Q



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

Organization members

Use the REST API to manage memberships in your organization.

List failed organization invitations &

Works with <u>GitHub Apps</u>

The return hash contains failed_at and failed_reason fields which represent the time at which the invitation failed and the reason for the failure.

Parameters for "List failed organization invitations"

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 failed organization invitations"

Status code	Description
200	OK
404	Resource not found

Code samples for "List failed organization invitations"

```
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/orgs/ORG/failed_invitations
```

Response

```
Example response Response schema

Status: 200

[ { "id": 1, "login": "monalisa", "node_id": "MDQ6VXNlcjE=", "email": "octocat@github.com", "role": "direct_member", "created_at": "2016-11-30T06:46:10-08:00", "failed_at": "", "failed_reason": "", "inviter": { "login": "other_user", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/other_user_happy.gif", "gravatar_id": "", "url": "https://api.github.com/users/other_user", "html_url": "https://github.com/other_user", "followers_url": "https://api.github.com/users/other_user/followers", "following_url": "https://api.github.com/users/other_user/following{/other_user}", "gists_url":
```

List pending organization invitations &

Works with <u>GitHub Apps</u>

The return hash contains a role field which refers to the Organization Invitation role and will be one of the following values: direct_member, admin, billing_manager, or hiring_manager. If the invitee is not a GitHub Enterprise Cloud member, the login field in the return hash will be null.

Parameters for "List pending organization invitations"

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

role string

Filter invitations by their member role.

Default: all

Can be one of: all, admin, direct_member, billing_manager, hiring_manager

invitation_source string

Filter invitations by their invitation source.

Default: all

Can be one of: all, member, scim

HTTP response status codes for "List pending organization invitations"

Status code	Description
200	ОК
404	Resource not found

Code samples for "List pending organization invitations"



Response

Create an organization invitation @

Works with <u>GitHub Apps</u>

Invite people to an organization by using their GitHub user ID or their email address. In order to create invitations in an organization, the authenticated user must be an organization owner.

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.

Parameters for "Create an organization invitation"

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.

Body parameters

invitee id integer

Required unless you provide email . GitHub user ID for the person you are inviting.

email string

Required unless you provide invitee_id. Email address of the person you are inviting, which can be an existing GitHub user.

role string

The role for the new member.

- admin Organization owners with full administrative rights to the organization and complete access to all repositories and teams.
- direct member Non-owner organization members with ability to see other members and join teams by invitation.
- billing_manager Non-owner organization members with ability to manage the billing settings of your organization.

Default: direct_member

Can be one of: admin , direct_member , billing_manager

team_ids array of integers

Specify IDs for the teams you want to invite new members to.

HTTP response status codes for "Create an organization invitation"

Status code	Description
201	Created
404	Resource not found
422	Validation failed, or the endpoint has been spammed.

СŌ

Code samples for "Create an organization invitation"

POST /orgs/{org}/invitations

cURL JavaScript GitHub CLI

```
curl -L \ -X POST \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:
2022-11-28" \ https://api.github.com/orgs/ORG/invitations \ -d '{"email":"octocat@github.com","role":"direct_member","team_ids":
[12,26]}'
```

Response

```
Example response Response schema

Status: 201

{ "id": 1, "login": "monalisa", "node_id": "MDQ6VXNlcjE=", "email": "octocat@github.com", "role": "direct_member", "created_at": "2016-11-30T06:46:10-08:00", "inviter": { "login": "other_user", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/other_user_happy.gif", "gravatar_id": "", "url": "https://api.github.com/users/other_user", "followers_url": "https://api.github.com/users/other_user/following_url": "https://api.github.com/users/other_user/following{/other_user}", "gists_url": "https://api.github.com/users/other_user/starred{/owner}

"https://api.github.com/users/other_user/starred{/owner}
```

Cancel an organization invitation &

Works with <u>GitHub Apps</u>

Cancel an organization invitation. In order to cancel an organization invitation, the authenticated user must be an organization owner.

This endpoint triggers notifications.

Parameters for "Cancel an organization invitation"

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.

invitation_id integer Required

The unique identifier of the invitation.

HTTP response status codes for "Cancel an organization invitation"

Status code	Description
204	No Content
404	Resource not found
422	Validation failed, or the endpoint has been spammed.

