier
- NCKU CSIE Senior

GitHub: jason810496



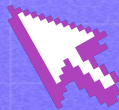
LinkedIn: zhe-you-liu

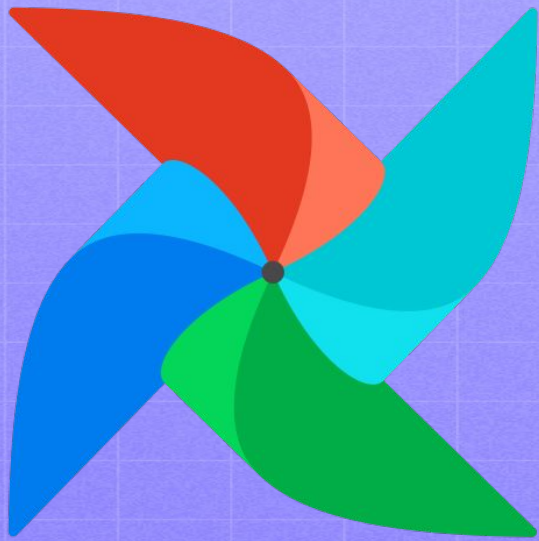




01

What is Apache Airflow?





Apache Airflow

- Most Common Data Orchestration Tool
- **40k+** stars on GitHub
- Used by over **70k** companies
 - including **Apple, Uber, LinkedIn ...**

Workflow as Code



Repo: data-pipeline

`files/dags`

`|— __init__.py`

`|— customers.py`

`|— events.py`

`|— payments.py`

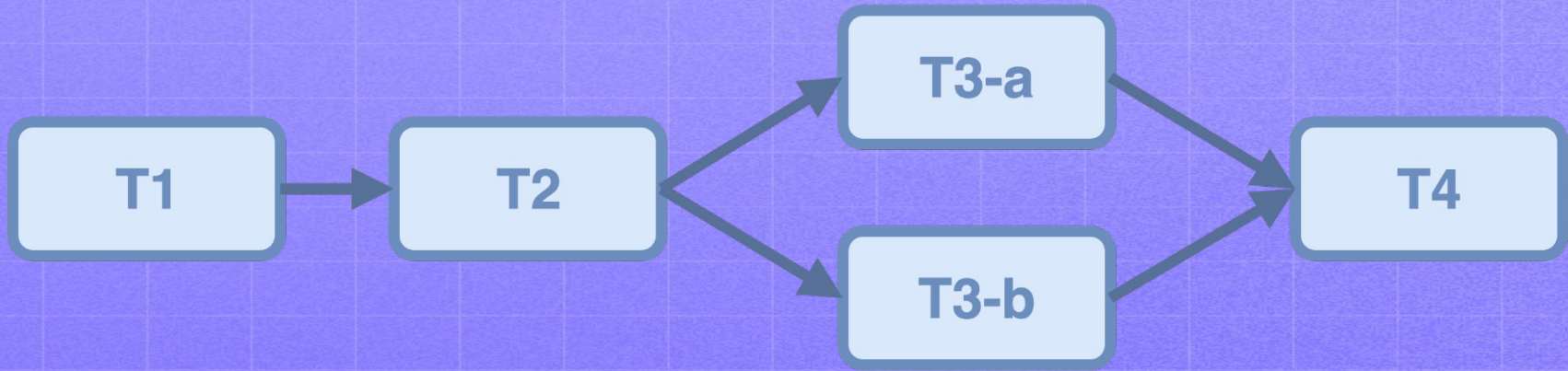
For each Dag file

`Dag(s)`

`|— Task(s)`

`|— Operator`

DAG (Directed Acyclic Graph)



1. Dag

```
from airflow.sdk import dag, task

@dag(
    schedule=None,
    start_date=pendulum.datetime(2021, 1, 1, tz="UTC"),
    catchup=False,
    tags=["example"],
)
def tutorial_taskflow_api():
```

2. Task

```
@task()
def extract():
    data_string = '{"1001": 301.27, "1002": 433.21, "1003": 502.22}'

    order_data_dict = json.loads(data_string)
    return order_data_dict

@task(multiple_outputs=True)
def transform(order_data_dict: dict):
    total_order_value = 0

    for value in order_data_dict.values():
        total_order_value += value

    return {"total_order_value": total_order_value}
```

3. Dependency

```
@task()
def load(total_order_value: float):

    print(f"Total order value is: {total_order_value:.2f}")

order_data = extract()
order_summary = transform(order_data)
load(order_summary["total_order_value"])

tutorial_taskflow_api()
```




