

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

# **Source imports**

Use the REST API to start an import from a Git, Subversion, Mercurial, or Team Foundation Version Control source repository.

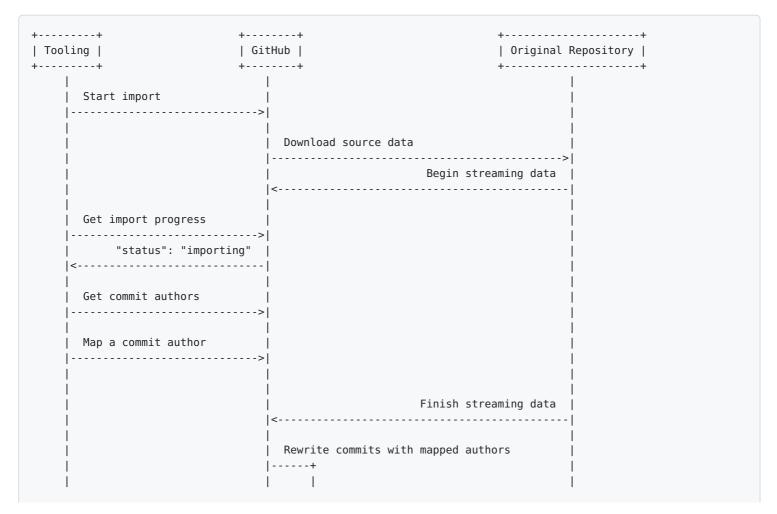
# **About source imports** &

**Warning**: Due to very low levels of usage and available alternatives, the Source Imports API is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

You can use these endpoints to start an import from a Git, Subversion, Mercurial, or Team Foundation Version Control source repository. This is the same functionality as the GitHub Importer. For more information, see "Importing a repository with GitHub Importer." A typical source import would start the import and then (optionally) update the authors and/or update the preference for using Git LFS if large files exist in the import. You can also create a webhook that listens for the RepositoryImportEvent to find out the status of the import.

These endpoints only support authentication using a personal access token (classic). For more information, see "Managing your personal access tokens."

The following diagram provides a more detailed example:



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Get import progress	1	1
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"status": "complete"		
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# Get an import status @

## Works with GitHub Apps

View the progress of an import.

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

### **Import status**

This section includes details about the possible values of the status field of the Import Progress response.

An import that does not have errors will progress through these steps:

- detecting the "detection" step of the import is in progress because the request did not include a vcs parameter. The import is identifying the type of source control present at the URL.
- importing the "raw" step of the import is in progress. This is where commit data is fetched from the original repository. The import progress response will include commit\_count (the total number of raw commits that will be imported) and percent (0 100, the current progress through the import).
- mapping the "rewrite" step of the import is in progress. This is where SVN branches are converted to Git branches, and where author updates are applied. The import progress response does not include progress information.

- pushing the "push" step of the import is in progress. This is where the importer updates the repository on GitHub Enterprise Cloud. The import progress response will include push\_percent, which is the percent value reported by git push when it is "Writing objects".
- complete the import is complete, and the repository is ready on GitHub Enterprise Cloud.

If there are problems, you will see one of these in the status field:

- auth\_failed the import requires authentication in order to connect to the original repository. To update authentication for the import, please see the <u>Update an import</u> section.
- error the import encountered an error. The import progress response will include the <code>failed\_step</code> and an error message. Contact <u>GitHub Enterprise Cloud Support</u> for more information.
- detection\_needs\_auth the importer requires authentication for the originating repository to continue detection. To update authentication for the import, please see the <u>Update an import</u> section.
- detection\_found\_nothing the importer didn't recognize any source control at the URL. To resolve, <u>Cancel the import</u> and <u>retry</u> with the correct URL.
- detection\_found\_multiple the importer found several projects or repositories at the provided URL. When this is
  the case, the Import Progress response will also include a project\_choices field with the possible project choices
  as values. To update project choice, please see the <u>Update an import</u> section.

# The project\_choices field

When multiple projects are found at the provided URL, the response hash will include a project\_choices field, the value of which is an array of hashes each representing a project choice. The exact key/value pairs of the project hashes will differ depending on the version control type.

