

The REST API is now versioned. For more information, see "[About API versioning](#)."

# Workflow jobs

Use the REST API to interact with workflow jobs in GitHub Actions.

## About workflow jobs in GitHub Actions [↗](#)

You can use the REST API to view logs and workflow jobs in GitHub Actions. A workflow job is a set of steps that execute on the same runner. For more information, see "[Workflow syntax for GitHub Actions](#)."

## Get a job for a workflow run [↗](#)

✔ Works with [GitHub Apps](#)

Gets a specific job in a workflow run. Anyone with read access to the repository can use this endpoint. If the repository is private you must use an access token with the `repo` scope. GitHub Apps must have the `actions:read` permission to use this endpoint.

### Parameters for "Get a job for a workflow run"

#### Headers

**accept** string  
Setting to `application/vnd.github+json` is recommended.

#### Path parameters

**owner** string **Required**  
The account owner of the repository. The name is not case sensitive.

**repo** string **Required**  
The name of the repository without the `.git` extension. The name is not case sensitive.

**job\_id** integer **Required**  
The unique identifier of the job.

### HTTP response status codes for "Get a job for a workflow run"

Status code	Description
200	OK

Code samples for "Get a job for a workflow run"

GET

/repos/{owner}/{repo}/actions/jobs/{job\_id}

cURL

JavaScript

GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/actions/jobs/JOB_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 399444496, "run_id": 29679449, "run_url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/runs/29679449", "node_id": "MDEyOldvcmtmbG93IEpvYjM5OTQ0NDQ5Ng==", "head_sha": "f83a356604ae3c5d03e1b46ef4d1ca77d64a90b0", "url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/jobs/399444496", "html_url": "https://github.com/octo-org/octo-repo/runs/29679449/jobs/399444496", "status": "completed", "conclusion": "success", "started_at": "2020-01-20T17:42:40Z", "completed_at": "2020-01-20T17:44:39Z", "name": "build", "steps": [ { "name": "Set up job", "status": "completed", "conclusion": "success", "number": 1, "started_at": "2020-01-20T09:42:40.000-08:00", "completed_at": "2020-01-20T09:42:41.000-08:00" }, { "name":
```

Download job logs for a workflow run

Works with [GitHub Apps](#)

Gets a redirect URL to download a plain text file of logs for a workflow job. This link expires after 1 minute. Look for **Location** in the response header to find the URL for the download. Anyone with read access to the repository can use this endpoint. If the repository is private you must use an access token with the **repo** scope. GitHub Apps must have the **actions:read** permission to use this endpoint.

Parameters for "Download job logs for a workflow run"

Headers

**accept** string

Setting to `application/vnd.github+json` is recommended.

Path parameters

**owner** string **Required**

The account owner of the repository. The name is not case sensitive.

**repo** string **Required**

The name of the repository without the `.git` extension. The name is not case sensitive.

**job\_id** integer **Required**

The unique identifier of the job.

## HTTP response status codes for "Download job logs for a workflow run"

Status code	Description
302	Found

## Code samples for "Download job logs for a workflow run"

GET

/repos/{owner}/{repo}/actions/jobs/{job\_id}/logs

cURL

JavaScript

GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/actions/jobs/JOB_ID/logs
```

## Response

Status: 302

## List jobs for a workflow run attempt

✔ Works with [GitHub Apps](#)

Lists jobs for a specific workflow run attempt. Anyone with read access to the repository can use this endpoint. If the repository is private you must use an access token with the `repo` scope. GitHub Apps must have the `actions:read` permission to use this endpoint. You can use parameters to narrow the list of results. For more information about using parameters, see [Parameters](#).

## Parameters for "List jobs for a workflow run attempt"

### Headers

**accept** string  
Setting to `application/vnd.github+json` is recommended.

### Path parameters

- owner** string **Required**  
The account owner of the repository. The name is not case sensitive.
- repo** string **Required**  
The name of the repository without the `.git` extension. The name is not case sensitive.
- run\_id** integer **Required**  
The unique identifier of the workflow run.

