

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

Pulls

Use the REST API to interact with pull requests.

About pull requests

You can list, view, edit, create, and merge pull requests using the REST API. For information about how to interact with comments on a pull request, see "[Issue comments](#)."

Pull requests are a type of issue. Any actions that are available in both pull requests and issues, like managing assignees, labels, and milestones, are provided by the REST API to manage issues. For more information, see "[Issues](#)."

Custom media types for pull requests

These are the supported media types for pull requests.

```
application/vnd.github.raw+json
application/vnd.github.text+json
application/vnd.github.html+json
application/vnd.github.full+json
application/vnd.github.diff
application/vnd.github.patch
```

For more information, see "[Media types](#)."

If a diff is corrupt, contact us through the [GitHub Support portal](#). Include the repository name and pull request ID in your message.

Link Relations

Pull requests have these possible link relations:

- `self` : The API location of this pull request
- `html` : The HTML location of this pull request
- `issue` : The API location of this pull request's [issue](#)
- `comments` : The API location of this pull request's [issue comments](#)
- `review_comments` : The API location of this pull request's [review comments](#)
- `review_comment` : The [URL template](#) to construct the API location for a [review comment](#) in this pull request's repository
- `commits` : The API location of this pull request's [commits](#)
- `statuses` : The API location of this pull request's [commit statuses](#), which are the statuses of its `head` branch

List pull requests

✔ Works with [GitHub Apps](#)

Draft pull requests are available in public repositories with GitHub Free and GitHub Free for organizations, GitHub Pro, and legacy per-repository billing plans, and in public and private repositories with GitHub Team and GitHub Enterprise Cloud. For more information, see [GitHub's products](#) in the GitHub Help documentation.

Parameters for "List pull requests"

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

Either `open` , `closed` , or `all` to filter by state.

Default: `open`

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

head string

Filter pulls by head user or head organization and branch name in the format of `user:ref-name` or `organization:ref-name` . For example: `github:new-script-format` or `octocat:test-branch` .

base string

Filter pulls by base branch name. Example: `gh-pages` .

sort string

What to sort results by. `popularity` will sort by the number of comments. `long-running` will sort by date created and will limit the results to pull requests that have been open for more than a month and have had activity within the past month.

Default: `created`

Can be one of: `created` , `updated` , `popularity` , `long-running`

direction string

The direction of the sort. Default: `desc` when sort is `created` or sort is not specified, otherwise `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 pull requests"

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

Code samples for "List pull requests"

GET

/repos/{owner}/{repo}/pulls

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" \ https://api.github.com/repos/OWNER/REPO/pulls
```

Response

Example response

Response schema

Status: 200

```
[ { "url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347", "id": 1, "node_id": "MDExO1B1bGxSZXF1ZXN0MQ==", "html_url": "https://github.com/octocat/Hello-World/pull/1347", "diff_url": "https://github.com/octocat/Hello-World/pull/1347.diff", "patch_url": "https://github.com/octocat/Hello-World/pull/1347.patch", "issue_url": "https://api.github.com/repos/octocat/Hello-World/issues/1347", "commits_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/commits", "review_comments_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/comments", "review_comment_url": "https://api.github.com/repos/octocat/Hello-World/pulls/comments{/number}", "comments_url":
```

Create a pull request

✔ Works with [GitHub Apps](#)

Draft pull requests are available in public repositories with GitHub Free and GitHub Free for organizations, GitHub Pro, and legacy per-repository billing plans, and in public and private repositories with GitHub Team and GitHub Enterprise Cloud. For more information, see [GitHub's products](#) in the GitHub Help documentation.

To open or update a pull request in a public repository, you must have write access to the head or the source branch. For organization-owned repositories, you must be a member of the organization that owns the repository to open or update a pull request.

This endpoint triggers [notifications](#). Creating content too quickly using this endpoint may result in secondary rate limiting. See "[Secondary rate limits](#)" and "[Dealing with secondary rate limits](#)" for details.

Parameters for "Create a pull request"

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

The title of the new pull request. Required unless `issue` is specified.

head string **Required**

The name of the branch where your changes are implemented. For cross-repository pull requests in the same network, namespace `head` with a user like this: `username:branch`.

head_repo string

The name of the repository where the changes in the pull request were made. This field is required for cross-repository pull requests if both repositories are owned by the same organization.

base string **Required**

The name of the branch you want the changes pulled into. This should be an existing branch on the current repository. You cannot submit a pull request to one repository that requests a merge to a base of another repository.

body string

The contents of the pull request.

maintainer_can_modify boolean

Indicates whether [maintainers can modify](#) the pull request.

draft boolean

Indicates whether the pull request is a draft. See "[Draft Pull Requests](#)" in the GitHub Help documentation to learn more.

issue integer

An issue in the repository to convert to a pull request. The issue title, body, and comments will become the title, body, and comments on the new pull request. Required unless `title` is specified.

HTTP response status codes for "Create a pull request"

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

Code samples for "Create a pull request"

POST /repos/{owner}/{repo}/pulls

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" \ https://api.github.com/repos/OWNER/REPO/pulls \ -d '{"title":"Amazing new feature","body":"Please pull these awesome changes in!","head":"octocat:new-feature","base":"master"}'
```

