

■ REST API / Gists / Gists

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

# **Gists**

Use the REST API to list, create, update and delete the public gists on GitHub.

## About gists @

You can use the REST API to view and modify gists. For more information about gists, see "<u>Editing and sharing content</u> with gists."

## Authentication &

You can read public gists and create them for anonymous users without a token. To read or write gists on a user's behalf, you need the gist OAuth scope and a token. For more information, see "Scopes for OAuth apps."

## **Truncation** *∂*

The API provides up to one megabyte of content for each file in the gist. Each file returned for a gist through the API has a key called truncated. If truncated is true, the file is too large and only a portion of the contents were returned in content.

If you need the full contents of the file, you can make a GET request to the URL specified by raw\_url . Be aware that for files larger than ten megabytes, you'll need to clone the gist via the URL provided by git pull url .

In addition to a specific file's contents being truncated, the entire files list may be truncated if the total number exceeds 300 files. If the top level truncated key is true, only the first 300 files have been returned in the files list. If you need to fetch all of the gist's files, you'll need to clone the gist via the URL provided by git\_pull\_url.

## Custom media types for gists ∂

These are the supported media types for fetching gist contents.

application/vnd.github.raw
application/vnd.github.base64

For more information, see "Media types."

# List gists for the authenticated user $\mathscr {E}$

Lists the authenticated user's gists or if called anonymously, this endpoint returns all public gists:

Parameters for "List gists for the authenticated user"

#### **Headers**

accept string

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

#### **Query parameters**

since string

Only show results that were last updated after the given time. This is a timestamp in ISO 8601 format: YYYY-MM-DDTHH:MM:SSZ.

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 gists for the authenticated user"

Status code	Description
200	OK
304	Not modified
403	Forbidden

### Code samples for "List gists for the authenticated user"



#### Response

Example response Response schema

Status: 200

[ { "url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d", "forks\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/forks", "commits\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/commits", "id": "aa5a315d61ae9438b18d", "node\_id": "MDQ6R2lzdGFhNWEzMTVkNjFhZTk0MzhiMThk", "git\_pull\_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "git\_push\_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "html\_url": "https://gist.github.com/aa5a315d61ae9438b18d", "files": { "hello\_world.rb": { "filename": "hello\_world.rb", "type": "application/x-ruby", "language": "Ruby", "raw\_url": "https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "

"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "

"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb", "
"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hell

# Create a gist &

Allows you to add a new gist with one or more files.

**Note:** Don't name your files "gistfile" with a numerical suffix. This is the format of the automatic naming scheme that Gist uses internally.

### Parameters for "Create a gist"

#### **Headers**

accept string

Setting to  $\mbox{\ application/vnd.github+json\ }$  is recommended.

#### **Body parameters**

description string

Description of the gist

files object Required

Names and content for the files that make up the gist

▶ Properties of files

public boolean or string

Flag indicating whether the gist is public

### HTTP response status codes for "Create a gist"

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

## Code samples for "Create a gist"



#### Response

Example response Response schema

## List public gists @

List public gists sorted by most recently updated to least recently updated.

Note: With <u>pagination</u>, you can fetch up to 3000 gists. For example, you can fetch 100 pages with 30 gists per page or 30 pages with 100 gists per page.

#### Parameters for "List public gists"

#### **Headers**

accept string

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

#### **Query parameters**

**since** string

Only show results that were last updated after the given time. This is a timestamp in  $\underline{\mathsf{ISO}\ 8601}$  format:  $\underline{\mathsf{YYYY-MM-DDTHH:MM:SSZ}}$ .

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 public gists"

Status code	Description
200	OK
304	Not modified
403	Forbidden
422	Validation failed, or the endpoint has been spammed.

