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

Codespaces organizations

Use the REST API to manage your organization members codespaces.

About Codespaces organizations 🔗

You can manage Codespaces billed to your organization. These endpoints are available for authenticated organization owners and OAuth apps, but not GitHub Apps. For more information, see "GitHub Codespaces documentation."

List codespaces for the organization 🔗

Lists the codespaces associated to a specified organization.

You must authenticate using an access token with the `admin:org` scope to use this endpoint.

Parameters for "List codespaces for the organization"

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 codespaces for the organization"

Status code	Description

200	OK
304	Not modified
401	Requires authentication
403	Forbidden
404	Resource not found
500	Internal Error

Code samples for "List codespaces for the organization"

> GET `/orgs/{org}/codespaces`

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/codespaces
```

Response

Example response   Response schema

Status: 200

```
{ "total_count": 3, "codespaces": [ { "id": 1, "name": "monalisa-octocat-hello-world-g4wpq6h95q", "environment_id": "26a7c758-
7299-4a73-b978-5a92a7ae98a0", "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":
```

Manage access control for organization codespaces 🔗

Sets which users can access codespaces in an organization. This is synonymous with granting or revoking codespaces access permissions for users according to the visibility. You must authenticate using an access token with the `admin:org` scope to use this endpoint.

Parameters for "Manage access control for organization codespaces"

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

`visibility`   string   Required

Which users can access codespaces in the organization. `disabled` means that no users can access codespaces in the organization.

Can be one of: `disabled`, `selected_members`, `all_members`, `all_members_and_outside_collaborators`

`selected_usernames`   array of strings

The usernames of the organization members who should have access to codespaces in the organization. Required when `visibility` is `selected_members`. The provided list of usernames will replace any existing value.

HTTP response status codes for "Manage access control for organization codespaces"

Status code	Description
204	Response when successfully modifying permissions.
304	Not modified
400	Users are neither members nor collaborators of this organization.
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "Manage access control for organization codespaces"

PUT   /orgs/{org}/codespaces/access

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/orgs/ORG/codespaces/access \ -d '{"visibility":"selected_members","selected_usernames":
["johnDoe","atomIO"]}'
```

Response when successfully modifying permissions.

```
Status: 204
```

Add users to Codespaces access for an organization 🔗

Codespaces for the specified users will be billed to the organization.

To use this endpoint, the access settings for the organization must be set to `selected_members`. For information on how to change this setting, see "[Manage access control for organization codespaces](#)."

You must authenticate using an access token with the `admin:org` scope to use this endpoint.

Parameters for "Add users to Codespaces access for an organization"

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

`selected_usernames` array of strings Required	

The usernames of the organization members whose codespaces be billed to the organization.

HTTP response status codes for "Add users to Codespaces access for an organization"

Status code	Description
204	Response when successfully modifying permissions.
304	Not modified
400	Users are neither members nor collaborators of this organization.
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "Add users to Codespaces access for an organization"

POST /orgs/{org}/codespaces/access/selected_users

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/codespaces/access/selected_users \ -d '{"selected_usernames":["johnDoe","atomIO"]}'
```

Response when successfully modifying permissions.

```
Status: 204
```

Remove users from Codespaces access for an organization 🔗

Codespaces for the specified users will no longer be billed to the organization.

To use this endpoint, the access settings for the organization must be set to `selected_members` . For information on how to change this setting, see "[Manage access control for organization codespaces](.)."

You must authenticate using an access token with the `admin:org` scope to use this endpoint.

Parameters for "Remove users from Codespaces access for an organization"

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

selected_usernames array of strings Required	

The usernames of the organization members whose codespaces should not be billed to the organization.

HTTP response status codes for "Remove users from Codespaces access for an organization"

Status code	Description
204	Response when successfully modifying permissions.
304	Not modified
400	Users are neither members nor collaborators of this organization.
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "Remove users from Codespaces access for an organization"

DELETE /orgs/{org}/codespaces/access/selected_users

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/orgs/ORG/codespaces/access/selected_users \ -d '{"selected_usernames":["johnDoe","atomIO"]}'
```

Response when successfully modifying permissions.

```
Status: 204
```

List codespaces for a user in organization

Lists the codespaces that a member of an organization has for repositories in that organization.

You must authenticate using an access token with the `admin:org` scope to use this endpoint.

Parameters for "List codespaces for a user in organization"

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.

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 codespaces for a user in organization"

Status code	Description
`200`	OK
`304`	Not modified
`401`	Requires authentication
`403`	Forbidden
`404`	Resource not found

Code samples for "List codespaces for a user in organization"

`GET`   `/orgs/{org}/members/{username}/codespaces`

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/members/USERNAME/codespaces
```

Response

Example response   Response schema

Status: 200

```
{ "total_count": 3, "codespaces": [ { "id": 1, "name": "monalisa-octocat-hello-world-g4wpq6h95q", "environment_id": "26a7c758-
7299-4a73-b978-5a92a7ae98a0", "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":
```

Delete a codespace from the organization 🔗

Deletes a user's codespace.

You must authenticate using an access token with the `admin:org` scope to use this endpoint.

Parameters for "Delete a codespace from the organization"

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.

`codespace_name`   string   Required

The name of the codespace.

HTTP response status codes for "Delete a codespace from the organization"

Status code	Description
202	Accepted
304	Not modified
401	Requires authentication
403	Forbidden
404	Resource not found
500	Internal Error

Code samples for "Delete a codespace from the organization"

`DELETE` /orgs/{org}/members/{username}/codespaces/{codespace_name}

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/orgs/ORG/members/USERNAME/codespaces/CODESPACE_NAME
```

Accepted

Example response   Response schema

```
Status: 202
```

Stop a codespace for an organization user 🔗

Stops a user's codespace.

You must authenticate using an access token with the `admin:org` scope to use this endpoint.

Parameters for "Stop a codespace for an organization 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.

The organization name. The name is not case sensitive.

username string   Required

The handle for the GitHub user account.

codespace_name string   Required

The name of the codespace.

HTTP response status codes for "Stop a codespace for an organization user"

Status code	Description
`200`	OK
`304`	Not modified
`401`	Requires authentication
`403`	Forbidden
`404`	Resource not found
`500`	Internal Error

Code samples for "Stop a codespace for an organization user"

`POST` /orgs/{org}/members/{username}/codespaces/{codespace_name}/stop

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/members/USERNAME/codespaces/CODESPACE_NAME/stop
```

Response

Example response   Response schema

Status: 200

```
{ "id": 1, "name": "monalisa-octocat-hello-world-g4wpq6h95q", "environment_id": "26a7c758-7299-4a73-b978-5a92a7ae98a0", "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":
```