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

Codespaces user secrets

Use the REST API manage secrets that the user has access to in a codespace.

About Codespaces user secrets

You can create, list, and delete secrets (such as access tokens for cloud services) as well as assign secrets to repositories that the user has access to. These secrets are made available to the codespace at runtime. For more information, see "Managing secrets for your codespaces."

List secrets for the authenticated user

Lists all secrets available for a user's Codespaces without revealing their encrypted values.

You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint.

GitHub Apps must have read access to the `codespaces_user_secrets` user permission to use this endpoint.

Parameters for "List secrets for 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 secrets for the authenticated user"

Status code	Description
`200`	OK

Code samples for "List secrets for the authenticated user"

GET	/user/codespaces/secrets

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/codespaces/secrets
```

Response

Example response   Response schema

Status: 200

```
{ "total_count": 2, "secrets": [ { "name": "GH_TOKEN", "created_at": "2019-08-10T14:59:22Z", "updated_at": "2020-01-10T14:59:22Z",
"visibility": "all" }, { "name": "GIST_ID", "created_at": "2020-01-10T10:59:22Z", "updated_at": "2020-01-11T11:59:22Z", "visibility":
"all" } ] }
```

Get public key for the authenticated user 🔗

Gets your public key, which you need to encrypt secrets. You need to encrypt a secret before you can create or update secrets.

You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint.

GitHub Apps must have read access to the `codespaces_user_secrets` user permission to use this endpoint.

HTTP response status codes for "Get public key for the authenticated user"

Status code	Description
200	OK

Code samples for "Get public key for the authenticated user"

GET	/user/codespaces/secrets/public-key

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/codespaces/secrets/public-key
```

Response

```
Status: 200
```

```
{ "key_id": "012345678912345678", "key": "2Sg8iYjAxxmI2LvUXpJjkYrMxURPc8r+dB7TJyvv1234" }
```

Get a secret for the authenticated user 🔗

Gets a secret available to a user's codespaces without revealing its encrypted value.

You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint.

GitHub Apps must have read access to the `codespaces_user_secrets` user permission to use this endpoint.

Parameters for "Get a secret for the authenticated user"

Headers

`accept` string

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

Path parameters

`secret_name` string Required

The name of the secret.

HTTP response status codes for "Get a secret for the authenticated user"

Status code	Description
200	OK

Code samples for "Get a secret for the authenticated user"

GET /user/codespaces/secrets/{secret_name}

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/codespaces/secrets/SECRET_NAME
```

Response

Example response | Response schema

```
  Status: 200
```

```
{ "name": "CODESPACE_GH_SECRET", "created_at": "2019-08-10T14:59:22Z", "updated_at": "2020-01-10T14:59:22Z", "visibility":
"selected", "selected_repositories_url": "https://api.github.com/user/codespaces/secrets/CODESPACE_GH_SECRET/repositories" }
```

Create or update a secret for the authenticated user 🔗

Creates or updates a secret for a user's codespace with an encrypted value. Encrypt your secret using [LibSodium](). For more information, see "[Encrypting secrets for the REST API]()."

You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must also have Codespaces access to use this endpoint.

GitHub Apps must have write access to the `codespaces_user_secrets` user permission and `codespaces_secrets` repository permission on all referenced repositories to use this endpoint.

Parameters for "Create or update a secret for the authenticated user"

Headers

accept   string

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

Path parameters

secret_name   string   Required

The name of the secret.

Body parameters

encrypted_value   string

Value for your secret, encrypted with [LibSodium]() using the public key retrieved from the [Get the public key for the authenticated user]() endpoint.

key_id   string   Required

ID of the key you used to encrypt the secret.

selected_repository_ids   array

An array of repository ids that can access the user secret. You can manage the list of selected repositories using the [List selected repositories for a user secret](), [Set selected repositories for a user secret](), and [Remove a selected repository from a user secret]() endpoints.

HTTP response status codes for "Create or update a secret for the authenticated user"

Status code	Description
201	Response after successfully creating a secret

204	Response after successfully updating a secret
404	Resource not found
422	Validation failed, or the endpoint has been spammed.

Code samples for "Create or update a secret for the authenticated user"

Example 1: Status Code 201 (application/json) ⬍

PUT /user/codespaces/secrets/{secret_name}

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/codespaces/secrets/SECRET_NAME \ -d
'{"encrypted_value":"c2VjcmV0","key_id":"012345678912345678","selected_repository_ids":["1234567","2345678"]}'
```

Response after successfully creating a secret

Example response	Response schema
Status: 201	

Delete a secret for the authenticated user 🔗

Deletes a secret from a user's codespaces using the secret name. Deleting the secret will remove access from all codespaces that were allowed to access the secret.