## Code samples for "List public gists"

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" \ http(s)://HOSTNAME/api/v3/gists/public

#### Response

Example response Response schema

Status: 200

[ { "url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d", "forks\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/forks", "commits\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/commits", "id": "aa5a315d61ae9438b18d", "node\_id": "MDQ6R2lzdGFhNWEzMTVkNjFhZTk0MzhiMThk", "git\_pull\_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "git\_push\_url": "https://gist.github.com/aa5a315d61ae9438b18d", "files": { "https://gist.github.com/aa5a315d61ae9438b18d", "files": { "hello\_world.rb": { "filename": "hello\_world.rb", "type": "application/x-ruby", "language": "Ruby", "raw\_url": "https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb",

## List starred gists @

List the authenticated user's starred gists:

#### Parameters for "List starred gists"

#### **Headers**

accept string

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

#### **Query parameters**

since string

Only show results that were last updated after the given time. This is a timestamp in ISO 8601 format: YYYY-MM-DDTHH:MM:SSZ.

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 starred gists"

Status code	Description
200	OK

304	Not modified
401	Requires authentication
403	Forbidden

### Code samples for "List starred gists"



#### Response

```
Example response Response schema

Status: 200

[ { "url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d", "forks_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/forks", "commits_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/commits", "id": "aa5a315d61ae9438b18d", "node_id": "MDQ6R21zdGFhNWEzMTVkNjFhZTk0MzhiMThk", "git_pull_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "git_push_url": "https://gist.github.com/aa5a315d61ae9438b18d", "files": { "https://gist.github.com/aa5a315d61ae9438b18d", "files": { "hello_world.rb": { "filename": "hello_world.rb", "type": "application/x-ruby", "language": "Ruby", "raw_url": "https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello_world.rb",
```

## Get a gist &

### Parameters for "Get a gist"

#### Headers

accept string

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

#### **Path parameters**

gist\_id string Required

The unique identifier of the gist.

## HTTP response status codes for "Get a gist"

Status code	Description
200	ОК

304	Not modified
403	Forbidden Gist
404	Resource not found

## Code samples for "Get a gist"



#### Response

```
Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/gists/2decf6c462d9b4418f2", "forks_url": "https://HOSTNAME/gists/2decf6c462d9b4418f2/forks", "commits_url": "https://HOSTNAME/gists/2decf6c462d9b4418f2/commits", "id": "2decf6c462d9b4418f2", "node_id": "6_kwDOBhHyLdZDliNDQxOGYy", "git_pull_url": "https://gist.github.com/2decf6c462d9b4418f2.git", "git_push_url": "https://gist.github.com/2decf6c462d9b4418f2", "files": { "README.md": "Filename": "README.md", "type": "text/markdown", "language": "Markdown", "raw_url": "https://gist.githubusercontent.com/monalisa/2decf6c462d9b4418f2/raw/ac3e6daf176fafe73609fd000cd188e4472010fb/README.md", "size": "https://gist.githubusercontent.com/monalisa/2decf6c462d9b4418f2/raw/ac3e
```

# Update a gist &

Allows you to update a gist's description and to update, delete, or rename gist files. Files from the previous version of the gist that aren't explicitly changed during an edit are unchanged. At least one of description or files is required.

## Parameters for "Update a gist"

## Headers

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

#### Path parameters

```
gist_id string Required
```

The unique identifier of the gist.

#### **Body parameters**

```
description string
```

The description of the aist

The description of the gist.

#### files object

The gist files to be updated, renamed, or deleted. Each key must match the current filename (including extension) of the targeted gist file. For example: hello.py.

To delete a file, set the whole file to null. For example: hello.py: null. The file will also be deleted if the specified object does not contain at least one of content or filename.

