GitHub Docs







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

Release Assets

Use the REST API to manage release assets.

Get a release asset &

Works with <u>GitHub Apps</u>

To download the asset's binary content, set the Accept header of the request to application/octet-stream. The API will either redirect the client to the location, or stream it directly if possible. API clients should handle both a 200 or 302 response.

Parameters for "Get a release asset"

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.

asset_id integer Required

The unique identifier of the asset.

HTTP response status codes for "Get a release asset"

Status code	Description
200	OK
302	Found
404	Resource not found

Code samples for "Get a release asset"



Response

```
Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/releases/assets/1", "browser_download_url":
"https://github.com/octocat/Hello-World/releases/download/v1.0.0/example.zip", "id": 1, "node_id": "MDEyOlJlbGVhc2VBc3NldDE=",
"name": "example.zip", "label": "short description", "state": "uploaded", "content_type": "application/zip", "size": 1024,
"download_count": 42, "created_at": "2013-02-27T19:35:32Z", "updated_at": "2013-02-27T19:35:32Z", "uploader": { "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":
```

Update a release asset &

Works with <u>GitHub Apps</u>

Users with push access to the repository can edit a release asset.

Parameters for "Update a release asset"

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.

asset_id integer Required

The unique identifier of the asset.

Body parameters

name string

The file name of the asset.

label string

An alternate short description of the asset. Used in place of the filename.

state string

HTTP response status codes for "Update a release asset"

Status code	Description
200	OK

Code samples for "Update a release asset"



Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/releases/assets/1", "browser_download_url":
"https://github.com/octocat/Hello-World/releases/download/v1.0.0/example.zip", "id": 1, "node_id": "MDEyOlJlbGVhc2VBc3NldDE=",
"name": "example.zip", "label": "short description", "state": "uploaded", "content_type": "application/zip", "size": 1024,
"download_count": 42, "created_at": "2013-02-27T19:35:32Z", "updated_at": "2013-02-27T19:35:32Z", "uploader": { "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":

Delete a release asset @

Works with <u>GitHub Apps</u>

Parameters for "Delete a release asset"

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 office of the repository. The hame is not case sensitive.

repo string Required

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

asset_id integer Required

The unique identifier of the asset.

HTTP response status codes for "Delete a release asset"

Status code	Description
204	No Content

Code samples for "Delete a release asset"



Response

Status: 204

List release assets &

Works with <u>GitHub Apps</u>

Parameters for "List release assets"

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.

release id integer Required

The unique identifier of the release.

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 release assets"

Status code	Description
200	OK

Code samples for "List release assets"



Response

Example response Response schema

Status: 200

[{ "url": "https://HOSTNAME/repos/octocat/Hello-World/releases/assets/1", "browser_download_url": "https://github.com/octocat/Hello-World/releases/download/v1.0.0/example.zip", "id": 1, "node_id": "MDEyOlJlbGVhc2VBc3NldDE=", "name": "example.zip", "label": "short description", "state": "uploaded", "content_type": "application/zip", "size": 1024, "download_count": 42, "created_at": "2013-02-27T19:35:32Z", "updated_at": "2013-02-27T19:35:32Z", "uploader": { "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":

Upload a release asset ∂

Works with <u>GitHub Apps</u>

This endpoint makes use of a <u>Hypermedia relation</u> to determine which URL to access. The endpoint you call to upload

release assets is specific to your release. Use the upload_url returned in the response of the Create a release endpoint to upload a release asset.

You need to use an HTTP client which supports SNI to make calls to this endpoint.

Most libraries will set the required Content-Length header automatically. Use the required Content-Type header to provide the media type of the asset. For a list of media types, see Media Types. For example:

application/zip

GitHub Enterprise Server expects the asset data in its raw binary form, rather than JSON. You will send the raw binary content of the asset as the request body. Everything else about the endpoint is the same as the rest of the API. For example, you'll still need to pass your authentication to be able to upload an asset.

When an upstream failure occurs, you will receive a 502 Bad Gateway status. This may leave an empty asset with a state of starter. It can be safely deleted.

Notes:

- GitHub Enterprise Server renames asset filenames that have special characters, non-alphanumeric characters, and leading or trailing periods. The "<u>List release assets</u>" endpoint lists the renamed filenames. For more information and help, contact <u>GitHub Enterprise Server Support</u>.
- To find the release_id query the GET_/repos/{owner}/{repo}/releases/latest_endpoint.
- If you upload an asset with the same filename as another uploaded asset, you'll receive an error and must delete the old file before you can re-upload the new asset.

Parameters for "Upload a release asset"

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.

release_id integer Required

The unique identifier of the release.

Query parameters

name string Required

label string

HTTP response status codes for "Upload a release asset"

Status code Description

Code samples for "Upload a release asset"

POST /repos/{owner}/{repo}/releases/{release_id}/assets

cURL JavaScript GitHub CLI

ſĊ

curl -L \ -X POST \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ -H "Content-Type: application/octet-stream" \ "https://uploads.github.com/repos/OWNER/REPO/releases/RELEASE_ID/assets? name=example.zip" \ --data-binary "@example.zip"

Response for successful upload

Example response Response schema

Status: 201

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/releases/assets/1", "browser_download_url":
"https://github.com/octocat/Hello-World/releases/download/v1.0.0/example.zip", "id": 1, "node_id": "MDEyOlJlbGVhc2VBc3NldDE=",
"name": "example.zip", "label": "short description", "state": "uploaded", "content_type": "application/zip", "size": 1024,
"download_count": 42, "created_at": "2013-02-27T19:35:32Z", "updated_at": "2013-02-27T19:35:32Z", "uploader": { "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":

Legal

© 2023 GitHub, Inc. <u>Terms Privacy Status Pricing Expert services Blog</u>