Using environments for jobs

Specify an environment for a job.

> **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

Use `jobs.<job_id>.environment` to define the environment that the job references. All deployment protection rules must pass before a job referencing the environment is sent to a runner. For more information, see "[Using environments for deployment](#)."

You can provide the environment as only the environment `name`, or as an environment object with the `name` and `url`. The URL maps to `environment_url` in the deployments API. For more information about the deployments API, see "[Repositories](#)."

Example: Using a single environment name

```
environment: staging_environment
```

Example: Using environment name and URL

```
environment:
  name: production_environment
  url: https://github.com
```

The value of `url` can be an expression. Allowed expression contexts: [github](#), [inputs](#), [vars](#), [needs](#), [strategy](#), [matrix](#), [job](#), [runner](#), and [env](#). For more information about expressions, see "[Expressions](#)."

Example: Using output as URL

```
environment:
  name: production_environment
  url: ${{ steps.step_id.outputs.url_output }}
```

The value of `name` can be an expression. Allowed expression contexts: [github](#), [inputs](#), [vars](#), [needs](#), [strategy](#), and [matrix](#). For more information about expressions, see "[Expressions](#)."

Example: Using an expression as environment name

```
environment:
  name: ${{ github.ref_name }}
```