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

Watching

Use the REST API to subscribe to notifications for activity in a repository.

About watching 🔗

You can use the REST API to subscribe to notifications for activity in a repository. To bookmark a repository instead, see "Starring."

Watching versus starring 🔗

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. For more information, see the REST API "Starring" documentation and the Watcher API Change post.

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

List watchers 🔗

✅ Works with GitHub Apps

Lists the people watching the specified repository.

Parameters for "List watchers"

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

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 watchers"

Status code	Description
`200`	OK

Code samples for "List watchers"

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}",
```

Get a repository subscription 🔗

Gets information about whether the authenticated user is subscribed to the repository.

Parameters for "Get a repository subscription"

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 a repository subscription"

Status code	Description
200	if you subscribe to the repository
403	Forbidden
404	Not Found if you don't subscribe to the repository

Code samples for "Get a repository subscription"

GET `/repos/{owner}/{repo}/subscription`

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/subscription
```

if you subscribe to the repository

Example response   Response schema

Status: 200

```
{ "subscribed": true, "ignored": false, "reason": null, "created_at": "2012-10-06T21:34:12Z", "url":
"https://HOSTNAME/repos/octocat/example/subscription", "repository_url": "https://HOSTNAME/repos/octocat/example" }
```

Set a repository subscription 🔗

If you would like to watch a repository, set `subscribed` to `true`. If you would like to ignore notifications made within a repository, set `ignored` to `true`. If you would like to stop watching a repository, [delete the repository's subscription](#) completely.

Parameters for "Set a repository subscription"

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

`subscribed` boolean

Determines if notifications should be received from this repository.

`ignored` boolean

Determines if all notifications should be blocked from this repository.

HTTP response status codes for "Set a repository subscription"

Status code	Description
`200`	OK

Code samples for "Set a repository subscription"

> PUT `/repos/{owner}/{repo}/subscription`

---

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/repos/OWNER/REPO/subscription \ -d '{"subscribed":true,"ignored":false}'
```

Response

Example response   Response schema

Status: 200

```
{ "subscribed": true, "ignored": false, "reason": null, "created_at": "2012-10-06T21:34:12Z", "url":
"https://HOSTNAME/repos/octocat/example/subscription", "repository_url": "https://HOSTNAME/repos/octocat/example" }
```

Delete a repository subscription 🔗

This endpoint should only be used to stop watching a repository. To control whether or not you wish to receive

notifications from a repository, [set the repository's subscription manually](#).

Parameters for "Delete a repository subscription"

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 "Delete a repository subscription"

Status code	Description
`204`	No Content

Code samples for "Delete a repository subscription"

`DELETE` /repos/{owner}/{repo}/subscription

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/subscription
```

Response

```
Status: 204
```

List repositories watched by the authenticated user 🔗

Lists repositories the authenticated user is watching.

Parameters for "List repositories watched by the authenticated user"

Headers

accept string

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

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 watched by the authenticated user"

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

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

GET `/user/subscriptions`

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/subscriptions
```

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",
```

List repositories watched by a user 🔗

✓ Works with GitHub Apps

Lists repositories a user is watching.

Parameters for "List repositories watched 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

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 watched by a user"

Status code	Description
`200`	OK

Code samples for "List repositories watched by a user"

GET `/users/{username}/subscriptions`

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/subscriptions
```

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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