Home



Dags



Assets



Browse



Admin



Docs



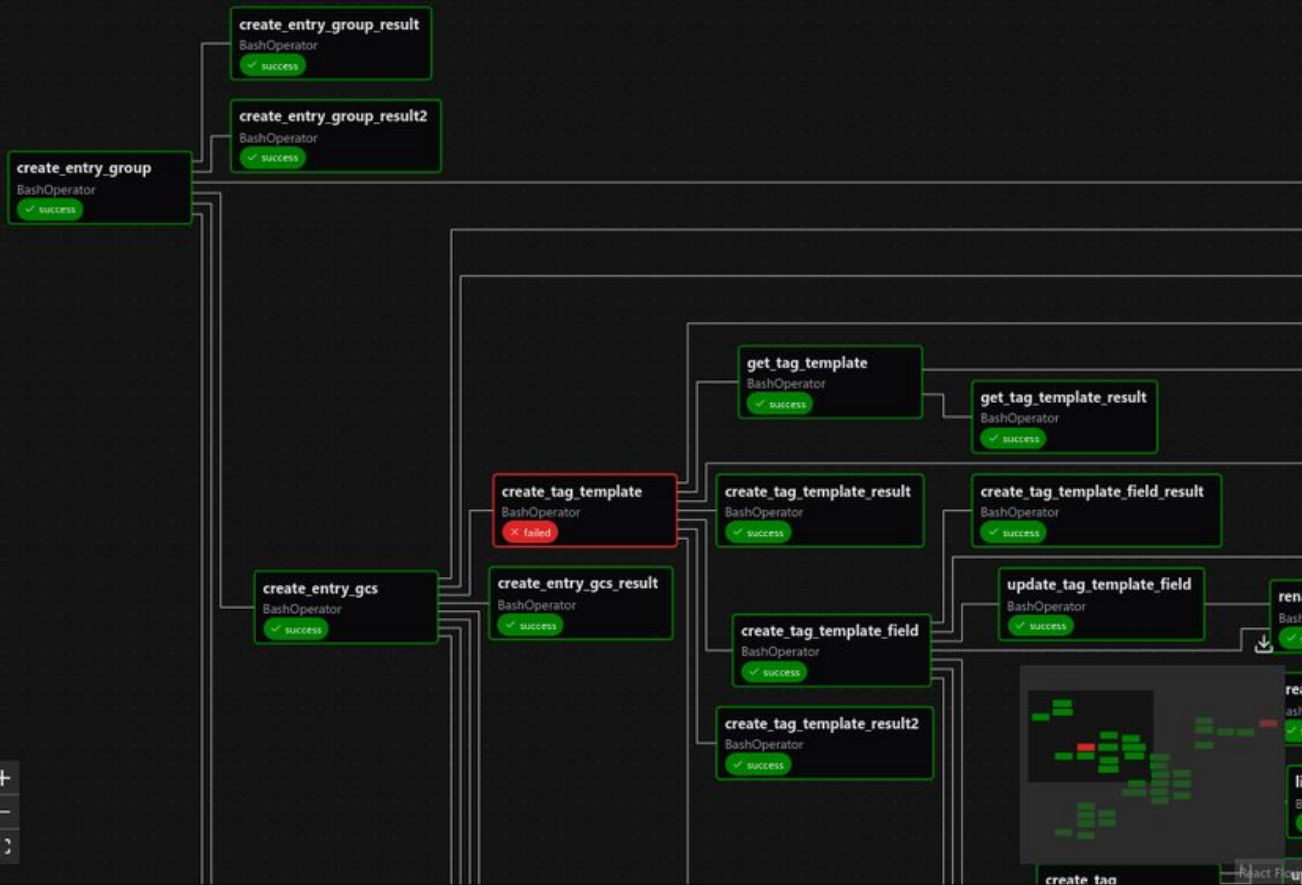
User

Dag Run
example_complex 2025-04-21, 18:50:57



Options

Search Dags Ctrl+K



2025-04-21, 18:50:57 failed

Logical Date Run Type Start

2025-04-21, 18:50:57 manual 2025-0

End Duration

2025-04-21, 19:10:32 1.06s

State failed

Run ID manual_2025-04-21T16:50:58.469

Run Type manual

Run Duration 1.06s

Last Scheduling Decision

2025-04-21, 19:10:32

Queued at 2025-04-21, 19:10:30

Start Date 2025-04-21, 19:10:31

End Date 2025-04-21, 19:10:32

Data



Home



Dags



Assets



Browse



Admin



Docs



User

Dags

Runs

Task Instances

Q Search Dags

Advanced Search

Ctrl+K

All



Failed



Running



Success

All



Filter by tag

Sort by Latest Run Start Date...



81 Dags



example_trigger_target_dag example



Schedule

Latest Run

Next Run

2025-04-21, 18:52:27



example_trigger_controller_dag example



Schedule

Latest Run

Next Run

@once

2025-04-21, 18:52:25



example_xcom_args_with_operators example



Schedule

Latest Run

Next Run

2025-04-21, 18:51:28



example_xcom example



Schedule

Latest Run

Next Run

@once

2025-04-21, 18:51:26





Dag
example_complex



Home



Dags



Assets



Browse



Admin



Docs



User



Options ▾



create_entry_group	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_entry_group_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_entry_group_result2	✓	✓	✓	✓	✓	✓	✓	✓	✓
get_entry_group	✓	✓	✓	✓	✗	✓	✓	✓	✓
get_entry_group_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_entry_gcs	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_entry_gcs_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_entry_gcs_result2	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag_template	✓	✓	✓	✓	✓	✓	✓	✗	✓
create_tag_template_field	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag_template_field_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag_template_field_result2	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag_template_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag_template_result2	✓	✓	✓	✓	✓	✓	✓	✓	✓
get_entry	✓	✓	✓	✓	✓	✓	✓	✓	✓
get_entry_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
get_tag_template	✓	✓	✓	✓	✓	✓	✓	✓	✓
get_tag_template_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
lookup_entry	✓	✓	✓	✓	✓	✓	✓	✓	✓
lookup_entry_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
update_entry	✓	✓	✓	✓	✓	✓	✓	✓	✓
update_tag_template	✓	✓	✓	✓	✓	✓	✓	✓	✓
update_tag_template_field	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
create_tag_result2	✓	✓	✓	✓	✓	✓	✓	✓	✓
list_tags	✓	✓	✓	✓	✓	✓	✓	✓	✓
list_tags_result	✓	✓	✓	✓	✓	✓	✓	✓	✓
rename_tag_template_field	✓	✓	✓	✓	✓	✓	✓	✓	✓

example_complex ☒

Reparse Dag

Schedule	Latest Run	Next Run	Owner	Tags	Latest Dag Version
	2025-04-21, 18:50:57 ✗		airflow	example3, example, example2	v1

Overview Runs Tasks Events Code Details

Last 24 hours ▾

2025-04-20, 19:19:52 - 2025-04-21, 19:19:52

3 Failed Tasks

2 Failed Runs



Recent Failed Task Logs

Wrap

✗ delete_entry 2025-04-21, 18:50:57

View full logs

✗ create_tag_template 2025-04-21, 18:50:57

View full logs

empty_1 2025-04-21, 13:11:13 ✖ failed

Operator	Start	End	Duration	DAG Version
_PythonDecoratedOperator	2025-04-21, 13:11:13	2025-04-21, 13:11:13	0.10s	v1