Response

Example response

Response schema

Status: 201

```
{ "url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347", "id": 1, "node_id": "MDExO1B1bGxSZXF1ZXN0MQ==",
"html_url": "https://github.com/octocat/Hello-World/pull/1347", "diff_url": "https://github.com/octocat/Hello-World/pull/1347.diff", "patch_url": "https://github.com/octocat/Hello-World/pull/1347.patch", "issue_url":
"https://api.github.com/repos/octocat/Hello-World/issues/1347", "commits_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/commits", "review_comments_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/comments",
"review_comment_url": "https://api.github.com/repos/octocat/Hello-World/pulls/comments{/number}", "comments_url":
```

Get a pull request

✔ Works with [GitHub Apps](#)

Draft pull requests are available in public repositories with GitHub Free and GitHub Free for organizations, GitHub Pro, and legacy per-repository billing plans, and in public and private repositories with GitHub Team and GitHub Enterprise Cloud. For more information, see [GitHub's products](#) in the GitHub Help documentation.

Lists details of a pull request by providing its number.

When you get, [create](#), or [edit](#) a pull request, GitHub Enterprise Cloud creates a merge commit to test whether the pull request can be automatically merged into the base branch. This test commit is not added to the base branch or the head branch. You can review the status of the test commit using the `mergeable` key. For more information, see ["Checking mergeability of pull requests"](#).

The value of the `mergeable` attribute can be `true`, `false`, or `null`. If the value is `null`, then GitHub Enterprise Cloud has started a background job to compute the mergeability. After giving the job time to complete, resubmit the request. When the job finishes, you will see a non-`null` value for the `mergeable` attribute in the response. If `mergeable` is `true`, then `merge_commit_sha` will be the SHA of the *test* merge commit.

The value of the `merge_commit_sha` attribute changes depending on the state of the pull request. Before merging a pull request, the `merge_commit_sha` attribute holds the SHA of the *test* merge commit. After merging a pull request, the `merge_commit_sha` attribute changes depending on how you merged the pull request:

- If merged as a [merge commit](#), `merge_commit_sha` represents the SHA of the merge commit.
- If merged via a [squash](#), `merge_commit_sha` represents the SHA of the squashed commit on the base branch.
- If [rebased](#), `merge_commit_sha` represents the commit that the base branch was updated to.

Pass the appropriate [media type](#) to fetch diff and patch formats.

Parameters for "Get a pull request"

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.

pull_number integer **Required**

The number that identifies the pull request.

HTTP response status codes for "Get a pull request"

Status code	Description
200	Pass the appropriate media type to fetch diff and patch formats.
304	Not modified
404	Resource not found
500	Internal Error
503	Service unavailable

Code samples for "Get a pull request"

GET

/repos/{owner}/{repo}/pulls/{pull_number}

cURLJavaScriptGitHub CLI

curl -L \ -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/pulls/PULL_NUMBER

Pass the appropriate [media type](#) to fetch diff and patch formats.

Example response

Response schema

Status: 200

```
{ "url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347", "id": 1, "node_id": "MDExO1B1bGxSZXF1ZXN0MQ==", "html_url": "https://github.com/octocat/Hello-World/pull/1347", "diff_url": "https://github.com/octocat/Hello-World/pull/1347.diff", "patch_url": "https://github.com/octocat/Hello-World/pull/1347.patch", "issue_url": "https://api.github.com/repos/octocat/Hello-World/issues/1347", "commits_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/commits", "review_comments_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/comments", "review_comment_url": "https://api.github.com/repos/octocat/Hello-World/pulls/comments{/number}", "comments_url":
```

Update a pull request

✔ Works with [GitHub Apps](#)

Draft pull requests are available in public repositories with GitHub Free and GitHub Free for organizations, GitHub Pro, and legacy per-repository billing plans, and in public and private repositories with GitHub Team and GitHub Enterprise Cloud. For more information, see [GitHub's products](#) in the GitHub Help documentation.

