

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

# Milestones

Use the REST API to manage milestones.

## List milestones

✔ Works with [GitHub Apps](#)

Lists milestones for a repository.

### Parameters for "List milestones"

#### 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

**state** string  
The state of the milestone. Either `open`, `closed`, or `all`.  
Default: `open`  
Can be one of: `open`, `closed`, `all`

**sort** string  
What to sort results by. Either `due_on` or `completeness`.  
Default: `due_on`  
Can be one of: `due_on`, `completeness`

**direction** string  
The direction of the sort. Either `asc` or `desc`.  
Default: `asc`  
Can be one of: `asc`, `desc`

**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 milestones"

Status code	Description
200	OK
404	Resource not found

Code samples for "List milestones"

GET

/repos/{owner}/{repo}/milestones

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/milestones
```

Response

Example response

Response schema

Status: 200

```
[ { "url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1", "html_url": "https://github.com/octocat/Hello-World/milestones/v1.0", "labels_url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1/labels", "id": 1002604, "node_id": "MDk6TWlsZXN0b25lMTAwMjYwNA==", "number": 1, "state": "open", "title": "v1.0", "description": "Tracking milestone for version 1.0", "creator": { "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":
```

Create a milestone [↗](#)

✔ Works with [GitHub Apps](#)

Creates a milestone.

Parameters for "Create a milestone"

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

**title** string **Required**

The title of the milestone.

**state** string

The state of the milestone. Either `open` or `closed`.

Default: `open`

Can be one of: `open`, `closed`

**description** string

A description of the milestone.

**due\_on** string

The milestone due date. This is a timestamp in [ISO 8601](#) format: `YYYY-MM-DDTHH:MM:SSZ`.

HTTP response status codes for "Create a milestone"

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

Code samples for "Create a milestone"

POST

`/repos/{owner}/{repo}/milestones`

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/milestones \ -d '{"title":"v1.0","state":"open","description":"Tracking milestone for version 1.0","due_on":"2012-10-09T23:39:01Z"}'
```

Response

Example response

Response schema

Status: 201

```
{ "url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1", "html_url": "https://github.com/octocat/Hello-World/milestones/v1.0", "labels_url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1/labels", "id": 1002604, "node_id": "MDk6TWlsZXN0b25lMTAwMjYwNA==", "number": 1, "state": "open", "title": "v1.0", "description": "Tracking milestone for version 1.0", "creator": { "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":
```

## Get a milestone

✔ Works with [GitHub Apps](#)

Gets a milestone using the given milestone number.

### Parameters for "Get a milestone"

#### 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.

**milestone\_number** integer **Required**

The number that identifies the milestone.

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

Status code	Description
200	OK
404	Resource not found

### Code samples for "Get a milestone"

GET

/repos/{owner}/{repo}/milestones/{milestone\_number}

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/milestones/MILESTONE_NUMBER
```

Response

Example responseResponse schema

Status: 200

```
{ "url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1", "html_url": "https://github.com/octocat/Hello-World/milestones/v1.0", "labels_url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1/labels", "id": 1002604, "node_id": "MDk6TWlsZXN0b25lMTAwMjYwNA==", "number": 1, "state": "open", "title": "v1.0", "description": "Tracking milestone for version 1.0", "creator": { "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":
```

## Update a milestone

✔ Works with [GitHub Apps](#)

### Parameters for "Update a milestone"

#### 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.

**milestone\_number** integer **Required**

The number that identifies the milestone.

#### Body parameters

**title** string

The title of the milestone.

**state** string

The state of the milestone. Either `open` or `closed`.

Default: `open`

Can be one of: `open`, `closed`

**description** string

A description of the milestone.

**due\_on** string

The milestone due date. This is a timestamp in [ISO 8601](#) format: YYYY-MM-DDTHH:MM:SSZ .

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

Status code	Description
200	OK

## Code samples for "Update a milestone"

**PATCH** /repos/{owner}/{repo}/milestones/{milestone\_number}

cURLJavaScriptGitHub CLI

```
curl -L \ -X PATCH \ -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/milestones/MILESTONE_NUMBER \ -d '{"title":"v1.0","state":"open","description":"Tracking milestone for version 1.0","due_on":"2012-10-09T23:39:01Z"}'
```

## Response

Example responseResponse schema

Status: 200

```
{ "url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1", "html_url": "https://github.com/octocat/Hello-World/milestones/v1.0", "labels_url": "https://HOSTNAME/repos/octocat/Hello-World/milestones/1/labels", "id": 1002604, "node_id": "MDk6TWlsZXN0b25lMTAwMjYwNA==", "number": 1, "state": "open", "title": "v1.0", "description": "Tracking milestone for version 1.0", "creator": { "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":
```

## Delete a milestone

✔ Works with [GitHub Apps](#)

Deletes a milestone using the given milestone number.

## Parameters for "Delete a milestone"

### Headers

**accept** string

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

### Path parameters

**owner** string **Required**

**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.

**milestone\_number** integer **Required**

The number that identifies the milestone.

HTTP response status codes for "Delete a milestone"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Delete a milestone"


DELETE

/repos/{owner}/{repo}/milestones/{milestone\_number}

cURL

JavaScript

GitHub 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/milestones/MILESTONE_NUMBER
```

Response

Status: 204

Legal