



GitHub Docs

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 Cloud. 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 <u>GitHub Apps</u>

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 <code>content</code> . Currently, <code>"utf-8"</code> and <code>"base64"</code> 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"



Response

Example response Response schema

Status: 201

{ "url": "https://api.github.com/repos/octocat/example/git/blobs/3a0f86fb8db8eea7ccbb9a95f325ddbedfb25e15", "sha": "3a0f86fb8db8eea7ccbb9a95f325ddbedfb25e15" }

Get a blob &

Works with <u>GitHub Apps</u>

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"



Response

```
Example response Response schema

Status: 200

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

Legal

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