[Logs](#)
[Rendered Templates](#)
[XCom](#)
[Events](#)
[Code](#)
[Details](#)



```

▶ Log message source details: sources=["/root/airflow/logs/dag_id=toy_chain_linear_vs_chain_complex/run_id>manual__2025-04-21T17:11:10.873663+00:00/task_id=empty_1/a
2 [2025-04-21, 13:11:13] INFO - DAG bundles loaded: dags-folder, example_dags: source="airflow.dag_processing.bundles.manager.DagBundlesManager"
3 [2025-04-21, 13:11:13] INFO - Filling up the DagBag from /files/dags/complex.py: source="airflow.models.dagbag.DagBag"
4 [2025-04-21, 13:11:13] ERROR - Task failed with exception: source="task"
    ▼ Exception: Random failure
      File "/opt/airflow/task-sdk/src/airflow/sdk/execution_time/task_runner.py", line 825 in run
      File "/opt/airflow/task-sdk/src/airflow/sdk/execution_time/task_runner.py", line 1088 in _execute_task
      File "/opt/airflow/task-sdk/src/airflow/sdk/bases/operator.py", line 408 in wrapper
      File "/opt/airflow/task-sdk/src/airflow/sdk/bases/decorator.py", line 251 in execute
      File "/opt/airflow/task-sdk/src/airflow/sdk/bases/operator.py", line 408 in wrapper
      File "/opt/airflow/providers/standard/src/airflow/providers/standard/operators/python.py", line 212 in execute
      File "/opt/airflow/providers/standard/src/airflow/providers/standard/operators/python.py", line 235 in execute_callable
      File "/opt/airflow/task-sdk/src/airflow/sdk/execution_time/callback_runner.py", line 81 in run
      File "/files/dags/complex.py", line 39 in empty_1
5 [2025-04-21, 13:11:13] INFO - Task instance is in running state: chan="stdout": source="task"
6 [2025-04-21, 13:11:13] INFO - Previous state of the Task instance: queued: chan="stdout": source="task"
7 [2025-04-21, 13:11:13] INFO - Current task name:empty_1: chan="stdout": source="task"
8 [2025-04-21, 13:11:13] INFO - Dag name:toy_chain_linear_vs_chain_complex: chan="stdout": source="task"
9 [2025-04-21, 13:11:13] INFO - Task instance in failure state: chan="stdout": source="task"
10 [2025-04-21, 13:11:13] INFO - Task start: chan="stdout": source="task"
11 [2025-04-21, 13:11:13] INFO - Task:<Task(_PythonDecoratedOperator): empty_1>: chan="stdout": source="task"
12 [2025-04-21, 13:11:13] INFO - Failure caused by Random failure: chan="stdout": source="task"

```

What Problems Does Apache Airflow Solve?

1. Integration with Data Ecosystems
2. Retry-ability of Workflows
3. Workflow Observability

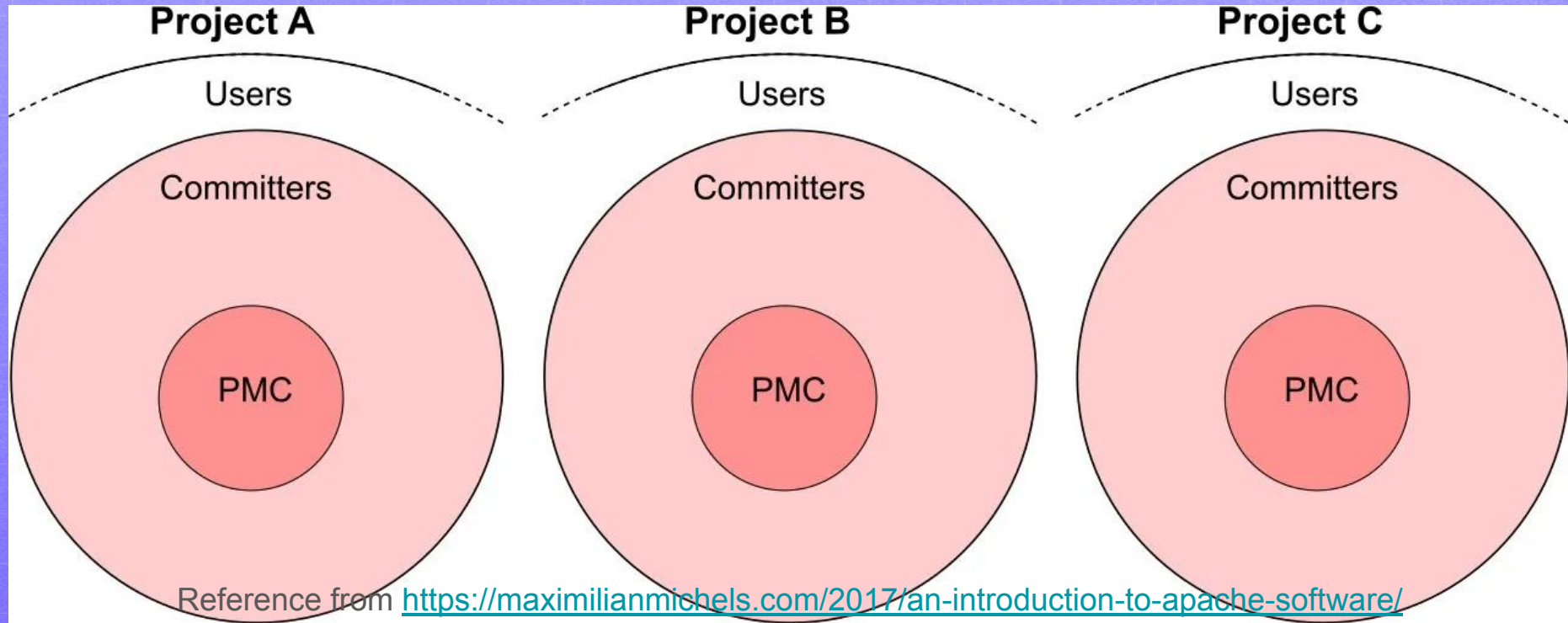
Significantly reduce operational workload

Wait, What is “Apache”?



THE
APACHETM
SOFTWARE FOUNDATION

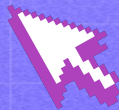
Introduction to the ASF





02

Why Contribute to Open Source?



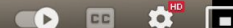
master.terry.chen



我們要來跟大家介紹一下開源



0:55 / 13:48



怎麼直接從國內拿美國工程師Offer



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Andrej Karpathy: Software in the era of AI
Y Combinator
1.8M views · 1 month ago

https://youtu.be/dRs2QO6yRMk?si=o3ph66eneIng_289



源來適你

2024年10月4日 · 🌐

...