To open or update a pull request in a public repository, you must have write access to the head or the source branch. For organization-owned repositories, you must be a member of the organization that owns the repository to open or update a pull request.

Parameters for "Update a pull request"

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.

pull_number integer **Required**
The number that identifies the pull request.

Body parameters

title string
The title of the pull request.

body string
The contents of the pull request.

state string
State of this Pull Request. Either `open` or `closed`.
Can be one of: `open`, `closed`

base string
The name of the branch you want your changes pulled into. This should be an existing branch on the current repository. You cannot update the base branch on a pull request to point to another repository.

maintainer_can_modify boolean
Indicates whether [maintainers can modify](#) the pull request.

HTTP response status codes for "Update a pull request"

Status code	Description
200	OK
403	Forbidden
422	Validation failed, or the endpoint has been spammed.

Code samples for "Update a pull request"

PATCH

/repos/{owner}/{repo}/pulls/{pull_number}

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" \ https://api.github.com/repos/OWNER/REPO/pulls/PULL_NUMBER \ -d '{"title":"new title","body":"updated body","state":"open","base":"master"}'
```

Response

Example response

Response schema

Status: 200

```
{ "url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347", "id": 1, "node_id": "MDExO1B1bGxSZXF1ZXN0MQ==", "html_url": "https://github.com/octocat/Hello-World/pull/1347", "diff_url": "https://github.com/octocat/Hello-World/pull/1347.diff", "patch_url": "https://github.com/octocat/Hello-World/pull/1347.patch", "issue_url": "https://api.github.com/repos/octocat/Hello-World/issues/1347", "commits_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/commits", "review_comments_url": "https://api.github.com/repos/octocat/Hello-World/pulls/1347/comments", "review_comment_url": "https://api.github.com/repos/octocat/Hello-World/pulls/comments{/number}", "comments_url":
```

List commits on a pull request

Works with [GitHub Apps](#)

Lists a maximum of 250 commits for a pull request. To receive a complete commit list for pull requests with more than 250 commits, use the [List commits](#) endpoint.

Parameters for "List commits on a pull request"

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.

The name of the repository, without the `.git` extension. The name is not case sensitive.

pull_number integer **Required**

The number that identifies the pull request.

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 commits on a pull request"

Status code	Description
-------------	-------------

200	OK
-----	----

Code samples for "List commits on a pull request"

GET /repos/{owner}/{repo}/pulls/{pull_number}/commits

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" \ https://api.github.com/repos/OWNER/REPO/pulls/PULL_NUMBER/commits
```

Response

Example response Response schema

Status: 200

```
[ { "url": "https://api.github.com/repos/octocat/Hello-World/commits/6dcb09b5b57875f334f61aebd695e2e4193db5e", "sha": "6dcb09b5b57875f334f61aebd695e2e4193db5e", "node_id": "MDY6Q29tbWl0NmRjYjA5YjViNTc4NzVmMzM0ZjYxYWViZWQ2OTVLMmU0MTkzZGI1ZQ==", "html_url": "https://github.com/octocat/Hello-World/commit/6dcb09b5b57875f334f61aebd695e2e4193db5e", "comments_url": "https://api.github.com/repos/octocat/Hello-World/commits/6dcb09b5b57875f334f61aebd695e2e4193db5e/comments", "commit": { "url": "https://api.github.com/repos/octocat/Hello-World/git/commits/6dcb09b5b57875f334f61aebd695e2e4193db5e", "author": { "name": "Monalisa Octocat", "email": "support@github.com", "date": "2011-04-14T16:00:49Z" }, "committer": { "name": "Monalisa Octocat",
```

List pull requests files

✔ Works with [GitHub Apps](#)

Note: Responses include a maximum of 3000 files. The paginated response returns 30 files per page by default.

Parameters for "List pull requests files"

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.

pull_number integer **Required**

The number that identifies the pull request.