Code samples for "Cancel an organization invitation"



Response

Status: 204

List organization invitation teams &

Works with GitHub Apps

List all teams associated with an invitation. In order to see invitations in an organization, the authenticated user must be an organization owner.

Parameters for "List organization invitation teams"

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.

invitation_id integer Required

The unique identifier of the invitation.

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 organization invitation teams"

Status code	Description
200	OK
404	Resource not found

Code samples for "List organization invitation teams"



Response

```
Example response Response schema

Status: 200

[ { "id": 1, "node_id": "MDQ6VGVhbTE=", "url": "https://api.github.com/teams/1", "html_url":
"https://github.com/orgs/github/teams/justice-league", "name": "Justice League", "slug": "justice-league", "description": "A great team.", "privacy": "closed", "notification_setting": "notifications_enabled", "permission": "admin", "members_url":
"https://api.github.com/teams/1/members{/member}", "repositories_url": "https://api.github.com/teams/1/repos", "parent": null } ]
```

List organization members &

Works with GitHub Apps

List all users who are members of an organization. If the authenticated user is also a member of this organization then both concealed and public members will be returned.

Parameters for "List organization members"

Headers

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

Path parameters

The organization name. The name is not case sensitive.

Query parameters

filter string

Filter members returned in the list. 2fa_disabled means that only members without two-factor authentication enabled will be returned. This options is only available for organization owners.

Default: all

Can be one of: 2fa disabled, all

role string

Filter members returned by their role.

Default: all

Can be one of: all, admin, member

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 organization members"

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

Code samples for "List organization members"



Response

Example response	Response schema
Status: 200	

[{ "login": "octocat", "id": 1, "node_id": "MDQOVANIC]E=", "avatar_urt": "nttps://github.com/images/error/octocat_nappy.git",
"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/orgs",

Check organization membership for a user &

Works with <u>GitHub Apps</u>

Check if a user is, publicly or privately, a member of the organization.

Parameters for "Check organization membership for a user"

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.

username string Required

The handle for the GitHub user account.

HTTP response status codes for "Check organization membership for a user"

Status code	Description
204	Response if requester is an organization member and user is a member
302	Response if requester is not an organization member
404	Not Found if requester is an organization member and user is not a member

Code samples for "Check organization membership for a user"



Response if requester is an organization member and user is a member

Status: 204

Remove an organization member &

Works with <u>GitHub Apps</u>

Removing a user from this list will remove them from all teams and they will no longer have any access to the organization's repositories.

Parameters for "Remove an organization member"

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.

username string Required

The handle for the GitHub user account.

HTTP response status codes for "Remove an organization member"

Status code	Description
204	No Content
403	Forbidden

Code samples for "Remove an organization member"



Response

Status: 204

Get organization membership for a user @

Works with <u>GitHub Apps</u>

In order to get a user's membership with an organization, the authenticated user must be an organization member. The state parameter in the response can be used to identify the user's membership status.

Parameters for "Get organization membership for a user"

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.

username string Required

The handle for the GitHub user account.

HTTP response status codes for "Get organization membership for a user"

Status code	Description
200	ОК
403	Forbidden
464	Resource not found

Code samples for "Get organization membership for a user"



Response if user has an active admin membership with organization

Example response Response schema
Status: 200

```
{ "url": "nttps://api.github.com/orgs/octocat/membersnips/detunkt", "state": "active", "role": "admin", "organization_url":

"https://api.github.com/orgs/octocat", "organization": { "login": "github", "id": 1, "node_id": "MDEy0k9yZ2FuaXphdGlvbjE=", "url":

"https://api.github.com/orgs/github", "repos_url": "https://api.github.com/orgs/github/repos", "events_url":

"https://api.github.com/orgs/github/events", "hooks_url": "https://api.github.com/orgs/github/hooks", "issues_url":

"https://api.github.com/orgs/github/issues", "members_url": "https://api.github.com/orgs/github/members{/member}",

"public_members_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url":
```

Set organization membership for a user @

Works with <u>GitHub Apps</u>

Only authenticated organization owners can add a member to the organization or update the member's role.