剛剛 Kafka 會議時突然發現，竣陽 也進入前十大活躍貢獻者的榜單了！

只要好好做，社群都會看到 😊

<https://github.com/apache/kafka/blob/trunk/.asf.yaml#L35>

```
23
24     # This list allows you to
25     # Read more here: https://
26     github:
27         collaborators:
28             - AndrewJSchofield
29             - apoorvmittal10
30             - brandboat
31             - dongnuo123
32             - frankvicky
33             - FrankYang0529
34             - kirktrue
35             - mla2st
36             - nizhikov
37             - OmniaGM
```

OpenSource4You

源來適你

There are **4 Taiwanese**
contributors among the **top 10**
collaborators of **Apache Kafka!**

Why Apache Airflow?

1. Written in **Python!**
2. **Ranked as the 4th most popular project in the ASF**
3. **Over 40k stars on GitHub**
4. **Widely used in Data Engineering**

Benefits of Contributing to OSS

- **Coding skills**
 - Design Patterns, Unit Test, Code Review
- **System Level Design**
- **Career Opportunities (?)**

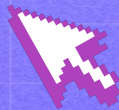
Benefits of Contributing to OSS

- Collaborate with **top contributors over the world**
 - Communication Skills
 - Design Documentation



03

From First PR to Committer



The First PR

Fix PythonOperator DAG error when DAG has hyphen in name #42902

[Edit](#)[Code](#)[Merged](#)Lee-W merged 5 commits into `apache:main` from `jason810496:fix/python-operator-dag-error-dag-with-hyphen` on Oct 13, 2024[Conversation](#) 22[Commits](#) 5[Checks](#) 82[Files changed](#) 2

+19 -1



jason810496 commented on Oct 10, 2024

Member

...

closes: [#42796](#)

After reproducing the issue, I found that the generated DAG file looks like this:

```
import types

unusual_prefix_3f65a6a886883f41209c142108053b32fdbaf99_my-dag = types.ModuleType("unusual_prefix_3f65a6a886883f41209c142108053b32fdbaf99_my-dag")

unusual_prefix_3f65a6a886883f41209c142108053b32fdbaf99_my-dag.callable_virtualenv = callable_virtualenv

sys.modules["unusual_prefix_3f65a6a886883f41209c142108053b32fdbaf99_my-dag"] = unusual_prefix_3f65a6a886883f41209c142108053b32fdbaf99_my-dag

# ...
```

Replace the hyphen with dash in original module name to solve this issue.



1



1

Reviewers

josix

Lee-W

shahar1

Assignees

No one—[assign yourself](#)

Labels

[type:bug-fix](#)

Projects

None yet

Milestone

Airflow 2.10.3



boring-cyborg bot commented on Oct 10, 2024

...

API Server Refactor

☐  **AIP-84 | Add Auth for Log** ✓ AIP-84 area:API area:UI

#47302 by jason810496 was merged on Mar 11 • Approved

☐  **AIP-84 | Add Auth for Job** ✓ AIP-84 area:API

#47271 by jason810496 was merged on Mar 11 • Approved

☐  **AIP-84 | Add Auth for Import Error** ✓ AIP-84 area:API area:UI

#47270 by jason810496 was merged on Mar 17 • Approved

☐  **AIP-84 | Add Auth for Extra Link** ✓ AIP-84 area:API area:UI full tests needed

#47251 by jason810496 was merged on Mar 7 • Approved

☐  **AIP-84 | Add Auth for Event Logs** ✓ AIP-84 area:API area:UI

#47246 by jason810496 was merged on Mar 6 • Approved

☐  **AIP-84 | Add Auth for Variable** ✓ AIP-84 area:API area:UI

#47211 by jason810496 was merged on Mar 4 • Approved

☐  **AIP-84 | Add Auth for Config** ✓ AIP-84 area:API area:UI full tests needed

#47208 by jason810496 was merged on Mar 7 • Approved

☐  **AIP-84 | Add Auth for Dags** ✓ AIP-84 area:API area:UI

#47062 by jason810496 was merged on Mar 5 • Approved

Authn & Authz for API Server

  pierrejeambrun added good first issue on Sep 21, 2024

 jason810496 on Oct 22, 2024 Member ...

Hi @pierrejeambrun, could you please assign this ticket to me? Thanks!



 pierrejeambrun on Oct 22, 2024 Member Author ...

Hello @jason810496,

There has been some update on this one, it is not well scoped and depends on the work that Vincent is doing on the FABAuthManager and JWT backend. I do not recommend to take this one at this point. Removing the good first issue tag



  pierrejeambrun removed good first issue on Oct 22, 2024

 jason810496 on Oct 22, 2024 Member ...

Gotcha, I will take other tickets. Thanks !



Authn & Authz for API Server



pierrejeambrun on Feb 24

Member

Author



This is now unblocked since [#44884](#) has been implemented. We can start implementing the permissions for different endpoints.



pierrejeambrun on Feb 24

Member

Author



[@jason810496](#) if you still have some interest for this let me know so I can assign you :)



jason810496 on Feb 24

Member



[@jason810496](#) if you still have some interest for this let me know so I can assign you :)

Sure! I can work on this issue, I will look into the context tomorrow then ask if I not sure about the details.