#### Git LFS related fields

This section includes details about Git LFS related fields that may be present in the Import Progress response.

- use\_lfs describes whether the import has been opted in or out of using Git LFS. The value can be opt\_in , opt out , or undecided if no action has been taken.
- has\_large\_files the boolean value describing whether files larger than 100MB were found during the importing step.
- large files size the total size in gigabytes of files larger than 100MB found in the originating repository.
- large\_files\_count the total number of files larger than 100MB found in the originating repository. To see a list of these files, make a "Get Large Files" request.

## Parameters for "Get an import status"

### **Headers**

accept string

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

# Path parameters

owner string Required

The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

### HTTP response status codes for "Get an import status"

Status code Description

200	ОК
404	Resource not found
503	Unavailable due to service under maintenance.

# Code samples for "Get an import status"



#### Response

```
Example response Response schema

Status: 200

{ "vcs": "subversion", "use_lfs": true, "vcs_url": "http://svn.mycompany.com/svn/myproject", "status": "complete", "status_text": "Done", "has_large_files": true, "large_files_size": 132331036, "large_files_count": 1, "authors_count": 4, "url": "https://api.github.com/repos/octocat/socm/import", "html_url": "https://import.github.com/octocat/socm/import", "authors_url": "https://api.github.com/repos/octocat/socm/import/authors", "repository_url": "https://api.github.com/repos/octocat/socm" }
```

# Start an import &

# Works with <u>GitHub Apps</u>

Start a source import to a GitHub Enterprise Cloud repository using GitHub Enterprise Cloud Importer. Importing into a GitHub Enterprise Cloud repository with GitHub Actions enabled is not supported and will return a status 422 Unprocessable Entity response.

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

# Parameters for "Start an import"

#### Headers

accept string

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

## Path parameters

owner string Required

The account owner of the repository. The name is not case sensitive.

repo string kequirea

The name of the repository without the .git extension. The name is not case sensitive.

#### **Body parameters**

vcs\_url string Required

The URL of the originating repository.

vcs string

The originating VCS type. Without this parameter, the import job will take additional time to detect the VCS type before beginning the import. This detection step will be reflected in the response.

Can be one of: subversion, git, mercurial, tfvc

vcs\_username string

If authentication is required, the username to provide to <code>vcs\_url</code> .

vcs\_password string

If authentication is required, the password to provide to vcs\_url.

tfvc\_project string

For a tfvc import, the name of the project that is being imported.

# HTTP response status codes for "Start an import"

Status code	Description
201	Created
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
503	Unavailable due to service under maintenance.

# Code samples for "Start an import"

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/repos/OWNER/REPO/import \ -d

'{"vcs":"subversion","vcs\_url":"http://svn.mycompany.com/svn/myproject","vcs\_username":"octocat","vcs\_password":"secret"}'

### Response

Example response Response schema

Status: 201

{ "vcs": "subversion", "use\_lfs": true, "vcs\_url": "http://svn.mycompany.com/svn/myproject", "status": "importing", "status\_text": "Importing...", "has\_large\_files": false, "large\_files\_size": 0, "large\_files\_count": 0, "authors\_count": 0, "commit\_count": 1042, "url": "https://api.github.com/repos/octocat/socm/import", "https://api.github.com/repos/octocat/socm/import", "repository\_url": "https://api.github.com/repos/octocat/socm/import/authors". "repository\_url":

"https://api.github.com/repos/octocat/socm" }

# Update an import @

Works with GitHub Apps

An import can be updated with credentials or a project choice by passing in the appropriate parameters in this API request. If no parameters are provided, the import will be restarted.

Some servers (e.g. TFS servers) can have several projects at a single URL. In those cases the import progress will have the status detection\_found\_multiple and the Import Progress response will include a project\_choices array. You can select the project to import by providing one of the objects in the project\_choices array in the update request.

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

# Parameters for "Update an import"

#### **Headers**

accept string

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

#### **Path parameters**

owner string Required

The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the .git extension. The name is not case sensitive.

