Future of the Airflow UI

2023 Update

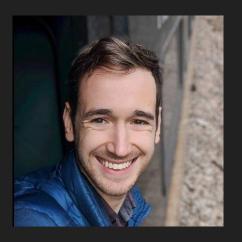
Who?

Brent Bovenzi

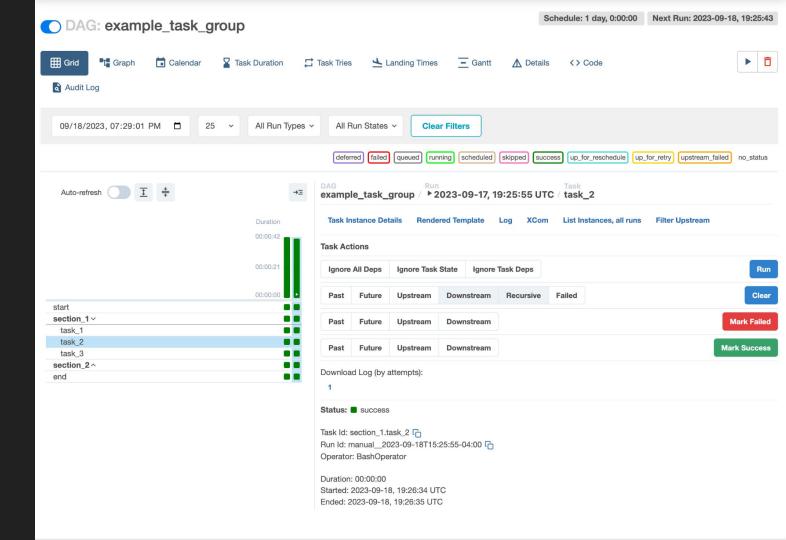
Based in NYC

Airflow committer

Frontend developer at Astronomer



Replaced tree view with grid view

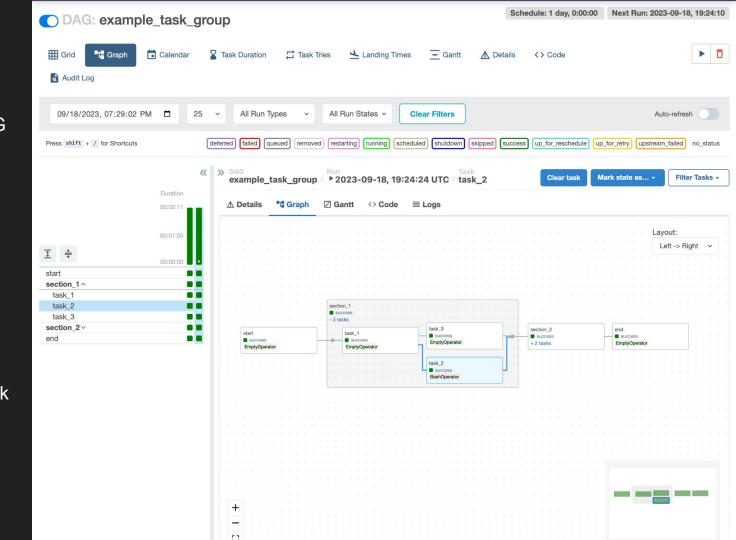


Side-by-side with:

- Graph
- Gantt
- Logs
- Code
- Task/run actions

New features:

- run and task notes
- marking and clearing task groups
- Cluster Activity page



What's next?

A few ideas in the works:

- Move the entire DAG page over to react
- Redo the DAGs list page in react
- Better links between DAG dependencies
- Dark and color blind modes
- View a task "row" across runs in grid view
- Cross DAG views

What do you want to see?

Better graph node colors

Dag specific view permissions

Warning state for dag runs

Highlight dag edge branch path

Improve audit logs

See more runs for tasks/runs

Bulk actions

Advanced tooltip for rendered templates

Xcom secrets

Dag versioning

Custom rendered templates

More responsive layout views

Community contributions to the Airflow UI

Open a Github Issue for bugs, features and ideas

Look for "good first issue" tags

Reach out on Slack

Special thanks to: @pierrejeambrun, @tirkarthi, @adaverse, @tquazi, @jorricks, & many others!