

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

GitHub Actions Cache

Use the REST API to interact with the cache for repositories in GitHub Actions.

About the cache in GitHub Actions [↗](#)

You can use the REST API to query and manage the cache for repositories in GitHub Actions. You can also install a GitHub CLI extension to manage your caches from the command line. For more information, see "[Caching dependencies to speed up workflows](#)."

Get GitHub Actions cache usage for an enterprise [↗](#)

Gets the total GitHub Actions cache usage for an enterprise. The data fetched using this API is refreshed approximately every 5 minutes, so values returned from this endpoint may take at least 5 minutes to get updated. You must authenticate using an access token with the `admin:enterprise` scope to use this endpoint.

Parameters for "Get GitHub Actions cache usage for an enterprise"

Headers

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

Path parameters

enterprise string **Required**
The slug version of the enterprise name. You can also substitute this value with the enterprise id.

HTTP response status codes for "Get GitHub Actions cache usage for an enterprise"

Status code	Description
200	OK

Code samples for "Get GitHub Actions cache usage for an enterprise"

GET /enterprises/{enterprise}/actions/cache/usage

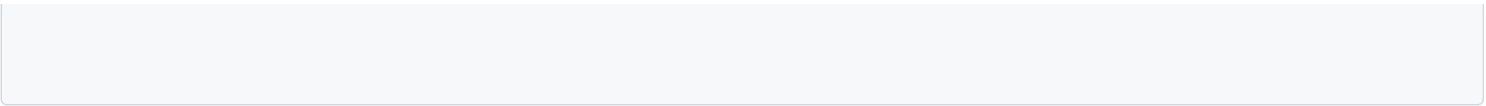
cURL

JavaScript

GitHub CLI

Copy

```
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/enterprises/ENTERPRISE/actions/cache/usage
```



Response

Example response

Response schema

Status: 200

{ "total_active_caches_size_in_bytes": 3344284, "total_active_caches_count": 5 }

Get GitHub Actions cache usage policy for an enterprise

Gets the GitHub Actions cache usage policy for an enterprise. You must authenticate using an access token with the `admin:enterprise` scope to use this endpoint.

Parameters for "Get GitHub Actions cache usage policy for an enterprise"

Headers

`accept` string

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

Path parameters

`enterprise` string **Required**

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

HTTP response status codes for "Get GitHub Actions cache usage policy for an enterprise"

Status code	Description
200	OK

Code samples for "Get GitHub Actions cache usage policy for an enterprise"

GET

/enterprises/{enterprise}/actions/cache/usage-policy

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/enterprises/ENTERPRISE/actions/cache/usage-policy

Response

Example response

Response schema

Status: 200

```
{ "repo_cache_size_limit_in_gb": 10, "max_repo_cache_size_limit_in_gb": 15 }
```

Set GitHub Actions cache usage policy for an enterprise

Sets the GitHub Actions cache usage policy for an enterprise. You must authenticate using an access token with the `admin:enterprise` scope to use this endpoint.

Parameters for "Set GitHub Actions cache usage policy for an enterprise"

Headers

`accept` string

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

Path parameters

`enterprise` string **Required**

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

Body parameters

`repo_cache_size_limit_in_gb` integer

For repositories in an enterprise, the default size limit for the sum of all caches in a repository, in gigabytes.

`max_repo_cache_size_limit_in_gb` integer

For repositories in an enterprise, the maximum value that can be set as the limit for the sum of all caches in a repository, in gigabytes.

HTTP response status codes for "Set GitHub Actions cache usage policy for an enterprise"

Status code	Description
204	No Content

Code samples for "Set GitHub Actions cache usage policy for an enterprise"


PATCH

/enterprises/{enterprise}/actions/cache/usage-policy

cURL

JavaScript

GitHub CLI



```
curl -L \ -X PATCH \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/enterprises/ENTERPRISE/actions/cache/usage-policy \ -d '{ "repo_cache_size_limit_in_gb": 10, "max_repo_cache_size_limit_in_gb": 15 }'
```

```
2022-11-28 \ http(s)://HOSTNAME/api/v3/enterprises/ENTERPRISE/actions/cache/usage-policy \ -u  
'{"repo_cache_size_limit_in_gb":10,"max_repo_cache_size_limit_in_gb":15}'
```

Response

Status: 204

Get GitHub Actions cache usage for an organization

✔ Works with [GitHub Apps](#)

Gets the total GitHub Actions cache usage for an organization. The data fetched using this API is refreshed approximately every 5 minutes, so values returned from this endpoint may take at least 5 minutes to get updated. You must authenticate using an access token with the `read:org` scope to use this endpoint. GitHub Apps must have the `organization_administration:read` permission to use this endpoint.

