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

Organization migrations

Use the REST API to export one or more repositories so you can move them to GitHub Enterprise Server.

About organization migrations

These endpoints are only available to authenticated organization owners. For more information, see "Roles in an organization" and "Authenticating to the REST API."

You can use these endpoints to export one or more repositories so you can move them to a GitHub Enterprise Server instance. For more information, see "Exporting migration data from GitHub.com."

List organization migrations

Lists the most recent migrations, including both exports (which can be started through the REST API) and imports (which cannot be started using the REST API).

A list of `repositories` is only returned for export migrations.

Parameters for "List organization migrations"

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`

exclude array

Exclude attributes from the API response to improve performance

HTTP response status codes for "List organization migrations"

Status code	Description
200	OK

Code samples for "List organization migrations"

GET `/orgs/{org}/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"
\ https://api.github.com/orgs/ORG/migrations
```

Response

Example response   Response schema

Status: 200

```
[ { "id": 79, "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "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", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "",
"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":
```

Start an organization migration 🔗

Initiates the generation of a migration archive.

Parameters for "Start an organization migration"

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

`repositories` array of strings   Required

A list of arrays indicating which repositories should be migrated.

`lock_repositories` boolean

Indicates whether repositories should be locked (to prevent manipulation) while migrating data.

Default: `false`

`exclude_metadata` boolean

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

Default: `false`

`exclude_git_data` boolean

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

Default: `false`

`exclude_attachments` boolean

Indicates whether attachments should be excluded from the migration (to reduce migration archive file size).

Default: `false`

`exclude_releases` boolean

Indicates whether releases should be excluded from the migration (to reduce migration archive file size).

Default: `false`

`exclude_owner_projects` boolean

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

Default: `false`

`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 related items from being returned in the response in order to improve performance of the request. Supported values are:
`repositories`

HTTP response status codes for "Start an organization migration"

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

Code samples for "Start an organization migration"

POST /orgs/{org}/migrations

```
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/migrations \ -d '{"repositories":["github/Hello-World"],"lock_repositories":true}'
```

Response

Example response | Response schema

Status: 201

```
{ "id": 79, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=",
"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", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "",
"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":
```

Get an organization migration status 🔗

Fetches the status of a migration.

The `state` of a migration can be one of the following values:

- `pending`, which means the migration hasn't started yet.
- `exporting`, which means the migration is in progress.
- `exported`, which means the migration finished successfully.
- `failed`, which means the migration failed.

Parameters for "Get an organization migration status"

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.

migration_id integer Required

The unique identifier of the migration.

Query parameters

exclude array

Exclude attributes from the API response to improve performance

HTTP response status codes for "Get an organization migration status"

Status code	Description
200	• `pending`, which means the migration hasn't started yet. • `exporting`, which means the migration is in progress. • `exported`, which means the migration finished successfully. • `failed`, which means the migration failed.
404	Resource not found

Code samples for "Get an organization migration status"

<div>

`GET` /orgs/{org}/migrations/{migration_id}

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/migrations/MIGRATION_ID
```

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• `pending`, **which means the migration hasn't started yet.**
• `exporting`, **which means the migration is in progress.**
• `exported`, **which means the migration finished successfully.**
• `failed`, **which means the migration failed.**

Example response | Response schema

Status: 200

```
{ "id": 79, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=",
"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", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "",
"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":
```

Download an organization migration archive 🔗

Fetches the URL to a migration archive.

Parameters for "Download an organization migration archive"

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.

---

migration_id integer   Required

The unique identifier of the migration.

HTTP response status codes for "Download an organization migration archive"

Status code	Description
302	Found
404	Resource not found

Code samples for "Download an organization migration archive"

GET /orgs/{org}/migrations/{migration_id}/archive

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/migrations/MIGRATION_ID/archive
```

Response

```
Status: 302
```

Delete an organization migration archive 🔗

Deletes a previous migration archive. Migration archives are automatically deleted after seven days.

Parameters for "Delete an organization migration archive"

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.

---

migration_id integer   Required

The unique identifier of the migration.

HTTP response status codes for "Delete an organization migration archive"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Delete an organization migration archive"

DELETE /orgs/{org}/migrations/{migration_id}/archive

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/migrations/MIGRATION_ID/archive
```

Response

```
Status: 204
```

Unlock an organization repository

Unlocks a repository that was locked for migration. You should unlock each migrated repository and delete them when the migration is complete and you no longer need the source data.

Parameters for "Unlock an organization repository"

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.

migration_id integer Required

The unique identifier of the migration.

repo_name string Required

repo_name parameter

HTTP response status codes for "Unlock an organization repository"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Unlock an organization repository"

DELETE `/orgs/{org}/migrations/{migration_id}/repos/{repo_name}/lock`

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/migrations/MIGRATION_ID/repos/REPO_NAME/lock
```

Response

```
Status: 204
```

List repositories in an organization migration 🔗

List all the repositories for this organization migration.

Parameters for "List repositories in an organization migration"

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.

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 in an organization migration"

Status code	Description
`200`	OK
`404`	Resource not found

Code samples for "List repositories in an organization migration"

> `GET` /orgs/{org}/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"
\ https://api.github.com/orgs/ORG/migrations/MIGRATION_ID/repositories
```

Response

Example response   Response 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://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":
```