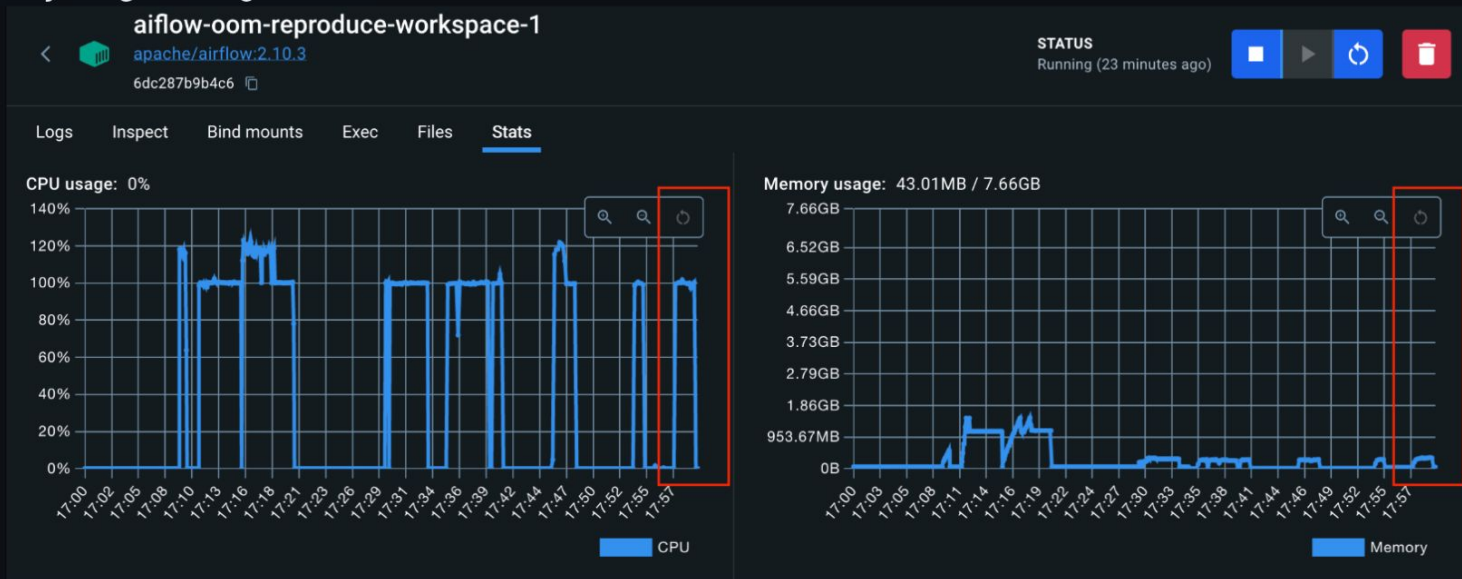


Resolve OOM when reading large task logs

✓ Closed Resolve OOM when reading large logs in webserver #45079

- POC (Refactored Implementation):

- Memory Usage: Average 300MB.



It took **half a year** to get merged!

Resolve OOM when reading large task logs



potiuk on Dec 20, 2024

Member



I think it would be a great idea to review and make it "common" and reused accross the components. Also we have another, related discussion about logging in [#45079](#) where a solutions is proposed to handle both - streaming logs and serving logs after task is completed - with regards to OOM issues.

Currently we merge and store logs in memory which - in some situations might in some situations lead to OOMs. And some refactoring and restructuring of the logging mechanism might be necessary to handle things better.

I think both of you [@mrk-andreev](#) and [@jason810496](#) are very well skilled and prepared to handle that - under [@dstandish](#) [@eladkal](#) (and a little of mine) guidande and mentoring, so if you both work on this together to get both sides of logging improved.

I know it's not directly the same issue, but having a small team of skilled people to focus on both and collaborate, might be a great idea.

[@dstandish](#) - WDYT? Having the three of maintainers here to overlook it while Mark and LIU ZHE YOU work on those, might be a good idea to distract from other Airflow 3 streams?



70+ Pull Requests

Filters ▾

Q is:merged is:pr author:jason810496

✕ Clear current search query, filters, and sorts

 76 Total

Author ▾

Label ▾

Proje

 **Fix k8s flaky test - JWT secret might be different** ✕ full tests needed

#47765 by jason810496 was merged 19 hours ago • Approved

 **AIP-84 | Add UI Auth Links Endpoint** ✓ area:API area:UI

#47662 by jason810496 was merged 2 days ago • Approved

 **Fix Breeze K8s: Patch ConfigMap [api/base_url] with Port-Forwarded Host Port** ✓

#47544 by jason810496 was merged last week • Approved

 **AIP-84 | Add Auth for Dags** ✓ area:API full tests needed

#47433 by jason810496 was merged 4 days ago • Approved

 **AIP-84 | Fix test_python_client after Adding Permission to API** ✓ area:API

#47388 by jason810496 was merged last week • Approved

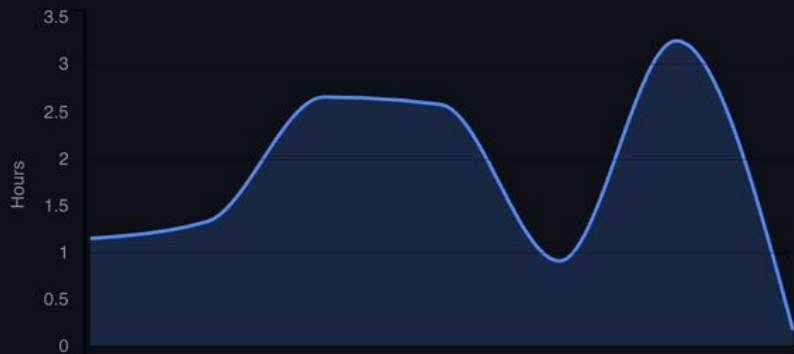
300 Hours in 5 months

Projects • airflow

total 301 hrs 46 mins



11 hrs 59 mins over the Last 7 Days in airflow under all branches. ☁



avg 2 hours per day



New committers: Shubham Raj, Buğra Öztürk, **LIU ZHE YOU**, Kalyan Reddy !

Hello everyone,

Wooo Hooo Hooo!

In the midst of the Airflow 3 frenzy we had the opportunity to get a lot of contributions. And we had time to discuss who is ready to become a committer.

The Project Management Committee (PMC) for Apache Airflow has invited 4(!) of the contributors:

- * Shubham Raj ((shubhamraj-git)
- * Buğra Öztürk (bugraoz93)
- * LIU ZHE YOU (jason810496)
- * Kalyan Reddy (rawwar)

to become committers and we are pleased to announce that they have all accepted.

Please join us in welcoming Shubham, Buğra, LIU ZHE YOU, Kalyan to their new role and responsibility in our project community.

Jarek

On behalf of the Apache Airflow PMC

Your own Apache email address!