Parameters for "Get GitHub Actions cache usage for an organization"

Headers

`accept` string

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

Path parameters

`org` string **Required**

The organization name. The name is not case sensitive.

HTTP response status codes for "Get GitHub Actions cache usage for an organization"

Status code	Description
200	OK

Code samples for "Get GitHub Actions cache usage for an organization"

GET /orgs/{org}/actions/cache/usage

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/orgs/ORG/actions/cache/usage
```

Response

Example response	Response schema
Status: 200	
<pre>{ "total_active_caches_size_in_bytes": 3344284, "total_active_caches_count": 5 }</pre>	

List repositories with GitHub Actions cache usage for an organization

✔ Works with [GitHub Apps](#)

Lists repositories and their GitHub Actions cache usage for an organization. The data fetched using this API is refreshed approximately every 5 minutes, so values returned from this endpoint may take at least 5 minutes to get updated. You must authenticate using an access token with the `read:org` scope to use this endpoint. GitHub Apps must have the `organization_administration:read` permission to use this endpoint.

Parameters for "List repositories with GitHub Actions cache usage for an organization"

Headers

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

Path parameters

org string **Required**
The organization name. 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.
Default: `1`

HTTP response status codes for "List repositories with GitHub Actions cache usage for an organization"

Status code	Description
200	OK

Code samples for "List repositories with GitHub Actions cache usage for an organization"

GET

/orgs/{org}/actions/cache/usage-by-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/orgs/ORG/actions/cache/usage-by-repository
```

Response

Example response

Response schema

Status: 200

```
{ "total_count": 2, "repository_cache_usages": [ { "full_name": "octo-org/Hello-World", "active_caches_size_in_bytes": 2322142, "active_caches_count": 3 }, { "full_name": "octo-org/server", "active_caches_size_in_bytes": 1022142, "active_caches_count": 2 } ] }
```

Get GitHub Actions cache usage for a repository

✔ Works with [GitHub Apps](#)

Gets GitHub Actions cache usage for a repository. The data fetched using this API is refreshed approximately every 5 minutes, so values returned from this endpoint may take at least 5 minutes to get updated. 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 GitHub Actions cache usage 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.

HTTP response status codes for "Get GitHub Actions cache usage for a repository"

Status code	Description
-------------	-------------

Code samples for "Get GitHub Actions cache usage for a repository"

GET

/repos/{owner}/{repo}/actions/cache/usage

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/cache/usage

Response

Example response

Response schema

Status: 200

{ "full_name": "octo-org/Hello-World", "active_caches_size_in_bytes": 2322142, "active_caches_count": 3 }

Get GitHub Actions cache usage policy for a repository

✔ Works with [GitHub Apps](#)

Gets GitHub Actions cache usage policy for a repository. You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `actions:read` permission to use this endpoint.

Parameters for "Get GitHub Actions cache usage policy 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.

HTTP response status codes for "Get GitHub Actions cache usage policy for a repository"

Status code	Description
200	OK

Code samples for "Get GitHub Actions cache usage policy for a repository"

GET

/repos/{owner}/{repo}/actions/cache/usage-policy

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/cache/usage-policy
```

Response

Example response

Response schema

Status: 200

```
{ "repo_cache_size_limit_in_gb": 14 }
```

Set GitHub Actions cache usage policy for a repository

✔ Works with [GitHub Apps](#)

Sets GitHub Actions cache usage policy for a repository. 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 "Set GitHub Actions cache usage policy 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.

Body parameters

`repo_cache_size_limit_in_gb` integer Required

The size limit for the sum of all caches, in gigabytes.

HTTP response status codes for "Set GitHub Actions cache usage policy for a repository"

Status code	Description
204	No Content

Code samples for "Set GitHub Actions cache usage policy for a repository"

PATCH /repos/{owner}/{repo}/actions/cache/usage-policy

cURL

JavaScript

GitHub CLI



