

apache / airflow Public[Code](#) [Issues](#) 1.2k [Pull requests](#) 482 [Discussions](#) [Actions](#) [Projects](#)

Improve xcom value handling in extra links API #61641

Merged [potiuk](#) merged 1 commit into [apache:main](#) from [amoghrajesh:operator-links-api-sa...](#) on Feb 9

[Conversation](#) 1 [Commits](#) 1 [Checks](#) 128 [Files changed](#) 2



amoghrajesh commented on Feb 8

Contributor

Was generative AI tooling used to co-author this PR?

No

Updating the extra links API to now use stringify to convert XCom values to human-readable format while trying to get a link in "details" page of a task, consistent with the XCom API endpoint behavior. This ensures proper handling of complex serialized values which can be pushed as operator extra links and makes the API robust when rendering operator links in the UI.

Previously, the extra links endpoint used full deserialization which could cause validation errors with certain xcom value types. The new approach safely converts values to strings, matching the pattern established in the xcom API recently: https://github.com/apache/airflow/blob/main/airflow-core/src/airflow/api_fastapi/core_api/routes/public/xcom.py#L112-L134

- Read the [Pull Request Guidelines](#) for more information. Note: commit author/co-author name and email in commits become permanently public when merged.
- For fundamental code changes, an Airflow Improvement Proposal ([AIP](#)) is needed.
- When adding dependency, check compliance with the [ASF 3rd Party License Policy](#).
- For significant user-facing changes create newsfragment: `{pr_number}.significant.rst` or `{issue_number}.significant.rst`, in [airflow-core/newsfragments](#).

1

[Improve xcom value handling in extra links API](#) ✓ [f3b1cbb](#)

amoghrajesh requested review from **ashb** and **bolkedebruin** as [code owners](#) [2 months ago](#)

boring-cyborg Bot added area:API area:DAG-processing labels [on Feb 8](#)

amoghrajesh requested review from **pierrejeambrun** and **potiuk** and removed request for **bolkedebruin** [2 months ago](#)

amoghrajesh self-assigned this [on Feb 8](#)

amoghrajesh removed the area:DAG-processing label [on Feb 8](#)

amoghrajesh added this to the **Airflow 3.1.8** milestone [on Feb 8](#)

potiuk approved these changes [on Feb 8](#)

[View reviewed changes](#)

potiuk left a comment Member

Nice

potiuk merged commit **01ac969** into apache:main [on Feb 9](#) [View details](#)
129 checks passed

Ratasa143 pushed a commit to Ratasa143/airflow that referenced this pull request [on Feb 15](#)

[Improve xcom value handling in extra links API \(apache#61641\)](#) [972ed4c](#)

choo121600 pushed a commit to choo121600/airflow that referenced this pull request [on Feb 22](#)

[Improve xcom value handling in extra links API \(apache#61641\)](#) [fc11462](#)

AkshayArali pushed a commit to AkshayArali/airflow_630 that referenced this pull request [on Feb 27](#)



[Improve xcom value handling in extra links API \(apache#61641\)](#)

[8097cdd](#)



vatsrahul1001 modified the milestones: **Airflow 3.1.8**, **Airflow 3.2.0** on [Mar 3](#)



Subham-KRLX pushed a commit to Subham-KRLX/airflow that referenced this pull request on [Mar 4](#)



[Improve xcom value handling in extra links API \(apache#61641\)](#)

[03aa9ca](#)



dominikhei pushed a commit to dominikhei/airflow that referenced this pull request on [Mar 11](#)



[Improve xcom value handling in extra links API \(apache#61641\)](#)

[12883b1](#)



vatsrahul1001 modified the milestones: **Airflow 3.2.0**, **Airflow 3.1.9** on [Mar 12](#)



Ankurdeewan pushed a commit to Ankurdeewan/airflow that referenced this pull request on [Mar 15](#)



[Improve xcom value handling in extra links API \(apache#61641\)](#)

[052e3a5](#)



radhwene pushed a commit to radhwene/airflow that referenced this pull request on [Mar 21](#)



[Improve xcom value handling in extra links API \(apache#61641\)](#)

[49e21f4](#)



potiuk modified the milestones: **Airflow 3.1.9**, **Airflow 3.2.0** [last week](#)



nixpkgs-security-tracker (Bot) mentioned this pull request [3 days ago](#)

[Apache Airflow: API extra-links triggers XCom deserialization/class instantiation \(Airflow 3.1.5\) NixOS/nixpkgs#511462](#)

[Open](#)

[Sign up for free](#) to join this conversation on GitHub. Already have an account? [Sign in to comment](#)

Reviewers



potiuk



ashb





pierrejeambrun



Assignees



amoghrajesh

Labels

area:API

Projects

None yet

Milestone



Airflow 3.2.0

Development

Successfully merging this pull request may close these issues.

None yet

3 participants

