

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

Git blobs

Use the REST API to interact with a Git blob (binary large object), the object type used to store the contents of each file in a repository.

About Git blobs

A Git blob (binary large object) is the object type used to store the contents of each file in a repository. The file's SHA-1 hash is computed and stored in the blob object. These endpoints allow you to read and write [blob objects](#) to your Git database on GitHub Enterprise Server. Blobs leverage [these custom media types](#). For more information about the use of media types in the API, see "[Media types](#)."

Custom media types for blobs

These are the supported media types for blobs.

```
application/json
application/vnd.github.raw
```

For more information, see "[Media types](#)."

Create a blob

✔ Works with [GitHub Apps](#)

Parameters for "Create a blob"

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

content string **Required**

The new blob's content.

encoding string

The encoding used for `content` . Currently, `"utf-8"` and `"base64"` are supported.

Default: `utf-8`

HTTP response status codes for "Create a blob"

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

Code samples for "Create a blob"

POST

/repos/{owner}/{repo}/git/blobs

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/repos/OWNER/REPO/git/blobs \ -d '{"content":"Content of the blob","encoding":"utf-8"}'
```

Response

Example response

Response schema

Status: 201

```
{ "url": "https://HOSTNAME/repos/octocat/example/git/blobs/3a0f86fb8db8eea7ccbb9a95f325ddbedfb25e15", "sha": "3a0f86fb8db8eea7ccbb9a95f325ddbedfb25e15" }
```

Get a blob

✔ Works with [GitHub Apps](#)

The `content` in the response will always be Base64 encoded.

Note: This API supports blobs up to 100 megabytes in size.

Parameters for "Get a blob"

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.

file_sha string **Required**

HTTP response status codes for "Get a blob"

Status code	Description
200	OK
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.

Code samples for "Get a blob"

GET

`/repos/{owner}/{repo}/git/blobs/{file_sha}`

cURLJavaScriptGitHub 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/repos/OWNER/REPO/git/blobs/FILE_SHA

Response

Example response

Response schema

Status: 200

```
{ "content": "Q29udGVudCBvZiB0aGUgYmxvYg==", "encoding": "base64", "url": "https://HOSTNAME/repos/octocat/example/git/blobs/3a0f86fb8db8eea7ccbb9a95f325ddbedfb25e15", "sha": "3a0f86fb8db8eea7ccbb9a95f325ddbedfb25e15", "size": 19, "node_id": "Q29udGVudCBvZiB0aGUgYmxvYg==" }
```

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