```
curl -L \ -X PATCH \ -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/cache/usage-policy \ -d '{"repo_cache_size_limit_in_gb":14}'
```

Response

Status: 204

List GitHub Actions caches for a repository

✔ Works with [GitHub Apps](#)

Lists the GitHub Actions caches for a repository. You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `actions:read` permission to use this endpoint.

Parameters for "List GitHub Actions caches 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

per_page integer

The number of results per page (max 100).

Default: 30

page integer

Page number of the results to fetch.

Default: 1

ref string

The full Git reference for narrowing down the cache. The `ref` for a branch should be formatted as `refs/heads/<branch name>`. To reference a pull request use `refs/pull/<number>/merge`.

key string

An explicit key or prefix for identifying the cache

sort string

The property to sort the results by. `created_at` means when the cache was created. `last_accessed_at` means when the cache was last accessed. `size_in_bytes` is the size of the cache in bytes.

Default: `last_accessed_at`

Can be one of: `created_at`, `last_accessed_at`, `size_in_bytes`

direction string

The direction to sort the results by.

Default: `desc`

Can be one of: `asc`, `desc`

HTTP response status codes for "List GitHub Actions caches for a repository"

Status code	Description
200	OK

Code samples for "List GitHub Actions caches for a repository"

GET/repos/{owner}/{repo}/actions/caches

cURLJavaScriptGitHub 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/caches
```

Response

Example responseResponse schema

Status: 200

```
{ "total_count": 1, "actions_caches": [ { "id": 505, "ref": "refs/heads/main", "key": "Linux-node-958aff96db2d75d67787d1e634ae70b659de937b", "version": "73885106f58cc52a7df9ec4d4a5622a5614813162cb516c759a30af6bf56e6f0", "last_accessed_at": "2019-01-24T22:45:36.000Z", "created_at": "2019-01-24T22:45:36.000Z", "size_in_bytes": 1024 } ] }
```

Delete GitHub Actions caches for a repository (using a cache key)

✔ Works with [GitHub Apps](#)

Deletes one or more GitHub Actions caches for a repository, using a complete cache key. By default, all caches that match the provided key are deleted, but you can optionally provide a Git ref to restrict deletions to caches that match both the provided key and the Git ref.

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 GitHub Actions caches for a repository (using a cache key)"

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

key string **Required**
A key for identifying the cache.

ref string
The full Git reference for narrowing down the cache. The `ref` for a branch should be formatted as `refs/heads/<branch name>`. To reference a pull request use `refs/pull/<number>/merge`.

HTTP response status codes for "Delete GitHub Actions caches for a repository (using a cache key)"

Status code	Description
200	OK

Code samples for "Delete GitHub Actions caches for a repository (using a cache key)"


DELETE

`/repos/{owner}/{repo}/actions/caches`

cURL

JavaScript

GitHub CLI



```
curl -L \ -X DELETE \ -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/caches?key=Linux-node-958aff96db2d75d67787d1e634ae70b659de937b"

Response

Example response	Response schema
Status: 200	
<pre>{ "total_count": 1, "actions_caches": [{ "id": 505, "ref": "refs/heads/main", "key": "Linux-node-958aff96db2d75d67787d1e634ae70b659de937b", "version": "73885106f58cc52a7df9ec4d4a5622a5614813162cb516c759a30af6bf56e6f0", "last_accessed_at": "2019-01-24T22:45:36.000Z", "created_at": "2019-01-24T22:45:36.000Z", "size_in_bytes": 1024 }] }</pre>	

Delete a GitHub Actions cache for a repository (using a cache ID)

✔ Works with [GitHub Apps](#)

Deletes a GitHub Actions cache for a repository, using a cache 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 "Delete a GitHub Actions cache for a repository (using a cache ID)"

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.

`cache_id` integer **Required**
The unique identifier of the GitHub Actions cache.

HTTP response status codes for "Delete a GitHub Actions cache for a repository (using a cache ID)"

Status code	Description
204	No Content

Code samples for "Delete a GitHub Actions cache for a repository (using a cache ID)"

DELETE /repos/{owner}/{repo}/actions/caches/{cache_id}

cURL JavaScript GitHub CLI



```
curl -L \ -X DELETE \ -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/caches/CACHE_ID
```

Response

Status: 204

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