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"
\ https://api.github.com/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://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url":
"https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}",
```

"gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url":
"https://api.github.com/users/octocat/starred{/owner}{/repo}", "subscriptions_url":
"https://api.github.com/users/octocat/subscriptions", "organizations_url": "https://api.github.com/users/octocat/orgs",

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

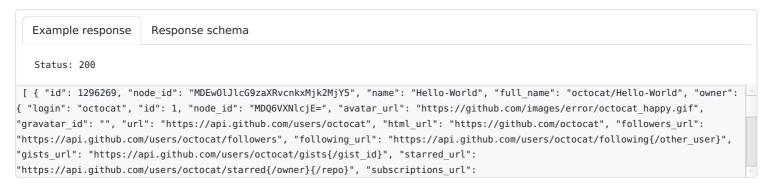## Code samples for "List repositories starred by the authenticated user"

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

GET `/user/starred`

cURL JavaScript GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28"
\ https://api.github.com/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",
"gravatar_id": "", "url": "https://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url":
"https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}",
"gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url":
"https://api.github.com/users/octocat/starred{/owner}{/repo}", "subscriptions_url":
```

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"
\ https://api.github.com/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" \ https://api.github.com/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" \ https://api.github.com/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

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" \ https://api.github.com/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://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url": "https://api.github.com/users/octocat/starred{/owner}{/repo}", "subscriptions_url":
```