Project:	Committer:	Podling:	Service:	Auth:	(About)
Find: airflow	jasonliu	Podling name	Service name	Auth name	

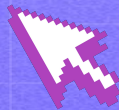
Search results:

Zhe You Liu (jasonliu) :



04

Getting Started with Airflow Contributions



Setup Airflow Dev Env with 1 Step - Breeze

```
> uv tool install -e ./dev/breeze  
Resolved 112 packages in 842ms  
Audited 112 packages in 1ms  
Installed 1 executable: breeze
```

```
> breeze --python 3.10 --backend postgres  
Docker image build is not needed for CI build as no important files are changed!  
Good version of Docker: 27.4.0.  
Good version of docker-compose: 2.31.0  
Executable permissions on entrypoints are OK
```

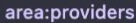
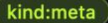
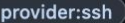
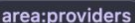
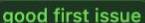
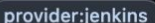
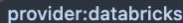
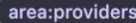
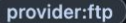
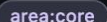
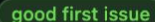
How to find Issues to Resolve?

1. Look for "Good First Issue" labels
2. Recent Issues and Pull Requests
3. Apache Airflow Slack
4. Airflow Improvement Proposals (AIPs)
5. Dev mailing list discussions

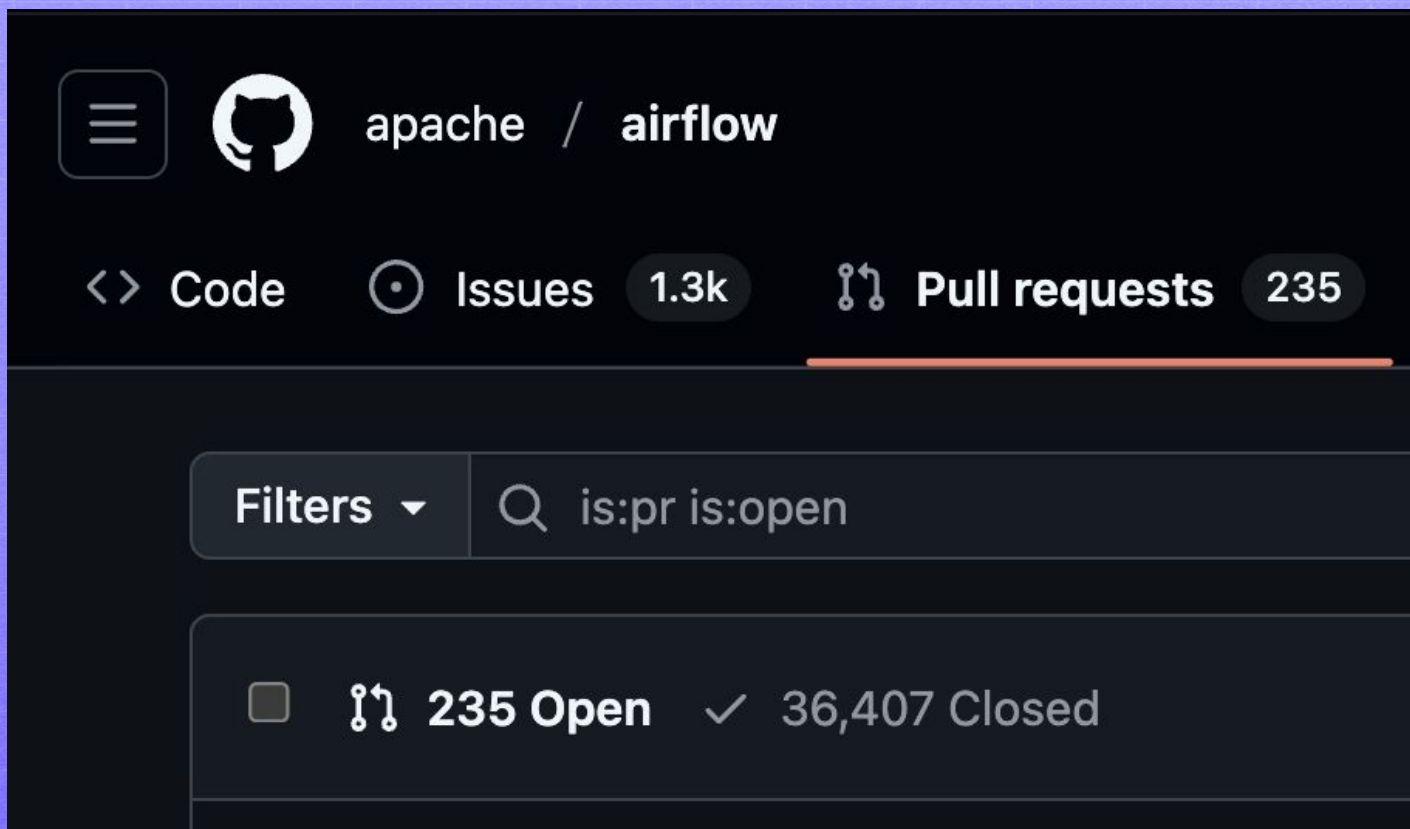
1. Good First Issue

state:open label:"good first issue"    Labels  Milestones

Open 285 Closed 1,808 Author ▾ Labels ▾ Projects ▾ Mil

- **Remove/Replace DSSKey references from Airflow**     
#54079 · amoghrajesh opened yesterday
- **Handle get_queue_info todo in JenkinsJobTriggerOperator**    
#54067 · eladkal opened 2 days ago
- **on_failure_callback not triggered when DatabricksRunNowOperator fails**    
#54023 · maroskooh opened 4 days ago
- **Add encoding parameter to FTP connection**      1
#54015 · amoskaliov opened 4 days ago
- **UI - Connection Form issue when submitting a string for extra json.**      1
#53963 · pierrejeambrun opened 5 days ago  Airflow 3.0.5
- **UI - Connection Form Extras not inferring the correct type**   
#53961 · pierrejeambrun opened 5 days ago  Airflow 3.0.5

2. Recent Issues and Pull Requests



The screenshot shows the GitHub interface for the Apache Airflow repository. At the top, there is a navigation bar with a hamburger menu icon, the GitHub logo, and the repository name "apache / airflow". Below this, there are tabs for "Code", "Issues" (with a count of 1.3k), and "Pull requests" (with a count of 235). The "Pull requests" tab is currently selected and highlighted with an orange underline. Below the tabs, there is a search bar with the text "is:pr is:open" and a "Filters" dropdown menu. At the bottom, there is a summary bar showing a checkbox icon, a pull request icon, the text "235 Open", a checkmark icon, and the text "36,407 Closed".

