

Q

The REST API is now versioned. For more information, see "About API versioning."

Workflow runs

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

About workflow runs in GitHub Actions P

You can use the REST API to view, re-run, cancel, and view logs for workflow runs in GitHub Actions. A workflow run is an instance of your workflow that runs when the pre-configured event occurs. For more information, see "Managing workflow runs."

Re-run a job from a workflow run &

Works with GitHub Apps

Re-run a job and its dependent jobs in a workflow run.

You must authenticate using an access token with the repo scope to use this endpoint. GitHub Apps must have the actions:write permission to use this endpoint.

Parameters for "Re-run a job from 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.

Body parameters

enable_debug_logging boolean

Whether to enable debug logging for the re-run

Timestici to chabic acoug logging for the reliant

Default: false

HTTP response status codes for "Re-run a job from a workflow run"

Status code	Description
201	Created
403	Forbidden

Code samples for "Re-run a job from a workflow run"



Response

Example response Response schema
Status: 201

List workflow runs for a repository &

Works with <u>GitHub Apps</u>

Lists all workflow runs for a repository. You can use parameters to narrow the list of results. For more information about using parameters, see <u>Parameters</u>.

Anyone with read access to the repository can use this endpoint. If the repository is private you must use an access token with the repository exposes. GitHub Apps must have the actions: read permission to use this endpoint.

Parameters for "List workflow runs for a repository"

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.

Query parameters

actor string

Returns someone's workflow runs. Use the login for the user who created the push associated with the check suite or workflow run.

branch string

Returns workflow runs associated with a branch. Use the name of the branch of the push .

event string

Returns workflow run triggered by the event you specify. For example, push , pull_request or issue . For more information, see "Events that trigger workflows."

status string

Returns workflow runs with the check run status or conclusion that you specify. For example, a conclusion can be success or a status can be in_progress. Only GitHub can set a status of waiting or requested.

Can be one of: completed, action_required, cancelled, failure, neutral, skipped, stale, success, timed_out, in_progress, queued, requested, waiting, pending

per_page integer

The number of results per page (max 100).

Default: 30

page integer

Page number of the results to fetch.

Default: 1

created string

Returns workflow runs created within the given date-time range. For more information on the syntax, see "<u>Understanding the search syntax</u>."

exclude_pull_requests boolean

If true pull requests are omitted from the response (empty array).

Default: false

check_suite_id integer

Returns workflow runs with the check_suite_id that you specify.

head_sha string

Only returns workflow runs that are associated with the specified head sha.

HTTP response status codes for "List workflow runs for a repository"

Status code Description

200 OK

Code samples for "List workflow runs for a repository"

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

Response

```
Example response Response schema

Status: 200

{ "total_count": 1, "workflow_runs": [ { "id": 30433642, "name": "Build", "node_id": "MDEyOldvcmtmbG93IFJ1bjI20TI40Q==", "check_suite_id": 42, "check_suite_node_id": "MDEwOkNoZWNrU3VpdGU0Mg==", "head_branch": "master", "head_sha": "acb5820ced9479c074f688cc328bf03f341a511d", "run_number": 562, "event": "push", "display_title": "Update README.md", "status": "queued", "conclusion": null, "workflow_id": 159038, "url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/runs/30433642", "html_url": "https://github.com/octo-org/octo-repo/actions/runs/30433642", "pull_requests": [], "created_at": "2020-01-22T19:33:08Z", "actor": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "
```

Get a workflow run @

Works with GitHub Apps

Gets a specific 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 repository scope. GitHub Apps must have the actions: read permission to use this endpoint.

Parameters for "Get 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

exclude_pull_requests boolean

If true pull requests are omitted from the response (empty array).

in the paintequests are officed from the response (empty array).

Default: false

HTTP response status codes for "Get a workflow run"

Status code	Description
200	ОК

Code samples for "Get a workflow run"



Response

Delete a workflow run @

Works with <u>GitHub Apps</u>

Delete a specific workflow run. Anyone with write access to the repository can use this endpoint. If the repository is private you must use an access token with the repository scope. GitHub Apps must have the actions:write permission to use this endpoint.

