

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

Pull request reviews

Use the REST API to interact with pull request reviews.

About pull request reviews

Pull Request Reviews are groups of pull request review comments on a pull request, grouped together with a state and optional body comment.

Custom media types

These are the supported media types for this set of endpoints:

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

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

List reviews for a pull request

✔ Works with [GitHub Apps](#)

The list of reviews returns in chronological order.

Parameters for "List reviews for 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.

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 reviews for a pull request"

Status code

Description

200

The list of reviews returns in chronological order.

Code samples for "List reviews for a pull request"

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

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/pulls/PULL_NUMBER/reviews
```

The list of reviews returns in chronological order.

Example response

Response schema

Status: 200

```
[ { "id": 80, "node_id": "MDE30lB1bGxSZXF1ZXN0UmV2aWV3ODA=", "user": { "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": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url":
```

Create a review for a pull request

✔ Works with [GitHub Apps](#)

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.

Pull request reviews created in the **PENDING** state are not submitted and therefore do not include the **submitted_at** property in the response. To create a pending review for a pull request, leave the **event** parameter blank. For more

information about submitting a `PENDING` review, see "[Submit a review for a pull request](#)."

Note: To comment on a specific line in a file, you need to first determine the *position* of that line in the diff. The GitHub REST API offers the `application/vnd.github.v3.diff` [media type](#). To see a pull request diff, add this media type to the `Accept` header of a call to the [single pull request](#) endpoint.

The `position` value equals the number of lines down from the first "@@" hunk header in the file you want to add a comment. The line just below the "@@" line is position 1, the next line is position 2, and so on. The position in the diff continues to increase through lines of whitespace and additional hunks until the beginning of a new file.

Parameters for "Create a review for 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_id` string
The SHA of the commit that needs a review. Not using the latest commit SHA may render your review comment outdated if a subsequent commit modifies the line you specify as the `position`. Defaults to the most recent commit in the pull request when you do not specify a value.

`body` string
Required when using `REQUEST_CHANGES` or `COMMENT` for the `event` parameter. The body text of the pull request review.

`event` string
The review action you want to perform. The review actions include: `APPROVE`, `REQUEST_CHANGES`, or `COMMENT`. By leaving this blank, you set the review action state to `PENDING`, which means you will need to [submit the pull request review](#) when you are ready.
Can be one of: `APPROVE`, `REQUEST_CHANGES`, `COMMENT`

`comments` array of objects
Use the following table to specify the location, destination, and contents of the draft review comment.

► Properties of `comments`

HTTP response status codes for "Create a review for a pull request"

Status code	Description
200	OK

403	Forbidden
422	Validation failed, or the endpoint has been spammed.

Code samples for "Create a review for a pull request"

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

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/pulls/PULL_NUMBER/reviews \ -d '{"commit_id":"ecdd80bb57125d7ba9641ffaa4d7d2c19d3f3091","body":"This is close to perfect! Please address the suggested inline change.","event":"REQUEST_CHANGES","comments":[{"path":"file.md","position":6,"body":"Please add more information here, and fix this typo."}]}'
```

Response

Example response

Response schema

Status: 200

```
{ "id": 80, "node_id": "MDE30lB1bGxSZXF1ZXN0UmV2aWV3ODA=", "user": { "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": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url":
```

Get a review for a pull request

✔ Works with [GitHub Apps](#)

Retrieves a pull request review by its ID.

Parameters for "Get a review for 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.

`review_id` integer **Required**

The unique identifier of the review.

HTTP response status codes for "Get a review for a pull request"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get a review for a pull request"

GET

/repos/{owner}/{repo}/pulls/{pull_number}/reviews/{review_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/pulls/PULL_NUMBER/reviews/REVIEW_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 80, "node_id": "MDE30lB1bGxSZXF1ZXN0UmV2aWV3ODA=", "user": { "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": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url":
```

Update a review for a pull request

Works with [GitHub Apps](#)

Update the review summary comment with new text.

Parameters for "Update a review for 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 <code>.git</code> extension. The name is not case sensitive.		
pull_number	integer	Required
The number that identifies the pull request.		
review_id	integer	Required
The unique identifier of the review.		

Body parameters

body	string	Required
The body text of the pull request review.		

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

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

Code samples for "Update a review for a pull request"

PUT /repos/{owner}/{repo}/pulls/{pull_number}/reviews/{review_id}

cURLJavaScriptGitHub CLI

```
curl -L \ -X PUT \ -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/pulls/PULL_NUMBER/reviews/REVIEW_ID \ -d '{"body":"This is close to perfect! Please address the suggested inline change. And add more about this."}'
```

Response

Example responseResponse schema

Status: 200

