

REST API / Actions / Workflows

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

Workflows

Use the REST API to interact with workflows in GitHub Actions.

About workflows in GitHub Actions &

You can use the REST API to view workflows for a repository in GitHub Actions. Workflows automate your software development life cycle with a wide range of tools and services. For more information, see "About workflows" in the GitHub Actions documentation.

List repository workflows &

Works with GitHub Apps

Lists the workflows in a repository. 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 "List repository workflows"

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

per_page integer

The number of results per page (max 100).

Default: 30

page integer

Page number of the results to fetch

rage named or the results to retern

Default: 1

HTTP response status codes for "List repository workflows"

Status code	Description
200	OK

Code samples for "List repository workflows"



Response

```
Example response Response schema

Status: 200

{ "total_count": 2, "workflows": [ { "id": 161335, "node_id": "MDg6V29ya2Zsb3cxNjEzMzU=", "name": "CI", "path": ".github/workflows/blank.yaml", "state": "active", "created_at": "2020-01-08T23:48:37.000-08:00", "updated_at": "2020-01-08T23:50:21.000-08:00", "url": "https://api.github.com/repos/octo-org/octo-repo/actions/workflows/161335", "html_url": "https://github.com/octo-org/octo-repo/blob/master/.github/workflows/161335", "badge_url": "https://github.com/octo-org/octo-repo/workflows/CI/badge.svg" }, { "id": 269289, "node_id": "MDE40ldvcmtmbG93IFNlY29uZGFyeTI20TI40Q==", "name": "Linter", "path": ".github/workflows/linter.yaml", "state": "active", "created_at": "2020-01-08T23:48:37.000-08:00", "updated_at": "2020-01-
```

Get a workflow ₽

Works with <u>GitHub Apps</u>

Gets a specific workflow. You can replace workflow_id with the workflow file name. For example, you could use main.yaml. 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"

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 account 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.

workflow id Required

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

HTTP response status codes for "Get a workflow"

Status code	Description
200	OK

Code samples for "Get a workflow"



Response

```
Example response Response schema

Status: 200

{ "id": 161335, "node_id": "MDg6V29ya2Zsb3cxNjEzMzU=", "name": "CI", "path": ".github/workflows/blank.yaml", "state": "active", "created_at": "2020-01-08T23:48:37.000-08:00", "updated_at": "2020-01-08T23:50:21.000-08:00", "url": "https://api.github.com/repos/octo-org/octo-repo/actions/workflows/161335", "html_url": "https://github.com/octo-org/octo-repo/blob/master/.github/workflows/161335", "badge_url": "https://github.com/octo-org/octo-repo/workflows/CI/badge.svg" }
```

Disable a workflow @

Works with GitHub Apps

Disables a workflow and sets the state of the workflow to disabled_manually. You can replace workflow_id with the workflow file name. For example, you could use main.yaml.

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 "Disable 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.

HTTP response status codes for "Disable a workflow"

Status code	Description
204	No Content

Code samples for "Disable a workflow"



Response

Status: 204

Create a workflow dispatch event &

Works with GitHub Apps

You can use this endpoint to manually trigger a GitHub Actions workflow run. You can replace workflow_id with the workflow file name. For example, you could use main.yaml.

You must configure your GitHub Actions workflow to run when the <u>workflow_dispatch_webhook</u> event occurs. The inputs are configured in the workflow file. For more information about how to configure the <u>workflow_dispatch_workflow_dispatch_workflows.</u>"

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. For more information, see "Creating a personal access token for the command line."

Parameters for "Create a workflow dispatch event"

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.

Body parameters

ref string Required

The git reference for the workflow. The reference can be a branch or tag name.

inputs object

Input keys and values configured in the workflow file. The maximum number of properties is 10. Any default properties configured in the workflow file will be used when inputs are omitted.

HTTP response status codes for "Create a workflow dispatch event"

Status code **Description** 204 No Content

Code samples for "Create a workflow dispatch event"

/repos/{owner}/{repo}/actions/workflows/{workflow_id}/dispatches cURL Q

curl -L \ -X POST \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/repos/OWNER/REPO/actions/workflows/WORKFLOW_ID/dispatches \ -d '{"ref":"topic-branch","inputs": {"name":"Mona the Octocat", "home": "San Francisco, CA"}}'

Response

Status: 204

JavaScript

Enable a workflow @

Works with GitHub Apps

Enables a workflow and sets the state of the workflow to active . You can replace workflow id with the workflow file name. For example, you could use main.yaml.

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 "Enable 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

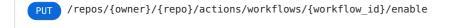
The ID of the workflow. You can also pass the workflow file name as a string.

HTTP response status codes for "Enable a workflow"

Status code	Description
204	No Content

Code samples for "Enable a workflow"

JavaScript GitHub CLI



curl -L \ -X PUT \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:

ſŌ

2022-11-28" \ https://api.github.com/repos/OWNER/REPO/actions/workflows/WORKFLOW_ID/enable

Response

cURL

Status: 204

Get workflow usage &

Gets the number of billable minutes used by a specific workflow during the current billing cycle. Billable minutes only apply to workflows in private repositories that use GitHub Enterprise Cloud-hosted runners. Usage is listed for each GitHub Enterprise Cloud-hosted runner operating system in milliseconds. Any job re-runs are also included in the usage. The usage does not include the multiplier for macOS and Windows runners and is not rounded up to the nearest whole minute. For more information, see "Managing billing for GitHub Actions".

You can replace workflow_id with the workflow file name. For example, you could use main.yaml . Anyone with read access to the repository can use this endpoint. If the repository is private you must use an access token with the reposcope. GitHub Apps must have the actions:read permission to use this endpoint.

Parameters for "Get workflow usage"

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.

HTTP response status codes for "Get workflow usage"

Status code	Description
200	ОК

Code samples for "Get workflow usage"



Response

Example response Response schema
Status: 200

```
{ "billable": { "UBUNTU": { "total_ms": 180000 }, "MACOS": { "total_ms": 240000 }, "WINDOWS": { "total_ms": 300000 } } }
```

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