

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

Starring

Use the REST API to bookmark a repository.

About starring

You can use the REST API to star (bookmark) a repository. Stars are shown next to repositories to show an approximate level of interest. Stars have no effect on notifications or the activity feed. For more information, see "[Saving repositories with stars](#)."

Starring versus watching

In August 2012, we [changed the way watching works](#) on GitHub. Some API client applications may still be using the original "watcher" endpoints for accessing this data. You should now use the "star" endpoints instead (described below). For more information, see the REST API "[Watching](#)" documentation and the [Watcher API changelog post](#).

In responses from the REST API, `watchers`, `watchers_count`, and `stargazers_count` correspond to the number of users that have starred a repository, whereas `subscribers_count` corresponds to the number of watchers.

Custom media types for starring

There is one supported custom media type for these endpoints. When you use this custom media type, you will receive a response with the `starred_at` timestamp property that indicates the time the star was created. The response also has a second property that includes the resource that is returned when the custom media type is not included. The property that contains the resource will be either `user` or `repo`.

```
application/vnd.github.star+json
```

For more information about media types, see "[Media types](#)."

List stargazers

✔ Works with [GitHub Apps](#)

Lists the people that have starred the repository.

You can also find out *when* stars were created by passing the following custom [media type](#) via the `Accept` header:
`application/vnd.github.star+json`.

Parameters for "List stargazers"

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`

HTTP response status codes for "List stargazers"

Status code	Description
200	OK
422	Validation failed, or the endpoint has been spammed.

Code samples for "List stargazers"

Example 1: Status Code 200 ↕

GET

/repos/{owner}/{repo}/stargazers

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/stargazers
```

Default response

Example response

Response schema

Status: 200

```
[ { "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", "following_url": "https://HOSTNAME/users/octocat/following{other_user}", "gists_url":
```

```
"https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}",
"subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs",
"repos_url": "https://HOSTNAME/users/octocat/repos", "events_url": "https://HOSTNAME/users/octocat/events{/privacy}",
```

List repositories starred by the authenticated user

Lists repositories the authenticated user has starred.

You can also find out *when* stars were created by passing the following custom [media type](#) via the `Accept` header:
`application/vnd.github.star+json`.

Parameters for "List repositories starred by the authenticated user"

Headers

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

Query parameters

sort string
The property to sort the results by. `created` means when the repository was starred. `updated` means when the repository was last pushed to.
Default: `created`
Can be one of: `created`, `updated`

direction string
The direction to sort the results by.
Default: `desc`
Can be one of: `asc`, `desc`

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 starred by the authenticated user"

Status code	Description
200	OK
304	Not modified
401	Requires authentication
403	Forbidden

Code samples for "List repositories starred by the authenticated user"

Example 1: Status Code 200 (application/json) ▾

GET /user/starred

cURL

JavaScript

GitHub CLI

Copy icon

```
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/user/starred
```

Default response

Example response

Response schema

Status: 200

```
[ { "id": 1296269, "node_id": "MDEwOlJlcG9zaXRvcnkxMjk2MjY5", "name": "Hello-World", "full_name": "octocat/Hello-World", "owner": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravavatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/following{other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs",
```

Check if a repository is starred by the authenticated user [↗](#)

Whether the authenticated user has starred the repository.

Parameters for "Check if a repository is starred by the authenticated user"

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 "Check if a repository is starred by the authenticated user"

Status code	Description
204	Response if this repository is starred by you

304	Not modified
401	Requires authentication
403	Forbidden
404	Not Found if this repository is not starred by you

Code samples for "Check if a repository is starred by the authenticated user"

GET

/user/starred/{owner}/{repo}

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/user/starred/OWNER/REPO
```

Response if this repository is starred by you

Status: 204

Star a repository for the authenticated user

Note that you'll need to set `Content-Length` to zero when calling out to this endpoint. For more information, see "[HTTP verbs](#)."

Parameters for "Star a repository for the authenticated user"

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 "Star a repository for the authenticated user"

Status code	Description
204	No Content

304	Not modified
401	Requires authentication
403	Forbidden
404	Resource not found

Code samples for "Star a repository for the authenticated user"

PUT

/user/starred/{owner}/{repo}

cURL

JavaScript

GitHub CLI

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

Response

Status: 204

Unstar a repository for the authenticated user

Unstar a repository that the authenticated user has previously starred.

Parameters for "Unstar a repository for the authenticated user"

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 "Unstar a repository for the authenticated user"

Status code	Description
204	No Content

204	No Content
304	Not modified
401	Requires authentication
403	Forbidden
404	Resource not found

Code samples for "Unstar a repository for the authenticated user"

DELETE

/user/starred/{owner}/{repo}

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/user/starred/OWNER/REPO
```

Response

Status: 204

List repositories starred by a user

Works with [GitHub Apps](#)

Lists repositories a user has starred.

You can also find out *when* stars were created by passing the following custom [media type](#) via the `Accept` header: `application/vnd.github.star+json`.

Parameters for "List repositories starred by a user"

Headers

`accept` string

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

Path parameters

`username` string **Required**

The handle for the GitHub user account.

Query parameters

`sort` string

Sort by:

The property to sort the results by. `created` means when the repository was starred. `updated` means when the repository was last pushed to.

Default: `created`

Can be one of: `created` , `updated`

direction string

The direction to sort the results by.

Default: `desc`

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

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 starred by a user"

Status code	Description
200	OK

Code samples for "List repositories starred by a user"

GET

/users/{username}/starred

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/users/USERNAME/starred
```

Default response

Example response

Response schema

Status: 200

```
[ { "id": 1296269, "node_id": "MDEwOlJlcG9zaXRvcnkxMjk2MjY5", "name": "Hello-World", "full_name": "octocat/Hello-World", "owner": { "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", "following_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{/repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs",
```

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