▶ Properties of files

### HTTP response status codes for "Update a gist"

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

## Code samples for "Update a gist"

Updating a gist ◆



## Response

```
Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/gists/2decf6c462d9b4418f2", "forks_url": "https://HOSTNAME/gists/2decf6c462d9b4418f2/forks", "commits_url": "https://HOSTNAME/gists/2decf6c462d9b4418f2/commits", "id": "2decf6c462d9b4418f2", "node_id": "G_kwDOBhHyLdZDliNDQxOGYy", "git_pull_url": "https://gist.github.com/2decf6c462d9b4418f2.git", "git_push_url": "https://gist.github.com/2decf6c462d9b4418f2", "files": { "README.md": "filename": "README.md", "type": "text/markdown", "language": "Markdown", "raw_url": "https://gist.githubusercontent.com/monalisa/2decf6c462d9b4418f2/raw/ac3e6daf176fafe73609fd000cd188e4472010fb/README.md", "size": "### Titles to the complex of the comp
```

# Delete a gist &

### Parameters for "Delete a gist"

#### **Headers**

accept string

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

#### **Path parameters**

gist\_id string Required

The unique identifier of the gist.

## HTTP response status codes for "Delete a gist"

Status code	Description
204	No Content
304	Not modified
403	Forbidden
404	Resource not found

## Code samples for "Delete a gist"



#### Response

Status: 204

# List gist commits &

## Parameters for "List gist commits"

### Headers

accept string

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

#### Path parameters

The unique identifier of the gist.

#### **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 gist commits"

Status code	Description
200	OK
304	Not modified
403	Forbidden
404	Resource not found

### Code samples for "List gist commits"



#### Response

Example response Response schema

Status: 200

[ { "url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/57a7f021a713b1c5a6a199b54cc514735d2d462f", "version": "57a7f021a713b1c5a6a199b54cc514735d2d462f", "user": { "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": "https://HOSTNAME/users/octocat/followers", "following\_url": "https://HOSTNAME/users/octocat/gists{/gist\_id}", "starred\_url": "https://HOSTNAME/users/octocat/starred{/owner}{/repo}", "subscriptions\_url":

# **List gist forks** *∂*

## Parameters for "List gist forks"

#### **Headers**

accept string

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

#### Path parameters

gist\_id string Required

The unique identifier of the gist.

### **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 gist forks"

Status code	Description
200	OK
304	Not modified
403	Forbidden
404	Resource not found

## Code samples for "List gist forks"



#### Response

Example response Response schema

Status: 200

[ { "url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d", "forks\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/forks", "commits\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/commits", "id": "aa5a315d61ae9438b18d", "node\_id":

"MDQ6R2lzdGFhNWEzMTVkNjFhZTk0MzhiMThk", "git\_pull\_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "git\_push\_url": "https://gist.github.com/aa5a315d61ae9438b18d", "files": {
 "hello\_world.rb": { "filename": "hello\_world.rb", "type": "application/x-ruby", "language": "Ruby", "raw\_url":
 "https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello\_world.rb",

## Fork a gist &

### Parameters for "Fork a gist"

#### **Headers**

accept string

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

#### **Path parameters**

gist\_id string Required

The unique identifier of the gist.

## HTTP response status codes for "Fork a gist"

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

### Code samples for "Fork a gist"



#### Response

Example response Response schema

Status: 201

{ "url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d". "forks url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/forks".

```
"commits_url": "https://HOSTNAME/gists/aa5a315d6lae9438b18d/commits", "id": "aa5a315d6lae9438b18d", "node_id":

"MDQ6R2lzdGFhNWEzMTVkNjFhZTk0MzhiMThk", "git_pull_url": "https://gist.github.com/aa5a315d6lae9438b18d.git", "git_push_url":

"https://gist.github.com/aa5a315d6lae9438b18d.git", "html_url": "https://gist.github.com/aa5a315d6lae9438b18d", "files": {

"hello_world.rb": { "filename": "hello_world.rb", "type": "application/x-ruby", "language": "Ruby", "raw_url":

"https://gist.githubusercontent.com/octocat/6cad326836d38bd3a7ae/raw/db9c55113504e46fa076e7df3a04ce592e2e86d8/hello_world.rb",
```

# Check if a gist is starred ∂

## Parameters for "Check if a gist is starred"

#### **Headers**

accept string

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

#### **Path parameters**

gist\_id string Required

The unique identifier of the gist.