☰  apache / airflow

<> Code  Issues 1.3k  Pull requests 235

Filters  is:pr is:open

☐  235 Open ✓ 36,407 Closed

3. Apache Airflow Slack

The screenshot displays the Apache Airflow Slack workspace. The left sidebar contains navigation icons for Home, Messages, Activity, and Archived, along with a search bar. The main area shows the #contributors channel with a list of topics on the left and a message history on the right. The message history includes a post by David Blain asking about timezone packaging and a post by Iliya Romm asking questions about the FAB version testing process.

Apache Airflow Slack Interface:

- Search Bar:** 搜尋 Apache Airflow Community
- Channel List (Left Sidebar):**
 - # airflow-3-ui
 - # airflow-aws
 - # airflow-azure
 - # airflow-breeze
 - # airflow-creative
 - # airflow-gcp
 - # airflow-kubernetes
 - # airflow-meetups
 - # airflow-upgrades
 - # airflowsummit-speakers
 - # announcements
 - # blogposts
 - # contributors
- Channel Header:** # contributors
- Message History:**
 - Message 1:** 1 則回覆 今天 下午 1:06
 - Message 2:** David Blain 下午 3:21
Why is the packaging of share timzone with undersc (airflow._shared)? This is weird and confussing and P
 - Message 3:** 6 則回覆 今天最後回覆：晚上 7:09
 - Message 4:** Iliya Romm 晚上 7:59
@Jarek Potiuk I have several FAB-related questions
 - 1. How does new FAB version testing work (ref: a9 FAB dev?)
 - 2. What are the acceptance criteria for a new FAB
 - 3. What stopped you from merging a8 (even if targ
 - Message 5:** 6 則回覆 今天最後回覆：晚上 9:08

4. Airflow Improvement Proposals (AIPs)

 Confluence Spaces ▾

 Airflow

Pages

SPACE SHORTCUTS

File lists

Airflow Improvement Pro...

Airflow 3 Workstreams

Airflow 3.0

Archives

PAGE TREE

▸ Airflow 3.0

▸ Airflow 3.x

▼ **Airflow Improvement Prop...**

▸ Abandoned or Replaced

▸ Completed

• AIP-30: State persistence

• AIP-57 Refactor SLA Featu

• AIP-59 Performance tests

• AIP-62 Getting Lineage fr

• AIP-67 Multi-team deploy

• [WIP] AIP-70 Migrating to

• AIP-71 Generalizing DAG L

▸ AIP-72 Task Execution Inte

▸ AIP-73 Expanded Data Aw

Space tools <<

Pages / Airflow Home

Airflow Improvement Proposals

Created by Bolke de Bruin, last modified by Jarek Potiuk on Dec 22, 2024

The purpose of an Airflow Improvement Proposal (AIP) is to introduce any major change to Apache Airflow. This is required in order to balance the need to support new features, use cases, while avoiding accidentally introducing half thought-out interfaces that cause needless problems when changed.

What is considered a major change that needs an AIP?

Any of the following should be considered a major change:

- Any major new feature, subsystem, or piece of functionality
- Any change that impacts the public interfaces of the project

What are the "public interfaces" of the project? All of the following are public interfaces that people build around:

- Airflow DAG DSL components: DAG, XCom, TaskInstance and context.
- Web UI
- Core operators (BaseOperator, SubDagOperator, SensorOperator)
- [Airflow 2.0] REST endpoints
- Command line tools and arguments

Proposal lifecycle

Discuss

Most proposals start with an idea. If you have an idea of how Airflow could improve, we encourage you to send an email to dev@airflow.apache.org with a subject starting with *[DISCUSS]*. This email thread will allow you to gather early feedback. We encourage you to start a *Draft* document or share a Google Document with the mailing list detailing your proposal. Use AIP template here to file details on your proposal.

Draft

Anyone is welcome to propose a new Improvement to Airflow. You will need to request edit access to the Confluence page in order to create your AIP document. You can do so by requesting your account here <https://selfserve.apache.org/confluence-account.html>

Create new AIP

5. Dev mailing list discussions

t.html?dev@airflow.apache.org

list...   Available projects (389): 

dev@airflow.apache.org, past month: 

dev	commits	jobs	users
	Ash Berlin-Taylor	[VOTE] Release Airflow 3.0.4 from 3.0.4rc1 & Task SDK 1.0.4 from 1.0.4rc1 Hey fellow Airflowers, The release candidates for *Apache Airflow 3.0.4rc1* and *Task SDK 1.0.4rc1* are r	
	Christos Bisias	Metrics PR review Hello, Is there anyone familiar with metrics that might be interested to take a look at this PR? https://github.com	
	Shahar Epstein	[DISCUSS] Dutch locale is being outdated for 2 consecutive releases Hey everyone, I'd like to point out that the Dutch locale has been out of sync for quite a while - less than	
	Jarek Potiuk	[DISCUSS] Merging cherry-picked PRs when green (and actually doing it) Hello here, I think we (including myself) dropped the ball a bit when cherry-picking some of the last week	
	Christos Bisias	[DISCUSS] Scheduler does unnecessary processing when there are very large scheduled dags Hello, The scheduler is very efficient when running a large amount of dags with up to 1000 tasks each. B	
	haicheng zhang	Proposal: Add Apache SeaTunnel Provider Integration Dear Airflow Developer Community, Hello! We have completed the initial implementation of the Apache S	
	Josef Šimánek	[DISCUSS] Best practices for initializing `ObjectStoragePath` Hi everyone, I've been experimenting with `ObjectStoragePath` and recently opened a [PR](https://github.com	
	Sumit Maheshwari	[DISCUSS] AIP-92 Isolate DAG parsing logic Hello everyone, I have created a draft version to separate the running of DAG processor from Airflow's co	
	Dev iL	[DISCUSSION] "Freshness" in Multi-Asset Dag Triggering Conditions	

Note for Using AI to Contribute

- Yes!
- Human-driven, AI-friendly tooling
 - Quality Through Collaboration

[AI and Open Source: Expanding Apache Airflow's Global Impact Through Collaboration](#)

How to become a Committer?

- **Contribute consistently**
- **Participate in discussions**
- **Get noticed by the community**

How to become a Committer?

- **Contribute consistently**
- **Participate in discussions**
- **Get noticed by the community**

Demonstrate your impact!

