

apache / airflow Public[Code](#) [Issues](#) 1.2k [Pull requests](#) 499 [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](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](#)

129 checks passed

[View details](#)

**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 [last month](#)

 [Improve xcom value handling in extra links API \(apache#61641\)](#) [49e21f4](#)

  **potiuk** modified the milestones: **Airflow 3.1.9, Airflow 3.2.0** [3 days ago](#)

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Reviewers

-  **potiuk** ✓
-  **ashb** 🛡️ ●
-  **pierrejeambrun** ●

Assignees

-  **amoghrjesh**

Labels

area:API

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### Projects

None yet

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### Milestone

  
Airflow 3.2.0

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### Development

Successfully merging this pull request may close these issues.

None yet

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### 3 participants