## HTTP response status codes for "Check if a gist is starred"

Status code	Description
204	Response if gist is starred
304	Not modified
403	Forbidden
404	Not Found if gist is not starred

## Code samples for "Check if a gist is starred"



#### Response if gist is starred

Status: 204

## Star a gist &

Note that you'll need to set Content-Length to zero when calling out to this endpoint. For more information, see "HTTP verbs."

## Parameters for "Star a gist"

#### Headers

accept string

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

#### **Path parameters**

gist\_id string Required

The unique identifier of the gist.

## HTTP response status codes for "Star a gist"

Status code	Description
204	No Content
304	Not modified
403	Forbidden
404	Resource not found

### Code samples for "Star a gist"



## Response

Status: 204

# Unstar a gist &

## Parameters for "Unstar a gist"

#### **Headers**

accept string

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

## **Path parameters**

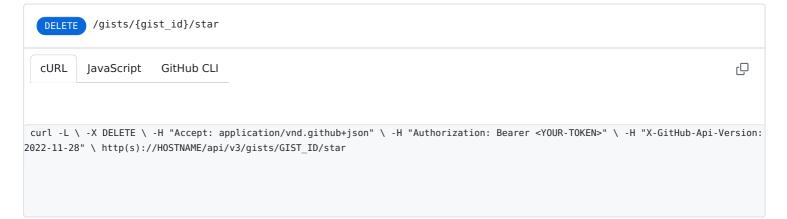
gist\_id string Required

The unique identifier of the gist.

## HTTP response status codes for "Unstar a gist"

Status code	Description
204	No Content
304	Not modified
403	Forbidden
404	Resource not found

## Code samples for "Unstar a gist"



#### Response

Status: 204

# Get a gist revision ∂

## Parameters for "Get a gist revision"

#### Headers

accept string

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

#### Path parameters

gist\_id string Required

The unique identifier of the gist.

sha string Required

### HTTP response status codes for "Get a gist revision"

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 gist revision"



## Response

```
Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/gists/2decf6c462d9b4418f2", "forks_url": "https://HOSTNAME/gists/2decf6c462d9b4418f2/forks", "commits_url": "https://HOSTNAME/gists/2decf6c462d9b4418f2/commits", "id": "2decf6c462d9b4418f2", "node_id": "6_kwDOBhHyLdZDliNDQxOGYy", "git_pull_url": "https://gist.github.com/2decf6c462d9b4418f2.git", "git_push_url": "https://gist.github.com/2decf6c462d9b4418f2", "files": {
"README.md": { "filename": "README.md", "type": "text/markdown", "language": "Markdown", "raw_url": "https://gist.githubusercontent.com/monalisa/2decf6c462d9b4418f2/raw/ac3e6daf176fafe73609fd000cd188e4472010fb/README.md", "size": "https://gist.githubusercontent.githubusercontent.githubusercontent.git
```

# List gists for a user &

Lists public gists for the specified user:

Parameters for "List gists for a user"

#### Headers

accept string

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

#### Path parameters

username string Required

The handle for the GitHub user account.

#### **Query parameters**

since string

Only show results that were last updated after the given time. This is a timestamp in <u>ISO 8601</u> format: YYYY-MM-DDTHH:MM:SSZ.

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 gists for a user"

Status code	Description
200	ОК
422	Validation failed, or the endpoint has been spammed.

### Code samples for "List gists for a user"



#### Response

Example response Response schema

Status: 200

[ { "url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d", "forks\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/forks", "commits\_url": "https://HOSTNAME/gists/aa5a315d61ae9438b18d/commits", "id": "aa5a315d61ae9438b18d", "node\_id": "MDQ6R2lzdGFhNWEzMTVkNjFhZTk0MzhiMThk", "git\_pull\_url": "https://gist.github.com/aa5a315d61ae9438b18d.git", "git\_push\_url": "https://gist.github.com/aa5a315d61ae9438b18d", "files": { "hello\_world.rb": { "filename": "hello\_world.rb", "type": "application/x-ruby", "language": "Ruby", "raw\_url":

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