# GitHub Actions: Deprecating save-state and set-output commands

🐦  📘  in

October 11, 2022

To avoid untrusted logged data to use `save-state` and `set-output` workflow commands without the intention of the workflow author we have introduced a new set of environment files to manage state and output.

Starting today runner version `2.298.2` will begin to warn you if you use the `save-state` or `set-output` commands via stdout. We are monitoring telemetry for the usage of these commands and plan to fully disable them on 31st May 2023. Starting 1st June 2023 workflows using `save-state` or `set-output` commands via stdout will fail with an error.

## Patching your actions and workflows

If you are using self-hosted runners make sure they are updated to version `2.297.0` or greater.

Action authors who are using the toolkit should update the `@actions/core` package to `v1.10.0` or greater to get the updated `saveState` and `setOutput` functions.

Action and workflow authors who are using `save-state` or `set-output` via stdout should update to use the new environment files.

## Examples

A workflow using `save-state` or `set-output` like the following

```
- name: Save state
  run: echo "::save-state name={name}::{value}"

- name: Set output
  run: echo "::set-output name={name}::{value}"
```

should be updated to write to the new `GITHUB_STATE` and `GITHUB_OUTPUT` environment files:

```
- name: Save state
  run: echo "{name}={value}" >> $GITHUB_STATE

- name: Set output
  run: echo "{name}={value}" >> $GITHUB_OUTPUT
```

## Packages: Consolidated owner and admin role

October 10, 2022

Previously, the original publisher of a package in GitHub Packages had the *owner* attribute, which granted them *admin* privileges for the package. The current package admin role has the exact same privileges.

See more ⌄

## New enterprise policies for code security

October 7, 2022

Enterprise owners can now configure whether repository administrators can enable or disable Dependabot alerts.

See more ⌄

View all changes

## Subscribe to The GitHub Insider

A newsletter for developers covering techniques, technical guides, and the latest product innovations coming from GitHub.

Your email address

☑ Yes please, I'd like GitHub and affiliates to use my information for personalized communications, targeted advertising and campaign effectiveness. See the GitHub Privacy Statement for more details.

›

**Product**

Features

Security

Enterprise

Customer Stories

Pricing

Resources

**Platform**

Developer API

Partners

Atom

Electron

GitHub Desktop

**Support**

Docs

Community Forum

Training

Status

Contact

**Company**

About

Blog

Careers

Press

Shop

© 2023 GitHub, Inc.     Terms     Privacy