



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

# **Collaborators**

Use the REST API to manage collaborators for a repository.

## List repository collaborators @

## Works with <u>GitHub Apps</u>

For organization-owned repositories, the list of collaborators includes outside collaborators, organization members that are direct collaborators, organization members with access through team memberships, organization members with access through default organization permissions, and organization owners. Organization members with write, maintain, or admin privileges on the organization-owned repository can use this endpoint.

Team members will include the members of child teams.

You must authenticate using an access token with the read:org and repo scopes with push access to use this endpoint. GitHub Apps must have the members organization permission and metadata repository permission to use this endpoint.

## Parameters for "List repository collaborators"

#### 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

#### affiliation string

Filter collaborators returned by their affiliation. outside means all outside collaborators of an organization-owned repository. direct means all collaborators with permissions to an organization-owned repository, regardless of organization membership status. all means all collaborators the authenticated user can see.

Default: all

Can be one of: outside, direct, all

Filter collaborators by the permissions they have on the repository. If not specified, all collaborators will be returned.

Can be one of: pull, triage, push, maintain, admin

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 repository collaborators"

Status code	Description
200	OK
404	Resource not found

## Code samples for "List repository collaborators"



## 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_url": "https://HOSTNAME/users/octocat/following_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/starred{/owner}{/repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/orgs", "repos_url": "https://HOSTNAME/users/octocat/repos", "events_url": "https://HOSTNAME/users/octocat/events{/privacy}", "**

**Total Company **T
```

# Check if a user is a repository collaborator &

#### Works with <u>GitHub Apps</u>

For organization-owned repositories, the list of collaborators includes outside collaborators, organization members that are direct collaborators, organization members with access through team memberships, organization members with access through default organization permissions, and organization owners.

Team members will include the members of child teams.

You must authenticate using an access token with the read:org and repo scopes with push access to use this endpoint. GitHub Apps must have the members organization permission and metadata repository permission to use this endpoint.

## Parameters for "Check if a user is a repository collaborator"

#### **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.

username string Required

The handle for the GitHub user account.

## HTTP response status codes for "Check if a user is a repository collaborator"

Status code	Description
204	Response if user is a collaborator
404	Not Found if user is not a collaborator

## Code samples for "Check if a user is a repository collaborator"



#### Response if user is a collaborator

Status: 204

# Add a repository collaborator &

This endpoint triggers <u>notifications</u>. Creating content too quickly using this endpoint may result in secondary rate limiting. See "<u>Secondary rate limits</u>" and "<u>Dealing with secondary rate limits</u>" for details.

Adding an outside collaborator may be restricted by enterprise administrators. For more information, see "<u>Enforcing repository management policies in your enterprise</u>."

For more information on permission levels, see "Repository permission levels for an organization". There are restrictions on which permissions can be granted to organization members when an organization base role is in place. In this case, the permission being given must be equal to or higher than the org base permission. Otherwise, the request will fail with:

```
Cannot assign {member} permission of {role name}
```

Note that, if you choose not to pass any parameters, you'll need to set Content-Length to zero when calling out to this endpoint. For more information, see "HTTP verbs."

#### Updating an existing collaborator's permission level

The endpoint can also be used to change the permissions of an existing collaborator without first removing and readding the collaborator. To change the permissions, use the same endpoint and pass a different permission parameter. The response will be a 204, with no other indication that the permission level changed.

### Parameters for "Add a repository collaborator"

#### **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 <code>.git</code> extension. The name is not case sensitive.

username string Required

The handle for the GitHub user account.

#### **Body parameters**

permission string

The permission to grant the collaborator. Only valid on organization-owned repositories.

Default: push

## HTTP response status codes for "Add a repository collaborator"

#### Status code Description

204

Response when:

- an existing collaborator is added as a collaborator
- an organization member is added as an individual collaborator

 an existing team member (whose team is also a repository collaborator) is added as an individual collaborator

403 Forbidden

422 Validation failed, or the endpoint has been spammed.

## Code samples for "Add a repository collaborator"



#### Response when:

- · an existing collaborator is added as a collaborator
- · an organization member is added as an individual collaborator
- an existing team member (whose team is also a repository collaborator) is added as an individual collaborator

Status: 204

## Remove a repository collaborator &

Works with <u>GitHub Apps</u>

Removes a collaborator from a repository.

To use this endpoint, the authenticated user must either be an administrator of the repository or target themselves for removal.

This endpoint also:

- Cancels any outstanding invitations
- Unasigns the user from any issues
- Removes access to organization projects if the user is not an organization member and is not a collaborator on any other organization repositories.
- Unstars the repository
- Updates access permissions to packages

Removing a user as a collaborator has the following effects on forks:

- If the user had access to a fork through their membership to this repository, the user will also be removed from the fork.
- If the user had their own fork of the repository, the fork will be deleted.
- If the user still has read access to the repository, open pull requests by this user from a fork will be denied.

**Note**: A user can still have access to the repository through organization permissions like base repository permissions.

Although the API responds immediately, the additional permission updates might take some extra time to complete in the background.

For more information on fork permissions, see "About permissions and visibility of forks".

## Parameters for "Remove a repository collaborator"

### 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 <code>.git</code> extension. The name is not case sensitive.

username string Required

The handle for the GitHub user account.

## HTTP response status codes for "Remove a repository collaborator"

Status code	Description
204	No Content when collaborator was removed from the repository.
403	Forbidden
422	Validation failed, or the endpoint has been spammed.

## Code samples for "Remove a repository collaborator"



## No Content when collaborator was removed from the repository.

Status: 204

# **Get repository permissions for a user** *∂*

Checks the repository permission of a collaborator. The possible repository permissions are  $\frac{1}{2}$  admin, write, read, and none.

Note: The permission attribute provides the legacy base roles of admin, write, read, and none, where the maintain role is mapped to write and the triage role is mapped to read. To determine the role assigned to the collaborator, see the role\_name attribute, which will provide the full role name, including custom roles. The permissions hash can also be used to determine which base level of access the collaborator has to the repository.

## Parameters for "Get repository permissions for a 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.

username string Required

The handle for the GitHub user account.

## HTTP response status codes for "Get repository permissions for a user"

Status code	Description
200	if user has admin permissions
404	Resource not found

## Code samples for "Get repository permissions for a user"



## if user has admin permissions

Example response Response schema

Status: 200

{ "permission": "admin", "role\_name": "admin", "user": { "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":

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