You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint.

GitHub Apps must have write access to the `codespaces_user_secrets` user permission to use this endpoint.

Parameters for "Delete a secret for the authenticated user"

Headers

accept   string

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

Path parameters

secret_name   string   Required

The name of the secret.

HTTP response status codes for "Delete a secret for the authenticated user"

Status code	Description
204	No Content

Code samples for "Delete a secret for the authenticated user"

`DELETE` /user/codespaces/secrets/{secret_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/user/codespaces/secrets/SECRET_NAME
```

Response

```
Status: 204
```

List selected repositories for a user secret 🔗

List the repositories that have been granted the ability to use a user's codespace secret.

You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint.

GitHub Apps must have read access to the `codespaces_user_secrets` user permission and write access to the `codespaces_secrets` repository permission on all referenced repositories to use this endpoint.

Parameters for "List selected repositories for a user secret"

Headers

`accept` string

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

Path parameters

`secret_name` string Required

The name of the secret.

HTTP response status codes for "List selected repositories for a user secret"

Status code	Description
200	OK
401	Requires authentication

403	Forbidden
404	Resource not found
500	Internal Error

Code samples for "List selected repositories for a user secret"

GET `/user/codespaces/secrets/{secret_name}/repositories`

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/codespaces/secrets/SECRET_NAME/repositories
```

Response

Example response   Response schema

Status: 200

```
{ "total_count": 1, "repositories": [ { "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":
```

Set selected repositories for a user secret 🔗

Select the repositories that will use a user's codespace secret.

You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint.

GitHub Apps must have write access to the `codespaces_user_secrets` user permission and write access to the `codespaces_secrets` repository permission on all referenced repositories to use this endpoint.

Parameters for "Set selected repositories for a user secret"

Headers

accept string

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

Path parameters

secret_name string   Required

The name of the secret.

Body parameters

`selected_repository_ids`   array of integers   Required

An array of repository ids for which a codespace can access the secret. You can manage the list of selected repositories using the [List selected repositories for a user secret](#), [Add a selected repository to a user secret](#), and [Remove a selected repository from a user secret](#) endpoints.

HTTP response status codes for "Set selected repositories for a user secret"

Status code	Description
204	No Content when repositories were added to the selected list
401	Requires authentication
403	Forbidden
404	Resource not found
500	Internal Error

Code samples for "Set selected repositories for a user secret"

`PUT` `/user/codespaces/secrets/{secret_name}/repositories`

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/codespaces/secrets/SECRET_NAME/repositories \ -d '{"selected_repository_ids":
["1296269","1296280"]}'
```

No Content when repositories were added to the selected list

```
Status: 204
```

Add a selected repository to a user secret 🔗

Adds a repository to the selected repositories for a user's codespace secret. You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint. GitHub Apps must have write access to the `codespaces_user_secrets` user permission and write access to the `codespaces_secrets` repository permission on the referenced repository to use this endpoint.

Parameters for "Add a selected repository to a user secret"

Headers

`accept`   string

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

Path parameters

secret_name string Required

The name of the secret.

repository_id integer Required

HTTP response status codes for "Add a selected repository to a user secret"

Status code	Description
204	No Content when repository was added to the selected list
401	Requires authentication
403	Forbidden
404	Resource not found
500	Internal Error

Code samples for "Add a selected repository to a user secret"

PUT /user/codespaces/secrets/{secret_name}/repositories/{repository_id}

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/codespaces/secrets/SECRET_NAME/repositories/REPOSITORY_ID
```

No Content when repository was added to the selected list

```
Status: 204
```

Remove a selected repository from a user secret 🔗

Removes a repository from the selected repositories for a user's codespace secret. You must authenticate using an access token with the `codespace` or `codespace:secrets` scope to use this endpoint. User must have Codespaces access to use this endpoint. GitHub Apps must have write access to the `codespaces_user_secrets` user permission to use this endpoint.

Parameters for "Remove a selected repository from a user secret"

Headers

accept string

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

Path parameters

secret_name string   Required

The name of the secret.

repository_id integer   Required

HTTP response status codes for "Remove a selected repository from a user secret"

Status code	Description
204	No Content when repository was removed from the selected list
401	Requires authentication
403	Forbidden
404	Resource not found
500	Internal Error

Code samples for "Remove a selected repository from a user secret"

DELETE /user/codespaces/secrets/{secret_name}/repositories/{repository_id}

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/codespaces/secrets/SECRET_NAME/repositories/REPOSITORY_ID
```

No Content when repository was removed from the selected list

```
Status: 204
```