

Using environments for jobs

Specify an environment for a job.

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 }
```

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