- If the authenticated user is *adding* a member to the organization, the invited user will receive an email inviting them to the organization. The user's <u>membership status</u> will be <u>pending</u> until they accept the invitation.
- Authenticated users can *update* a user's membership by passing the role parameter. If the authenticated user changes a member's role to admin, the affected user will receive an email notifying them that they've been made an organization owner. If the authenticated user changes an owner's role to member, no email will be sent.

Rate limits

To prevent abuse, the authenticated user is limited to 50 organization invitations per 24 hour period. If the organization is more than one month old or on a paid plan, the limit is 500 invitations per 24 hour period.

Parameters for "Set organization membership for a user"

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.

username string Required

The handle for the GitHub user account.

Body parameters

role string

The role to give the user in the organization. Can be one of:

- admin The user will become an owner of the organization.
- member The user will become a non-owner member of the organization.

Default: member

Can be one of: admin , member

HTTP response status codes for "Set organization membership for a user"

Status code Description

200	OK
403	Forbidden
422	Validation failed, or the endpoint has been spammed.

Code samples for "Set organization membership for a user"



Response if user has an active admin membership with organization

```
Example response Response schema

Status: 200

{ "url": "https://api.github.com/orgs/octocat/memberships/defunkt", "state": "active", "role": "admin", "organization_url": "https://api.github.com/orgs/octocat", "organization": { "login": "github", "id": 1, "node_id": "MDEyOk9yZZFuaXphdGlvbjE=", "url": "https://api.github.com/orgs/github/repos", "events_url": "https://api.github.com/orgs/github/repos", "events_url": "https://api.github.com/orgs/github/hooks", "issues_url": "https://api.github.com/orgs/github/hooks", "issues_url": "https://api.github.com/orgs/github/members{/member}", "public_members_url": "https://api.github.com/orgs/github/members{/member}", "avatar_url": "public_members_url": "https://api.github.com/orgs/github/public_members_", "avatar_url": "public_members_url": "public_member
```

Remove organization membership for a user @

Works with <u>GitHub Apps</u>

In order to remove a user's membership with an organization, the authenticated user must be an organization owner.

If the specified user is an active member of the organization, this will remove them from the organization. If the specified user has been invited to the organization, this will cancel their invitation. The specified user will receive an email notification in both cases.

Parameters for "Remove organization membership for a user"

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.

username string Required

The handle for the GitHub user account.

HTTP response status codes for "Remove organization membership for a user"

Status code	Description
204	No Content
403	Forbidden
404	Resource not found

Code samples for "Remove organization membership for a user"



Response

Status: 204

List public organization members &

Works with <u>GitHub Apps</u>

Members of an organization can choose to have their membership publicized or not.

Parameters for "List public organization members"

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 public organization members"

Status code Description

200 OK

Code samples for "List public organization members"



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/orgs", "organizations_url": "https://api.github.com/users/octocat/orgs", "

Check public organization membership for a user $\mathscr P$

Works with <u>GitHub Apps</u>

Check if the provided user is a public member of the organization.

Parameters for "Check public organization membership for a user"

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.

username string Required

The handle for the GitHub user account.

HTTP response status codes for "Check public organization membership for a user"

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

Code samples for "Check public organization membership for a user"



Response if user is a public member

Status: 204

Set public organization membership for the authenticated user &

The user can publicize their own membership. (A user cannot publicize the membership for another 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 "Set public organization membership for the authenticated user"

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.

username string Required

The handle for the GitHub user account.

HTTP response status codes for "Set public organization membership for the authenticated user"

Status code	Description
204	No Content
403	Forbidden

Code samples for "Set public organization membership for the authenticated user"



Response

Status: 204

Remove public organization membership for the authenticated user &

Removes the public membership for the authenticated user from the specified organization, unless public visibility is enforced by default.

Parameters for "Remove public organization membership for the authenticated user"

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.

username string Required

The handle for the GitHub user account

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HTTP response status codes for "Remove public organization membership for the authenticated user"

Status code Description

No Content

Code samples for "Remove public organization membership for the authenticated user"

DELETE /orgs/{org}/public_members/{username}

cURL JavaScript GitHub CLI

G

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/orgs/ORG/public_members/USERNAME

Response

Status: 204

List organization memberships for the authenticated user &

Works with <u>GitHub Apps</u>

Lists all of the authenticated user's organization memberships.

