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

Repository Pre-receive Hooks

Use the REST API to view and modify enforcement of the pre-receive hooks that are available to a repository.

About repository pre-receive hooks 🔗

These endpoints only support authentication using a personal access token (classic). For more information, see "Managing your personal access tokens."

Name	Type	Description
name	string	The name of the hook.
enforcement	string	The state of enforcement for the hook on this repository.
configuration_url	string	URL for the endpoint where enforcement is set.

Possible values for *enforcement* are `enabled` , `disabled` and `testing` . `disabled` indicates the pre-receive hook will not run. `enabled` indicates it will run and reject any pushes that result in a non-zero status. `testing` means the script will run but will not cause any pushes to be rejected.

`configuration_url` may be a link to this repository, it's organization owner or global configuration. Authorization to access the endpoint at `configuration_url` is determined at the owner or site admin level.

List pre-receive hooks for a repository 🔗

✅ Works with GitHub Apps

List all pre-receive hooks that are enabled or testing for this repository as well as any disabled hooks that are allowed to be enabled at the repository level. Pre-receive hooks that are disabled at a higher level and are not configurable will not be listed.

Parameters for "List pre-receive hooks 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.

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`

direction string

The direction to sort the results by.

Default: `desc`
Can be one of: `asc` , `desc`

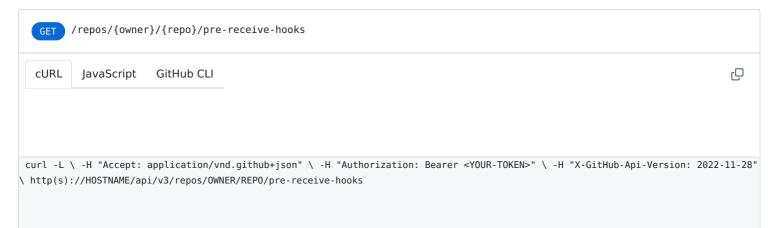**sort** string

Default: `created`
Can be one of: `created` , `updated` , `name`

HTTP response status codes for "List pre-receive hooks for a repository"

Status code	Description
`200`	OK

Code samples for "List pre-receive hooks for a repository"

> GET /repos/{owner}/{repo}/pre-receive-hooks

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/pre-receive-hooks
```

Response

Example response	Response schema

Status: 200

[{ "id": 42 , "name": "Check Commits" , "enforcement": "disabled" , "configuration_url":

[{ "id": 42, "name": "Check Commits", "enforcement": "disabled", "configuration_url": "https://github.example.com/api/v3/orgs/octocat/pre-receive-hooks/42" }]

Get a pre-receive hook for a repository 🔗

✓ Works with [GitHub Apps](#)

Parameters for "Get a pre-receive hook 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.

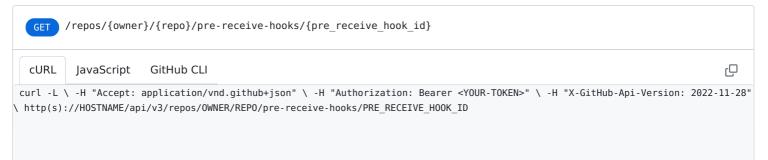**pre_receive_hook_id**   integer   Required

The unique identifier of the pre-receive hook.

HTTP response status codes for "Get a pre-receive hook for a repository"

Status code	Description
`200`	OK

Code samples for "Get a pre-receive hook for a repository"

GET `/repos/{owner}/{repo}/pre-receive-hooks/{pre_receive_hook_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/pre-receive-hooks/PRE_RECEIVE_HOOK_ID
```

Response

Example response   Response schema

```
   Status: 200
```

```
 { "id": 42, "name": "Check Commits", "enforcement": "disabled", "configuration_url":
"https://github.example.com/api/v3/orgs/octocat/pre-receive-hooks/42" }
```

Update pre-receive hook enforcement for a repository 🔗

✅ Works with [GitHub Apps](#)

For pre-receive hooks which are allowed to be configured at the repo level, you can set `enforcement`

Parameters for "Update pre-receive hook enforcement 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.

`pre_receive_hook_id` integer Required

The unique identifier of the pre-receive hook.

Body parameters

`enforcement` string

The state of enforcement for the hook on this repository.

Can be one of: `enabled` , `disabled` , `testing`

HTTP response status codes for "Update pre-receive hook enforcement for a repository"

Status code	Description
`200`	OK

Code samples for "Update pre-receive hook enforcement for a repository"

PATCH /repos/{owner}/{repo}/pre-receive-hooks/{pre_receive_hook_id}

cURL   JavaScript   GitHub 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/pre-receive-hooks/PRE_RECEIVE_HOOK_ID \ -d '{"enforcement":"enabled"}'
```

Response

Example response   Response schema

```
Status: 200
```

```
{ "id": 42, "name": "Check Commits", "enforcement": "enabled", "configuration_url":
"https://github.example.com/api/v3/repos/octocat/hello-world/pre-receive-hooks/42" }
```

Remove pre-receive hook enforcement for a repository 🔗

✅ Works with [GitHub Apps](#)

Deletes any overridden enforcement on this repository for the specified hook.

Responds with effective values inherited from owner and/or global level.

Parameters for "Remove pre-receive hook enforcement 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.

pre_receive_hook_id integer   Required

The unique identifier of the pre-receive hook.

HTTP response status codes for "Remove pre-receive hook enforcement for a repository"

Status code	Description
`200`	Responds with effective values inherited from owner and/or global level.

Code samples for "Remove pre-receive hook enforcement for a repository"

DELETE `/repos/{owner}/{repo}/pre-receive-hooks/{pre_receive_hook_id}`

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/pre-receive-hooks/PRE_RECEIVE_HOOK_ID
```

Responds with effective values inherited from owner and/or global level.

Example response | Response schema

Status: 200

```
{ "id": 42, "name": "Check Commits", "enforcement": "disabled", "configuration_url":
"https://github.example.com/api/v3/orgs/octocat/pre-receive-hooks/42" }
```