```
{ "id": 80, "node_id": "MDE30lB1bGxSZXF1ZXN0UmV2aWV3ODA=", "user": { "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": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url":
```

Delete a pending review for a pull request [↗](#)

Deletes a pull request review that has not been submitted. Submitted reviews cannot be deleted.

Parameters for "Delete a pending review for 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.

review_id integer **Required**
The unique identifier of the review.

HTTP response status codes for "Delete a pending review for a pull request"

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

Code samples for "Delete a pending review for a pull request"

DELETE `/repos/{owner}/{repo}/pulls/{pull_number}/reviews/{review_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/pulls/PULL_NUMBER/reviews/REVIEW_ID
```

Response

Example responseResponse schema

Status: 200

```
{ "id": 80, "node_id": "MDE30lB1bGxSZXF1ZXN0UmV2aWV3ODA=", "user": { "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":
"https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}",
"starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url":
"https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url":
```

List comments for a pull request review

✔ Works with [GitHub Apps](#)

List comments for a specific pull request review.

Parameters for "List comments for a pull request review"

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.

review_id integer **Required**

The unique identifier of the review.

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 comments for a pull request review"

Status code	Description
200	OK

Code samples for "List comments for a pull request review"

GET

/repos/{owner}/{repo}/pulls/{pull_number}/reviews/{review_id}/comments

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/pulls/PULL_NUMBER/reviews/REVIEW_ID/comments
```

Response

Example response

Response schema

Status: 200

```
[ { "url": "https://HOSTNAME/repos/octocat/Hello-World/pulls/comments/1", "pull_request_review_id": 42, "id": 10, "node_id": "MDI00lB1bGxSZXF1ZXN0UmV2aWV3Q29tbWVudDEw", "diff_hunk": "@@ -16,33 +16,40 @@ public class Connection : IConnection...", "path": "file1.txt", "position": 1, "original_position": 4, "commit_id": "6dcb09b5b57875f334f61aebd695e2e4193db5e", "original_commit_id": "9c48853fa3dc5c1c3d6f1f1cd1f2743e72652840", "in_reply_to_id": 8, "user": { "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":
```

Dismiss a review for a pull request

✔ Works with [GitHub Apps](#)

Note: To dismiss a pull request review on a [protected branch](#), you must be a repository administrator or be included in the list of people or teams who can dismiss pull request reviews.

Parameters for "Dismiss a review for 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.

review_id integer **Required**

The unique identifier of the review.

Body parameters

message string **Required**

The message for the pull request review dismissal

event string

Value: `DISMISS`

HTTP response status codes for "Dismiss a review for a pull request"

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

Code samples for "Dismiss a review for a pull request"

PUT /repos/{owner}/{repo}/pulls/{pull_number}/reviews/{review_id}/dismissals

cURLJavaScriptGitHub CLI

```
curl -L \ -X PUT \ -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/pulls/PULL_NUMBER/reviews/REVIEW_ID/dismissals \ -d '{"message":"You are dismissed","event":"DISMISS"}'
```

Response

Example responseResponse schema

Status: 200

```
{ "id": 80, "node_id": "MDE30lB1bGxSZXF1ZXN0UmV2aWV30DA=", "user": { "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": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url":
```

Submit a review for a pull request [↗](#)

✔ Works with [GitHub Apps](#)

Submits a pending review for a pull request. For more information about creating a pending review for a pull request,

see "[Create a review for a pull request](#)."

Parameters for "Submit a review for 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.
- review_id** integer **Required**
The unique identifier of the review.

Body parameters

- body** string
The body text of the pull request review
- event** string **Required**
The review action you want to perform. The review actions include: `APPROVE` , `REQUEST_CHANGES` , or `COMMENT` . When you leave this blank, the API returns *HTTP 422 (Unrecognizable entity)* and sets the review action state to `PENDING` , which means you will need to re-submit the pull request review using a review action.
Can be one of: `APPROVE` , `REQUEST_CHANGES` , `COMMENT`

HTTP response status codes for "Submit a review for a pull request"

Status code	Description
200	OK
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.

Code samples for "Submit a review for a pull request"

POST

`/repos/{owner}/{repo}/pulls/{pull_number}/reviews/{review_id}/events`

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/pulls/PULL_NUMBER/reviews/REVIEW_ID/events \ -d '{"body":"Here is the body for the review.", "event":"REQUEST_CHANGES"}'

Response

Example response

Response schema

Status: 200

```
{ "id": 80, "node_id": "MDE30lB1bGxSZXF1ZXN0UmV2aWV3ODA=", "user": { "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": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url":
```

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