This version of GitHub Enterprise was discontinued on 2023-03-15. No patch releases will be made, even for critical security issues. For better performance, improved security, and new features, upgrade to the latest version of GitHub Enterprise. For help with the upgrade, contact GitHub Enterprise support.

Defining outputs for jobs

Create a map of outputs for your jobs.

Note: GitHub-hosted runners are not currently supported on GitHub Enterprise Server. You can see more information about planned future support on the GitHub public roadmap.

Overview

You can use `jobs.<job_id>.outputs` to create a `map` of outputs for a job. Job outputs are available to all downstream jobs that depend on this job. For more information on defining job dependencies, see `jobs.<job_id>.needs`.

Outputs are Unicode strings, and can be a maximum of 1 MB. The total of all outputs in a workflow run can be a maximum of 50 MB.

Job outputs containing expressions are evaluated on the runner at the end of each job. Outputs containing secrets are redacted on the runner and not sent to GitHub Actions.

To use job outputs in a dependent job, you can use the `needs` context. For more information, see "Contexts."

Example: Defining outputs for a job

```yaml
jobs:
  job1:
    runs-on: ubuntu-latest
    # Map a step output to a job output
    outputs:
      output1: ${{ steps.step1.outputs.test }}
      output2: ${{ steps.step2.outputs.test }}
    steps:
      - id: step1
        run: echo "::set-output name=test::hello"
      - id: step2
        run: echo "::set-output name=test::world"
  job2:
    runs-on: ubuntu-latest
    needs: job1
    steps:
      - env:
          OUTPUT1: ${{needs.job1.outputs.output1}}
          OUTPUT2: ${{needs.job1.outputs.output2}}
        run: echo "$OUTPUT1 $OUTPUT2"
```