OpenSource4You (源來適你)



- Mentor of #apache-airflow
- Bi-weekly Meetings

Facebook: [opensource4you](https://www.facebook.com/opensource4you)



OpenSource4You (源來適你)

俗話說的好「有人 code review 的孩子像個寶」。
。每每覺得自己程式寫的很糟簡直是一坨，看著
開源前輩們溫柔的 code review，彷彿聽到他們
說「傻孩子，你寫的程式，並沒有你想的
那麼好」，砥礪我繼續精進

李唯 / Astronomer



Community Over Code



Community Over Code - Code Review



pierrejeambrun reviewed on Nov 12, 2024

pierrejeambrun left a comment

Nice.

A few suggestions but looking good.



`airflow/api_fastapi/core_api/routes/public/config.py` Outdated

`airflow/api_fastapi/core_api/routes/public/config.py` Outdated

Community Over Code - Meme

Remove old UI and webserver #46942

Merged jedcunningham merged 55 commits into `main` from `remove-legacy-ui` 3 weeks

Conversation 76 Commits 55 Checks 148 Files changed 50



bbovenzi commented last month



Try to strip out as much of the old webserver and UI as possible for AIP-79.



rawwar last week · edited by rawwar

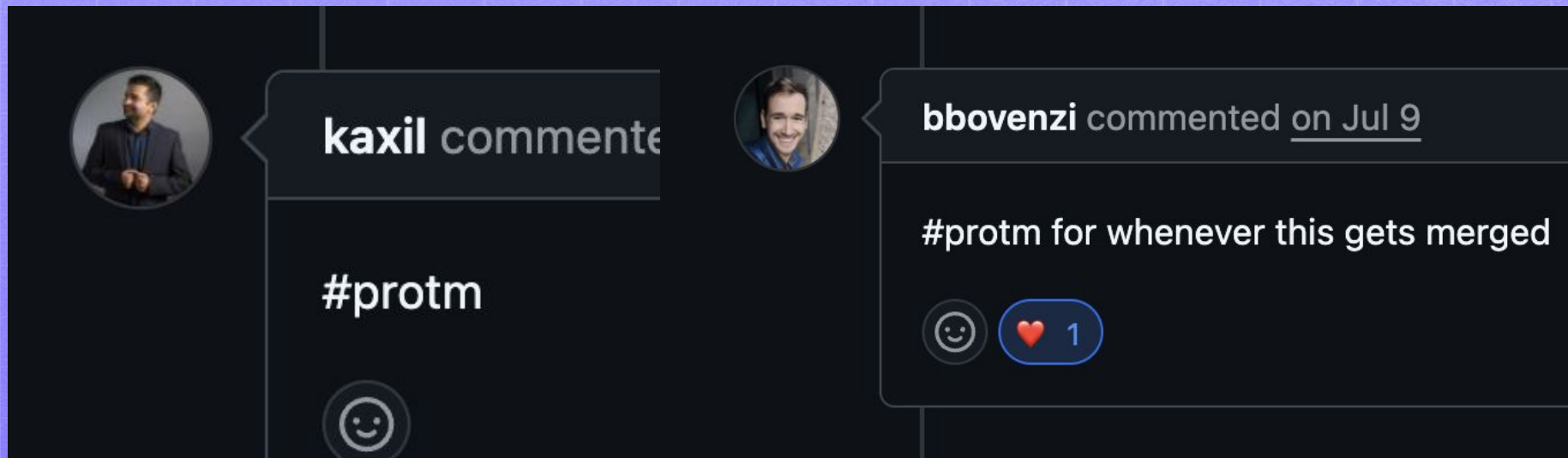
The DAG-related blocker [#47433](#) has just been resolved!



Great job [@jason810496](#), [@Lee-W](#)



CommunityOverCode - Airflow Town Hall



#protm → PR of The Month

CommunityOverCode - Airflow Town Hall

docs.google.com/presentation/d/1SItB5LHliqJyAjBOBf7aiLNXSX6wsoQ04TGe6jjerSw/edit?slide=id.g36b99649bb9_0_21#slide=id.g36b99649bb9_0_21

08.08.25 Deck Airflow Monthly Virtual Town Hall

File Edit View Insert Format Slide Arrange Tools Extensions Help

Background Layout Theme Transition

PR #49470
Resolve OOM When Reading Large Logs in Webserver

With **Zhe You Liu**, Data Backend Intern at Apptio & Apache Airflow Committer

10 PR #49470
Resolve OOM When Reading Large Logs in Webserver

11 What problem does this PR solve?

12 Desperate Situation - Negative for Airflow Users

13 Before: Explicitly Read + Stream logs

14 After: Streaming Read + K8s log storage

15 Benchmark results

Zhe-You(Jason) Liu

Briana Steel

Amogh Desai

Jarek Potiuk

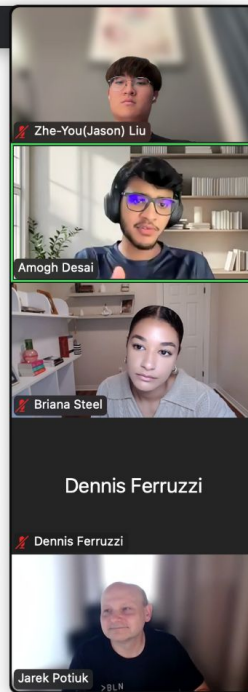
Dennis Ferruzzi

CommunityOverCode - Airflow Town Hall

This meeting is being recorded. It's also being transcribed for AI Companion. ⓘ

What's happening?

- Community Initiatives
 - MyPy warning cleanup across codebase
 - Unreachable code removal
 - UI/API filtering improvements (ongoing)
- Discussions
 - Version specifiers for pyproject.toml (~= specifier removed)
 - Test assertion style: pytest native vs unittest style
 - Removing postgres from Airflow Helm Charts
 - Merging cherry picked PRs to v3-0-test before release



Audio

Video

Participants 45

Chat

React

Share

AI Companion

Meeting Info

Apps

Show captions

More

Leave

Welcome to the Apache Airflow Community!



Apache
Airflow

Thank You! Any Questions?

GitHub: jason810496



LinkedIn: zhe-you-liu