#### **Body parameters**

vcs\_username string

The username to provide to the originating repository.

vcs\_password string

The password to provide to the originating repository.

vcs string

The type of version control system you are migrating from.

Can be one of: subversion , tfvc , git , mercurial

tfvc\_project string

For a tfvc import, the name of the project that is being imported.

# HTTP response status codes for "Update an import"

Status code	Description
200	ОК
503	Unavailable due to service under maintenance.

# Code samples for "Update an import"

Update authentication for an import ♦



### **Example 1**

```
Example response Response schema

Status: 200

{ "vcs": "subversion", "use_lfs": true, "vcs_url": "http://svn.mycompany.com/svn/myproject", "status": "detecting", "url": "https://api.github.com/repos/octocat/socm/import", "html_url": "https://import.github.com/octocat/socm/import", "authors_url": "https://api.github.com/repos/octocat/socm/import/authors", "repository_url": "https://api.github.com/repos/octocat/socm" }
```

# Cancel an import &

Works with <u>GitHub Apps</u>

Stop an import for a repository.

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

# Parameters for "Cancel an import"

# Headers

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

# Path parameters

owner string Required

The account owner of the repository. The name is not case sensitive

The account officer of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the .git extension. The name is not case sensitive.

# HTTP response status codes for "Cancel an import"

Status code	Description
204	No Content
503	Unavailable due to service under maintenance.

### Code samples for "Cancel an import"



#### Response

Status: 204

# Get commit authors @

## Works with <u>GitHub Apps</u>

Each type of source control system represents authors in a different way. For example, a Git commit author has a display name and an email address, but a Subversion commit author just has a username. The GitHub Enterprise Cloud Importer will make the author information valid, but the author might not be correct. For example, it will change the bare Subversion username hubot into something like hubot <a href="hubot@12341234-abab-fefe-8787-fedcba987654">hubot @12341234-abab-fefe-8787-fedcba987654</a>.

This endpoint and the Map a commit author endpoint allow you to provide correct Git author information.

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

# Parameters for "Get commit authors"

#### **Headers**

accept string

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

## Path parameters

owner string Required

The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the .git extension. The name is not case sensitive.

## **Query parameters**

since integer

A user ID. Only return users with an ID greater than this ID.

# HTTP response status codes for "Get commit authors"

Status code	Description
200	OK
404	Resource not found
503	Unavailable due to service under maintenance.

# Code samples for "Get commit authors"



## Response

```
Example response Response schema

Status: 200

[ { "id": 2268557, "remote_id": "nobody@fc7da526-431c-80fe-3c8c-c148ff18d7ef", "remote_name": "nobody", "email": "hubot@github.com", "name": "Hubot", "url": "https://api.github.com/repos/octocat/socm/import/authors/2268557", "import_url": "https://api.github.com/repos/octocat/socm/import" }, { "id": 2268558, "remote_id": "svner@fc7da526-431c-80fe-3c8c-c148ff18d7ef", "remote_name": "svner", "email": "svner@fc7da526-431c-80fe-3c8c-c148ff18d7ef", "name": "svner", "url": "https://api.github.com/repos/octocat/socm/import/authors/2268558", "import_url": "https://api.github.com/repos/octocat/socm/import" }, { "id": 2268559, "remote_id": "svner@example.com@fc7da526-431c-80fe-3c8c-"

* The sumple response Response schema

[ { "id": 2268557, "remote_name": "nobody", "email": "svner@fc7da526-431c-80fe-3c8c-c148ff18d7ef", "name": "svner@fc7da526-431c-80fe-3c8c-c148ff18d7ef", "name": "svner", "url": "https://api.github.com/repos/octocat/socm/import/authors/2268558", "import_url": "https://api.github.com/repos/octocat/socm/import" }, { "id": 2268559, "remote_id": "svner@example.com@fc7da526-431c-80fe-3c8c-"

* The sumple response schema repos/octocat/socm/import ```

# Map a commit author @

# Works with <u>GitHub Apps</u>

Update an author's identity for the import. Your application can continue updating authors any time before you push new commits to the repository.

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

# Parameters for "Map a commit author"

#### Headers

accept string

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

### **Path parameters**

owner string Required

The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the .git extension. The name is not case sensitive.

author\_id integer Required

## **Body parameters**

email string

The new Git author email.

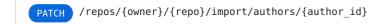
name string

The new Git author name.

# HTTP response status codes for "Map a commit author"

| Status code | Description                                          |
|-------------|------------------------------------------------------|
| 200         | OK                                                   |
| 404         | Resource not found                                   |
| 422         | Validation failed, or the endpoint has been spammed. |
| 503         | Unavailable due to service under maintenance.        |

# Code samples for "Map a commit author"



cURL JavaScript GitHub CLI

C

curl -L \ -X PATCH \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/repos/OWNER/REPO/import/authors/AUTHOR\_ID \ -d '{"email":"hubot@github.com","name":"Hubot the Robot"}'

### Response