Parameters for "List organization memberships for the authenticated user"

Headers

accept string

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

Query parameters

state string

Indicates the state of the memberships to return. If not specified, the API returns both active and pending memberships.

Can be one of: active, pending

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 organization memberships for the authenticated user"

Status code	Description
200	OK
304	Not modified
401	Requires authentication
403	Forbidden
422	Validation failed, or the endpoint has been spammed.

Code samples for "List organization memberships for the authenticated user"



Response

```
Example response Response schema

Status: 200

[ { "url": "https://api.github.com/orgs/octocat/memberships/defunkt", "state": "active", "role": "admin", "organization_url": "https://api.github.com/orgs/octocat", "organization": { "login": "github", "id": 1, "node_id": "MDEy0k9yZ2FuaXphdGlvbjE=", "url": "https://api.github.com/orgs/github", "repos_url": "https://api.github.com/orgs/github/repos", "events_url": "https://api.github.com/orgs/github/events", "hooks_url": "https://api.github.com/orgs/github/hooks", "issues_url": "https://api.github.com/orgs/github/members{/member}", "public_members_url": "https://api.github.com/orgs/github/members{/member}", "avatar_url": "public_members_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github/public_members_url": "public_members_url": "https://api.github/public_members_url": "public_members_url": "public_mem
```

Get an organization membership for the authenticated user @

Works with <u>GitHub Apps</u>

If the authenticated user is an active or pending member of the organization, this endpoint will return the user's membership. If the authenticated user is not affiliated with the organization, a 404 is returned. This endpoint will return a 403 if the request is made by a GitHub App that is blocked by the organization.

Parameters for "Get an organization membership for the authenticated user"

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 an organization membership for the authenticated user"

Status code	Description
200	ОК
403	Forbidden
404	Resource not found

Code samples for "Get an organization membership for the authenticated user"



Response

```
Example response Response schema

Status: 200

{ "url": "https://api.github.com/orgs/invitocat/memberships/defunkt", "state": "pending", "role": "admin", "organization_url": "https://api.github.com/orgs/invitocat", "organization": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "url": "https://api.github.com/orgs/github/repos", "events_url": "https://api.github.com/orgs/github/repos", "events_url": "https://api.github.com/orgs/github/hooks", "issues_url": "https://api.github.com/orgs/github/hooks", "issues_url": "https://api.github.com/orgs/github/members{/member}", "public_members_url": "https://api.github/com/orgs/github/members{/member}", "avatar_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url": "https://api.github.com/orgs/github/public_members{/members_url}"; "https://api.github.com/orgs/github/public_members_url}"; "https://api.github.com/orgs/github/public_members_url}"; "https://api.github/public_members_url}"; "https://api.github/public_members_url}"; "https://api.github/public_mem
```

Update an organization membership for the authenticated user &

Works with <u>GitHub Apps</u>

Converts the authenticated user to an active member of the organization, if that user has a pending invitation from the organization.

Parameters for "Update an organization membership for the authenticated user"

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.

Body parameters

state string Required

The state that the membership should be in. Only "active" will be accepted.

Value: active

HTTP response status codes for "Update an organization membership for the authenticated user"

Status code	Description
200	ОК
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.

Code samples for "Update an organization membership for the authenticated user"



Response

```
Example response Response schema

Status: 200

{ "url": "https://api.github.com/orgs/octocat/memberships/defunkt", "state": "active", "role": "admin", "organization_url": "https://api.github.com/orgs/octocat", "organization": { "login": "github", "id": 1, "node_id": "MDEy0k9yZ2FuaXphdGlvbjE=", "url": "https://api.github.com/orgs/github", "repos_url": "https://api.github.com/orgs/github/repos", "events_url": "https://api.github.com/orgs/github/hooks", "issues_url": "https://api.github.com/orgs/github/hooks", "issues_url": "https://api.github.com/orgs/github/members{/member}", "public_members_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github.com/orgs/github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github/public_members{/member}", "avatar_url": "public_members_url": "https://api.github/public_members{/member}", "avatar_url": "public_members_url": "public_members_
```

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