Parameters for "Delete 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

the decoding office 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.

HTTP response status codes for "Delete a workflow run"

Status code	Description
204	No Content

Code samples for "Delete a workflow run"



Response

Status: 204

Get the review history for a workflow run &

Works with <u>GitHub Apps</u>

Anyone with read access to the repository can use this endpoint. If the repository is private, you must use an access token with the repository exposes. GitHub Apps must have the actions: read permission to use this endpoint.

Parameters for "Get the review history 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.

HTTP response status codes for "Get the review history for a workflow run"

Status code Description

200 OK

Code samples for "Get the review history for a workflow run"



Response

Example response Response schema

Status: 200

[{ "state": "approved", "comment": "Ship it!", "environments": [{ "id": 161088068, "node_id": "MDExOkVudmlyb25tZW50MTYxMDg4MDY4", "name": "staging", "url": "https://H0STNAME/repos/github/hello-world/environments/staging", "html_url": "https://github.com/github/hello-world/deployments/activity_log?environments_filter=staging", "created_at": "2020-11-23T22:00:40Z", "updated_at": "2020-11-23T22:00:40Z" }], "user": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://H0STNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://H0STNAME/users/octocat/followers", "following_url":

Get a workflow run attempt &

Works with <u>GitHub Apps</u>

Gets 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 repository scope. GitHub Apps must have the actions: read permission to use this endpoint.

Parameters for "Get 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

exclude_pull_requests boolean

If true pull requests are omitted from the response (empty array).

Default: false

HTTP response status codes for "Get a workflow run attempt"

Status code Description

200 OK

Code samples for "Get a workflow run attempt"

/repos/{owner}/{repo}/actions/runs/{run_id}/attempts/{attempt_number}

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

ф

Response

Example response Response schema

Status: 200

{ "id": 30433642, "name": "Build", "node_id": "MDEyOldvcmtmbG93IFJ1bjI20TI40Q==", "check_suite_id": 42, "check_suite_node_id": "MDEwOkNoZWNrU3VpdGU0Mg==", "head_branch": "main", "head_sha": "acb5820ced9479c074f688cc328bf03f341a511d", "path": ".github/workflows/build.yml@main", "run_number": 562, "event": "push", "display_title": "Update README.md", "status": "queued", "conclusion": null, "workflow_id": 159038, "url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/runs/30433642", "html_url": "https://github.com/octo-org/octo-repo/actions/runs/30433642", "pull_requests": [], "created_at": "2020-01-22T19:33:08Z", "updated_at": "2020-01-22T19:33:08Z", "actor": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url":

Download workflow run attempt logs @

Works with <u>GitHub Apps</u>

Gets a redirect URL to download an archive of log files for a specific workflow run attempt. 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 reposite scope. GitHub Apps must have the actions: read permission to use this endpoint.

Parameters for "Download workflow run attempt logs"

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.

HTTP response status codes for "Download workflow run attempt logs"

Status code Description

302 Found

Code samples for "Download workflow run attempt logs"

GET /repos/{owner}/{repo}/actions/runs/{run_id}/attempts/{attempt_number}/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"

ſĢ

\ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/actions/runs/RUN_ID/attempts/ATTEMPT_NUMBER/logs

Response

Status: 302

Cancel a workflow run @

Works with <u>GitHub Apps</u>

Cancels a workflow run using its id.

You must authenticate using an access token with the repo scope to use this endpoint. GitHub Apps must have the actions:write permission to use this endpoint.

Parameters for "Cancel 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.

HTTP response status codes for "Cancel a workflow run"

Status code	Description
202	Accepted
409	Conflict

Code samples for "Cancel a workflow run"



Response

Example response Response schema

Status: 202

Review custom deployment protection rules for a workflow run &

Works with <u>GitHub Apps</u>

Approve or reject custom deployment protection rules provided by a GitHub App for a workflow run. For more information, see "Using environments for deployment."

Note: GitHub Apps can only review their own custom deployment protection rules. To approve or reject pending deployments that are waiting for review from a specific person or team, see POST /repos/{owner}/{repo}/actions/runs/{run id}/pending deployments.