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 pull requests files"

Status code	Description
200	OK
422	Validation failed, or the endpoint has been spammed.
500	Internal Error
503	Service unavailable

Code samples for "List pull requests files"


GET

`/repos/{owner}/{repo}/pulls/{pull_number}/files`

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" \
https://api.github.com/repos/OWNER/REPO/pulls/PULL_NUMBER/files
```

Response

Example responseResponse schema

Status: 200

[{ "sha": "bbcd538c8e72b8c175046e27cc8f907076331401", "filename": "file1.txt", "status": "added", "additions": 103, "deletions": 21, "changes": 124, "blob_url": "https://github.com/octocat/Hello-World/blob/6dcb09b5b57875f334f61aebd695e2e4193db5e/file1.txt", "raw_url": "https://github.com/octocat/Hello-World/raw/6dcb09b5b57875f334f61aebd695e2e4193db5e/file1.txt", "contents_url": "https://api.github.com/repos/octocat/Hello-World/contents/file1.txt?ref=6dcb09b5b57875f334f61aebd695e2e4193db5e", "patch": "@@ -132,7 +132,7 @@ module Test @@ -1000,7 +1000,7 @@ module Test" }]

Check if a pull request has been merged

✔ Works with [GitHub Apps](#)

Checks if a pull request has been merged into the base branch. The HTTP status of the response indicates whether or not the pull request has been merged; the response body is empty.

Parameters for "Check if a pull request has been merged"

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.
- pull_number** integer **Required**
The number that identifies the pull request.

HTTP response status codes for "Check if a pull request has been merged"

Status code	Description
204	Response if pull request has been merged
404	Not Found if pull request has not been merged

Code samples for "Check if a pull request has been merged"

GET

`/repos/{owner}/{repo}/pulls/{pull_number}/merge`

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"`



```
\ https://api.github.com/repos/OWNER/REPO/pulls/PULL_NUMBER/merge
```

Response if pull request has been merged

Status: 204

Merge a pull request

✔ Works with [GitHub Apps](#)

Merges a pull request into the base branch. This endpoint triggers [notifications](#). Creating content too quickly using this endpoint may result in secondary rate limiting. See "[Secondary rate limits](#)" and "[Dealing with secondary rate limits](#)" for details.

Parameters for "Merge a pull request"

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.

pull_number integer **Required**

The number that identifies the pull request.

Body parameters

commit_title string

Title for the automatic commit message.

commit_message string

Extra detail to append to automatic commit message.

sha string

SHA that pull request head must match to allow merge.

merge_method string

The merge method to use.

Can be one of: `merge` , `squash` , `rebase`

HTTP response status codes for "Merge a pull request"


Status code	Description
200	if merge was successful
403	Forbidden
404	Resource not found
405	Method Not Allowed if merge cannot be performed
409	Conflict if sha was provided and pull request head did not match
422	Validation failed, or the endpoint has been spammed.

Code samples for "Merge a pull request"

`PUT` `/repos/{owner}/{repo}/pulls/{pull_number}/merge`

`cURL``JavaScript``GitHub CLI`

```
curl -L \ -X PUT \ -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/pulls/PULL_NUMBER/merge \ -d '{"commit_title":"Expand enum","commit_message":"Add a new value to the merge_method enum"}'
```



if merge was successful

`Example response``Response schema`

Status: 200

```
{ "sha": "6dcb09b5b57875f334f61aebd695e2e4193db5e", "merged": true, "message": "Pull Request successfully merged" }
```

Update a pull request branch

Updates the pull request branch with the latest upstream changes by merging HEAD from the base branch into the pull request branch.

Parameters for "Update a pull request branch"

Headers
<code>accept</code> 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.

pull_number integer **Required**

The number that identifies the pull request.

Body parameters

expected_head_sha string

The expected SHA of the pull request's HEAD ref. This is the most recent commit on the pull request's branch. If the expected SHA does not match the pull request's HEAD, you will receive a `422 Unprocessable Entity` status. You can use the "[List commits](#)" endpoint to find the most recent commit SHA. Default: SHA of the pull request's current HEAD ref.

HTTP response status codes for "Update a pull request branch"

Status code	Description
202	Accepted
403	Forbidden
422	Validation failed, or the endpoint has been spammed.

Code samples for "Update a pull request branch"

PUT

/repos/{owner}/{repo}/pulls/{pull_number}/update-branch

cURL

JavaScript

GitHub CLI

```
curl -L \ -X PUT \ -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/pulls/PULL_NUMBER/update-branch \ -d '{"expected_head_sha":"6dcb09b5b57875f334f61aebd695e2e4193db5e"}'
```

Response

Example response

Response schema

Status: 202

```
{ "message": "Updating pull request branch.", "url": "https://github.com/repos/octocat/Hello-World/pulls/53" }
```

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