REST API / Issues / Milestones

GitHub Docs



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 <u>GitHub Apps</u>

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"



## Response

Example response Response schema

Status: 200

[ { "url": "https://api.github.com/repos/octocat/Hello-World/milestones/1", "html\_url": "https://github.com/octocat/Hello-World/milestones/1", "html\_url": "https://github.com/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://api.github.com/users/octocat", "html\_url": "https://github.com/octocat", "followers\_url": "https://api.github.com/users/octocat/followers", "following\_url": "

# Create a milestone &

Works with <u>GitHub Apps</u>

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 <a href="ISO 8601">ISO 8601</a> 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"



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Example response Response schema

Status: 201

{ "url": "https://api.github.com/repos/octocat/Hello-World/milestones/1", "html\_url": "https://github.com/octocat/Hello-World/milestones/10", "labels\_url": "https://api.github.com/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://api.github.com/users/octocat", "html\_url": "https://github.com/octocat", "followers\_url": "https://api.github.com/users/octocat/followers", "following\_url": "

# Get a milestone @

Works with <u>GitHub Apps</u>

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.

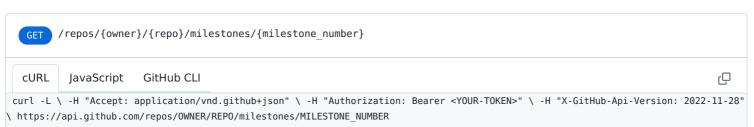
milestone\_number integer Required

The number that identifies the milestone.

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

Status code	Description
200	ОК
404	Resource not found

#### Code samples for "Get a milestone"



#### Response

Example response Response schema

Status: 200

{ "url": "https://api.github.com/repos/octocat/Hello-World/milestones/1", "html\_url": "https://github.com/octocat/Hello-World/milestones/v1.0", "labels\_url": "https://api.github.com/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://api.github.com/users/octocat", "html\_url": "https://github.com/octocat", "followers\_url": "https://api.github.com/users/octocat/followers", "following\_url":

# Update a milestone &

Works with <u>GitHub Apps</u>

# 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  $\ensuremath{\,\mathsf{open}\,}$  or  $\ensuremath{\,\mathsf{closed}\,}$  .

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

## Code samples for "Update a milestone"

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

cURL JavaScript GitHub CLI

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curl -L \ -X PATCH \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/repos/OWNER/REPO/milestones/MILESTONE\_NUMBER \ -d

OK

'{"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: 200

{ "url": "https://api.github.com/repos/octocat/Hello-World/milestones/1", "html\_url": "https://github.com/octocat/Hello-World/milestones/v1.0", "labels\_url": "https://api.github.com/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://api.github.com/users/octocat", "html\_url": "https://github.com/octocat", "followers\_url": "https://api.github.com/users/octocat/followers", "following\_url":

# Delete a milestone &

Works with <u>GitHub Apps</u>

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

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The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

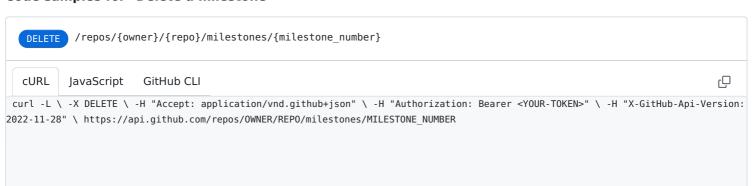
milestone\_number integer Required

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"



#### Response

Status: 204

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