If the repository is private, you must use an access token with the reposcope. GitHub Apps must have read and write permission for **Deployments** to use this endpoint.

Parameters for "Review custom deployment protection rules 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.

HTTP response status codes for "Review custom deployment protection rules for a workflow run"

Status code Description

Code samples for "Review custom deployment protection rules for a workflow run"

/repos/{owner}/{repo}/actions/runs/{run_id}/deployment_protection_rule P₀ST cURL GitHub CLI JavaScript

curl -L \ -X POST \ -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/deployment_protection_rule \ -d '{"environment_name":"prod-eus","state":"approved","comment":"All health checks passed."}'

No Content

ſĠ

204

Download workflow run logs &

Works with <u>GitHub Apps</u>

Gets a redirect URL to download an archive of log files for a workflow run. 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 repository scope. GitHub Apps must have the actions: read permission to use this endpoint.

Parameters for "Download workflow run logs"

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.

HTTP response status codes for "Download workflow run logs"

Status code Description

302 Found

Code samples for "Download workflow run logs"

/repos/{owner}/{repo}/actions/runs/{run_id}/logs

cURL JavaScript GitHub CLI

2022 44 201

ф

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/logs

Response

Delete workflow run logs @

Works with <u>GitHub Apps</u>

Deletes all logs for a workflow run. You must authenticate using an access token with the repo scope to use this endpoint. GitHub Apps must have the actions:write permission to use this endpoint.

Parameters for "Delete workflow run logs"

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.

HTTP response status codes for "Delete workflow run logs"

Status code	Description
204	No Content
403	Forbidden
500	Internal Error

Code samples for "Delete workflow run logs"



Status: 204

Get pending deployments for a workflow run &

Works with GitHub Apps

Get all deployment environments for a workflow run that are waiting for protection rules to pass.

Anyone with read access to the repository can use this endpoint. If the repository is private, you must use an access token with the repository cope. GitHub Apps must have the actions: read permission to use this endpoint.

Parameters for "Get pending deployments 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.

HTTP response status codes for "Get pending deployments for a workflow run"

Status code Description

200 OK

Code samples for "Get pending deployments for a workflow run"

GET /repos/{owner}/{repo}/actions/runs/{run_id}/pending_deployments

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/pending_deployments

ф

```
Example response Response schema

Status: 200

[ { "environment": { "id": 161088068, "node_id": "MDEx0kVudmlyb25tZW50MTYxMDg4MDY4", "name": "staging", "url": "https://H0STNAME/repos/github/hello-world/environments/staging", "html_url": "https://github.com/github/hello-world/deployments/activity_log?environments_filter=staging" }, "wait_timer": 30, "wait_timer_started_at": "2020-11-23T22:00:40Z", "current_user_can_approve": true, "reviewers": [ { "type": "User", "reviewer": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://H0STNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url":
```

Review pending deployments for a workflow run &

Approve or reject pending deployments that are waiting on approval by a required reviewer.

Required reviewers with read access to the repository contents and deployments can use this endpoint. Required reviewers must authenticate using an access token with the repository scope to use this endpoint.

Parameters for "Review pending deployments 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.

Body parameters

environment ids array of integers Required

The list of environment ids to approve or reject

state string Required

Whether to approve or reject deployment to the specified environments.

Can be one of: approved, rejected

comment string Required

A comment to accompany the deployment review

Status code	Description

Code samples for "Review pending deployments for a workflow run"



OK

Response

200

```
Example response Response schema

Status: 200

[ { "url": "https://HOSTNAME/repos/octocat/example/deployments/1", "id": 1, "node_id": "MDEwOkRlcGxveW1lbnQx", "sha": "a84d88e7554fc1fa21bcbc4efae3c782a70d2b9d", "ref": "topic-branch", "task": "deploy", "payload": {}, "original_environment": "staging", "environment": "production", "description": "Deploy request from hubot", "creator": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "gists_url": "https://HOSTNAME/users/octocat/followers_url": "https://HOSTNAME/users/octocat/followers_url": "https://HOSTNAME/users/octocat/followers_url": "https://HOSTNAME/users/octocat/followers_url": "https://HOSTNAME/users/octoc
```

Re-run a workflow &

Re-runs your workflow run using its id. You must authenticate using an access token with the repo scope to use this endpoint. GitHub Apps must have the actions:write permission to use this endpoint.

