

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

Repository autolinks

Use the REST API to add autolinks to external resources.

About repository autolinks

To help streamline your workflow, you can use the REST API to add autolinks to external resources like JIRA issues and Zendesk tickets. For more information, see "[Configuring autolinks to reference external resources](#)."

GitHub Apps require repository administration permissions with read or write access to use these endpoints.

List all autolinks of a repository

 Works with [GitHub Apps](#)

This returns a list of autolinks configured for the given repository.

Information about autolinks are only available to repository administrators.

Parameters for "List all autolinks of a repository"

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

page integer

Page number of the results to fetch.

Default: `1`

HTTP response status codes for "List all autolinks of a repository"

Status code	Description
200	OK

Code samples for "List all autolinks of a repository"

GET

/repos/{owner}/{repo}/autolinks

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/repos/OWNER/REPO/autolinks
```

Response

Example response

Response schema

Status: 200

[{ "id": 1, "key_prefix": "TICKET-", "url_template": "https://example.com/TICKET?query=<num>", "is_alphanumeric": true }]

Create an autolink reference for a repository

Works with [GitHub Apps](#)

Users with admin access to the repository can create an autolink.

Parameters for "Create an autolink reference for a repository"

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

key_prefix string **Required**

This prefix appended by certain characters will generate a link any time it is found in an issue, pull request, or commit.

url_template string **Required**

The URL must contain `<num>` for the reference number. `<num>` matches different characters depending on the value of `is_alphanumeric`.

is_alphanumeric boolean

Whether this autolink reference matches alphanumeric characters. If true, the `<num>` parameter of the `url_template` matches alphanumeric characters `A-Z` (case insensitive), `0-9`, and `-`. If false, this autolink reference only matches numeric characters.

Default: `true`

HTTP response status codes for "Create an autolink reference for a repository"

Status code	Description
201	Created
422	Validation failed, or the endpoint has been spammed.

Code samples for "Create an autolink reference for a repository"

POST /repos/{owner}/{repo}/autolinks

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/autolinks \ -d '{"key_prefix":"TICKET-", "url_template":"https://example.com/TICKET?query=<num>", "is_alphanumeric":true}'
```

response

Example response Response schema

Status: 201

```
{ "id": 1, "key_prefix": "TICKET-", "url_template": "https://example.com/TICKET?query=<num>", "is_alphanumeric": true }
```

Get an autolink reference of a repository

✔ Works with [GitHub Apps](#)

This returns a single autolink reference by ID that was configured for the given repository.

Information about autolinks are only available to repository administrators.

Parameters for "Get an autolink reference of a repository"

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.

autolink_id integer **Required**
The unique identifier of the autolink.

HTTP response status codes for "Get an autolink reference of a repository"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get an autolink reference of a repository"

GET

/repos/{owner}/{repo}/autolinks/{autolink_id}

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/repos/OWNER/REPO/autolinks/AUTOLINK_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 1, "key_prefix": "TICKET-", "url_template": "https://example.com/TICKET?query=<num>", "is_alphanumeric": true }
```

Delete an autolink reference from a repository

✔ Works with [GitHub Apps](#)

This deletes a single autolink reference by ID that was configured for the given repository.

Information about autolinks are only available to repository administrators.

Parameters for "Delete an autolink reference from a repository"

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.

autolink_id integer **Required**
The unique identifier of the autolink.

HTTP response status codes for "Delete an autolink reference from a repository"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Delete an autolink reference from a repository"

DELETE /repos/{owner}/{repo}/autolinks/{autolink_id}

cURLJavaScriptGitHub CLI



```
curl -L \ -X DELETE \ -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/autolinks/AUTOLINK_ID
```

Response

Status: 204

Legal