**attempt\_number** integer **Required**

The attempt number of the workflow run.

Query parameters

**per\_page** integer

The number of results per page (max 100).

Default: 30

**page** integer

Page number of the results to fetch.

Default: 1

HTTP response status codes for "List jobs for a workflow run attempt"

Status code	Description
200	OK
404	Resource not found

Code samples for "List jobs for a workflow run attempt"

GET /repos/{owner}/{repo}/actions/runs/{run\_id}/attempts/{attempt\_number}/jobs

cURL

JavaScript

GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/actions/runs/RUN_ID/attempts/ATTEMPT_NUMBER/jobs
```

Response

Example response

Response schema

Status: 200

```
{ "total_count": 1, "jobs": [ { "id": 399444496, "run_id": 29679449, "run_url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/runs/29679449", "node_id": "MDEyOldvcmtmbG93IEpvYjM5OTQ0NDQ5Ng==", "head_sha": "f83a356604ae3c5d03e1b46ef4d1ca77d64a90b0", "url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/jobs/399444496", "html_url": "https://github.com/octo-org/octo-repo/runs/29679449/jobs/399444496", "status": "completed", "conclusion": "success", "started_at": "2020-01-20T17:42:40Z", "completed_at": "2020-01-20T17:44:39Z", "name": "build", "steps": [ { "name": "Set up job", "status": "completed", "conclusion": "success", "number": 1, "started_at": "2020-01-20T09:42:40.000-08:00", "completed_at": "2020-01-
```

List jobs for a workflow run

✔ Works with [GitHub Apps](#)

Lists jobs for a workflow run. Anyone with read access to the repository can use this endpoint. If the repository is

private you must use an access token with the `repo` scope. GitHub Apps must have the `actions:read` permission to use this endpoint. You can use parameters to narrow the list of results. For more information about using parameters, see [Parameters](#).

### Parameters for "List jobs for a workflow run"

#### Headers

**accept** string

Setting to `application/vnd.github+json` is recommended.

#### Path parameters

**owner** string **Required**

The account owner of the repository. The name is not case sensitive.

**repo** string **Required**

The name of the repository without the `.git` extension. The name is not case sensitive.

**run\_id** integer **Required**

The unique identifier of the workflow run.

#### Query parameters

**filter** string

Filters jobs by their `completed_at` timestamp. `latest` returns jobs from the most recent execution of the workflow run. `all` returns all jobs for a workflow run, including from old executions of the workflow run.

Default: `latest`

Can be one of: `latest` , `all`

**per\_page** integer

The number of results per page (max 100).

Default: `30`

**page** integer

Page number of the results to fetch.

Default: `1`

### HTTP response status codes for "List jobs for a workflow run"

Status code	Description
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200	OK
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### Code samples for "List jobs for a workflow run"

GET

/repos/{owner}/{repo}/actions/runs/{run\_id}/jobs

cURL

JavaScript

GitHub CLI

curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/actions/runs/RUN\_ID/jobs

Response

Example response

Response schema

Status: 200

```
{ "total_count": 1, "jobs": [ { "id": 399444496, "run_id": 29679449, "run_url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/runs/29679449", "node_id": "MDEyOldvcmtmbG93IEpvYjM5OTQ0NDQ5Ng==", "head_sha": "f83a356604ae3c5d03e1b46ef4d1ca77d64a90b0", "url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/jobs/399444496", "html_url": "https://github.com/octo-org/octo-repo/runs/29679449/jobs/399444496", "status": "completed", "conclusion": "success", "started_at": "2020-01-20T17:42:40Z", "completed_at": "2020-01-20T17:44:39Z", "name": "build", "steps": [ { "name": "Set up job", "status": "completed", "conclusion": "success", "number": 1, "started_at": "2020-01-20T09:42:40.000-08:00", "completed_at": "2020-01-
```

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