Parameters for "Re-run a workflow"

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.

Body parameters

enable_debug_logging boolean

Whether to enable debug logging for the re-run.

Default: false

HTTP response status codes for "Re-run a workflow"

Status code Description

201 Created

Code samples for "Re-run a workflow"



Response

Example response Response schema
Status: 201

Re-run failed jobs from a workflow run &

Works with <u>GitHub Apps</u>

Re-run all of the failed jobs and their dependent jobs in a workflow run using the id of the workflow run. You must authenticate using an access token with the repo scope to use this endpoint.

Parameters for "Re-run failed jobs from 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.

Body parameters

enable_debug_logging boolean

Whether to enable debug logging for the re-run.

Default: false

201

HTTP response status codes for "Re-run failed jobs from a workflow run"

Status code Description

Code samples for "Re-run failed jobs from a workflow run"



Created

Response

Example response Response schema
Status: 201

List workflow runs for a workflow @

Works with <u>GitHub Apps</u>

List all workflow runs for a workflow. You can replace workflow_id with the workflow file name. For example, you could use main.yaml. You can use parameters to narrow the list of results. For more information about using parameters, see <u>Parameters</u>.

Anyone with read access to the repository can use this endpoint. If the repository is private you must use an access token with the repository scope.

Parameters for "List workflow runs for a workflow"

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.

workflow_id Required

The ID of the workflow. You can also pass the workflow file name as a string.

Query parameters

actor string

Returns someone's workflow runs. Use the login for the user who created the push associated with the check suite or workflow run.

branch string

Returns workflow runs associated with a branch. Use the name of the branch of the push .

event string

Returns workflow run triggered by the event you specify. For example, push , pull_request or issue . For more information, see "Events that trigger workflows."

status string

Returns workflow runs with the check run status or conclusion that you specify. For example, a conclusion can be success or a status can be in_progress. Only GitHub can set a status of waiting or requested.

Can be one of: completed, action_required, cancelled, failure, neutral, skipped, stale, success, timed_out, in_progress, queued, requested, waiting, pending

per_page integer

The number of results per page (max 100).

Default: 30

page integer

Page number of the results to fetch.

Default: 1

created string

Returns workflow runs created within the given date-time range. For more information on the syntax, see "<u>Understanding the search syntax</u>."

exclude_pull_requests boolean

If true pull requests are omitted from the response (empty array).

Default: false

check suite id integer

Returns workflow runs with the check_suite_id that you specify.

head	cha	string
neau	Sila	Strill

Only returns workflow runs that are associated with the specified head_sha.

HTTP response status codes for "List workflow runs for a workflow"

Status code Description

200 OK

Code samples for "List workflow runs for a workflow"

GET /repos/{owner}/{repo}/actions/workflows/{workflow_id}/runs

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/workflows/WORKFLOW_ID/runs

Response

Example response Response schema

Status: 200

{ "total_count": 1, "workflow_runs": [{ "id": 30433642, "name": "Build", "node_id": "MDEyOldvcmtmbG93IFJ1bjI20TI40Q==", "check_suite_id": 42, "check_suite_node_id": "MDEwOkNoZWNrU3VpdGU0Mg==", "head_branch": "master", "head_sha": "acb5820ced9479c074f688cc328bf03f341a511d", "run_number": 562, "event": "push", "display_title": "Update README.md", "status": "queued", "conclusion": null, "workflow_id": 159038, "url": "https://HOSTNAME/repos/octo-org/octo-repo/actions/runs/30433642", "html_url": "https://github.com/octo-org/octo-repo/actions/runs/30433642", "pull_requests": [], "created_at": "2020-01-22T19:33:08Z", "updated_at": "2020-01-22T19:33:08Z", "actor": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=",

Legal

© 2023 GitHub, Inc. <u>Terms Privacy</u> <u>Status Pricing Expert services Blog</u>