```
Example response Response schema

Status: 200

{ "id": 2268557, "remote_id": "nobody@fc7da526-431c-80fe-3c8c-c148ff18d7ef", "remote_name": "nobody", "email": "hubot@github.com", "name": "Hubot", "url": "https://api.github.com/repos/octocat/socm/import/authors/2268557", "import_url": "https://api.github.com/repos/octocat/socm/import" }
```

# **Get large files** *₽*

Works with GitHub Apps

List files larger than 100MB found during the import

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

# Parameters for "Get large files"

#### **Headers**

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

### Path parameters

owner string Required

The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the .git extension. The name is not case sensitive.

# HTTP response status codes for "Get large files"

| Status code | Description                                   |
|-------------|-----------------------------------------------|
| 200         | OK                                            |
| 503         | Unavailable due to service under maintenance. |

# Code samples for "Get large files"



```
\ https://api.github.com/repos/OWNER/REPO/import/large_files
```

### Response

```
Example response Response schema

Status: 200

[ { "ref_name": "refs/heads/master", "path": "foo/bar/1", "oid": "d3d9446802a44259755d38e6d163e820", "size": 10485760 }, { "ref_name": "refs/heads/master", "path": "foo/bar/2", "oid": "6512bd43d9caa6e02c990b0a82652dca", "size": 11534336 }, { "ref_name": "refs/heads/master", "path": "foo/bar/3", "oid": "c20ad4d76fe97759aa27a0c99bff6710", "size": 12582912 } ]
```

# **Update Git LFS preference** *P*

# Works with <u>GitHub Apps</u>

You can import repositories from Subversion, Mercurial, and TFS that include files larger than 100MB. This ability is powered by <u>Git LFS</u>.

You can learn more about our LFS feature and working with large files on our help site.

**Warning:** Due to very low levels of usage and available alternatives, this endpoint is deprecated and will no longer be available from 00:00 UTC on April 12, 2024. For more details and alternatives, see the <a href="mailto:changelog">changelog</a>.

# Parameters for "Update Git LFS preference"

### **Headers**

accept string

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

# Path parameters

owner string Required

The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the .git extension. The name is not case sensitive.

## **Body parameters**

```
use lfs string Required
```

Whether to store large files during the import. opt\_in means large files will be stored using Git LFS. opt\_out means large files will be removed during the import.

Can be one of: opt\_in , opt\_out

# HTTP response status codes for "Update Git LFS preference"

| Status code | Description                                          |
|-------------|------------------------------------------------------|
| 200         | OK                                                   |
| 422         | Validation failed, or the endpoint has been spammed. |
| 503         | Unavailable due to service under maintenance.        |

# Code samples for "Update Git LFS preference"



## Response

```
Example response Response schema

Status: 200

{ "vcs": "subversion", "use_lfs": true, "vcs_url": "http://svn.mycompany.com/svn/myproject", "status": "complete", "status_text": "Done", "has_large_files": true, "large_files_size": 132331036, "large_files_count": 1, "authors_count": 4, "url": "https://api.github.com/repos/octocat/socm/import", "html_url": "https://import.github.com/octocat/socm/import", "authors_url": "https://api.github.com/repos/octocat/socm/import/authors", "repository_url": "https://api.github.com/repos/octocat/socm" }
```

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