

The REST API is now versioned. For more information, see "[About API versioning](#)."

User migrations

Use the REST API to review, backup, or migrate your user data stored on GitHub Enterprise Server.com.

About user migrations

These endpoints are only available to authenticated account owners. For more information, see "[Authenticating to the REST API](#)".

You can use these endpoints to review, backup, or migrate your user data stored on GitHub.com. For a list of migration data that you can download, see "[Download a user migration archive](#)."

To download an archive, you'll need to start a user migration first. Once the status of the migration is `exported`, you can download the migration.

Once you've created a migration archive, it will be available to download for seven days. But, you can delete the user migration archive sooner if you'd like. You can unlock your repository when the migration is `exported` to begin using your repository again or delete the repository if you no longer need the source data.

List user migrations

Lists all migrations a user has started.

Parameters for "List user migrations"

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 user migrations"

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

Code samples for "List user migrations"

GET

/user/migrations

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/migrations
```

Response

Example response

Response schema

Status: 200

```
[ { "id": 79, "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", "repos_url":
```

Start a user migration

Initiates the generation of a user migration archive.

Parameters for "Start a user migration"

Headers

accept string

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

Body parameters

lock_repositories boolean

Lock the repositories being migrated at the start of the migration

exclude_metadata boolean

Indicates whether metadata should be excluded and only git source should be included for the migration.

exclude_git_data boolean

Indicates whether the repository git data should be excluded from the migration.

exclude_attachments boolean

Do not include attachments in the migration

exclude_releases boolean

Do not include releases in the migration

exclude_owner_projects boolean

Indicates whether projects owned by the organization or users should be excluded.

org_metadata_only boolean

Indicates whether this should only include organization metadata (repositories array should be empty and will ignore other flags).

Default: false

exclude array of strings

Exclude attributes from the API response to improve performance Supported values are: repositories

repositories array of strings Required

HTTP response status codes for "Start a user migration"

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

Code samples for "Start a user migration"

POST

/user/migrations

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" \ http(s)://HOSTNAME/api/v3/user/migrations \ -d '{"repositories":["octocat/Hello-World"],"lock_repositories":true}'
```

Response

Example response

Response schema

Status: 201

```
{ "id": 79, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "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", "repos_url":
```

Download a user migration archive [↗](#)

Fetches the URL to download the migration archive as a `tar.gz` file. Depending on the resources your repository uses, the migration archive can contain JSON files with data for these objects:

- attachments
- bases
- commit_comments
- issue_comments
- issue_events
- issues
- milestones
- organizations
- projects
- protected_branches
- pull_request_reviews
- pull_requests
- releases
- repositories
- review_comments
- schema
- users

The archive will also contain an `attachments` directory that includes all attachment files uploaded to GitHub.com and a `repositories` directory that contains the repository's Git data.

Parameters for "Download a user migration archive"

Headers

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

Path parameters

`migration_id` integer **Required**
The unique identifier of the migration.

HTTP response status codes for "Download a user migration archive"

Status code	Description
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302	Found
304	Not modified
401	Requires authentication
403	Forbidden

List repositories for a user migration

Lists all the repositories for this user migration.

Parameters for "List repositories for a user migration"

Headers

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

Path parameters

migration_id integer **Required**
The unique identifier of the migration.

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 for a user migration"

Status code	Description
200	OK
404	Resource not found

Code samples for "List repositories for a user migration"


GET

`/user/migrations/{migration_id}/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" \ http(s)://HOSTNAME/api/v3/user/migrations/MIGRATION_ID/repositories
```

Response

Example responseResponse 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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