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

Events

Use the REST API to interact with GitHub events.

About GitHub events 🔗

GitHub events power the various activity streams on the site.

You can use the REST API to return different types of events triggered by activity on GitHub Enterprise Server. For more information about the specific events that you can receive, see "GitHub event types." Endpoints for repository issues are also available. For more information, see "Issues."

Events are optimized for polling with the "ETag" header. If no new events have been triggered, you will see a "304 Not Modified" response, and your current rate limit will be untouched. There is also an "X-Poll-Interval" header that specifies how often (in seconds) you are allowed to poll. In times of high server load, the time may increase. Please obey the header.

```
$ curl -I http(s)://<em>HOSTNAME</em>/api/v3/users/tater/events
> HTTP/2 200
> X-Poll-Interval: 60
> ETag: "a18c3bded88eb5dbb5c849a489412bf3"

# The quotes around the ETag value are important
$ curl -I http(s)://<em>HOSTNAME</em>/api/v3/users/tater/events \
$    -H 'If-None-Match: "a18c3bded88eb5dbb5c849a489412bf3"'
> HTTP/2 304
> X-Poll-Interval: 60
```

Only events created within the past 90 days will be included in timelines. Events older than 90 days will not be included (even if the total number of events in the timeline is less than 300).

List public events 🔗

✅ Works with GitHub Apps

We delay the public events feed by five minutes, which means the most recent event returned by the public events API actually occurred at least five minutes ago.

Parameters for "List public events"

Headers

accept string

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

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 public events"

Status code	Description
200	OK
304	Not modified
403	Forbidden
503	Service unavailable

Code samples for "List public events"

GET /events

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/events
```

Response

Example response   Response schema

Status: 200

```
[ { "id": "22249084947", "type": "WatchEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat",
"gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" },
"repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": {
"action": "started" }, "public": true, "created_at": "2022-06-09T12:47:28Z" }, { "id": "22249084964", "type": "PushEvent", "actor":
{ "id": 583231, "login": "octocat", "display_login": "octocat", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat",
"avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" }, "repo": { "id": 1296269, "name": "octocat/Hello-World",
```

List public events for a network of repositories 🔗

✓ Works with GitHub Apps

Parameters for "List public events for a network of repositories"

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`

HTTP response status codes for "List public events for a network of repositories"

Status code	Description
`200`	OK
`301`	Moved permanently
`304`	Not modified
`403`	Forbidden
`404`	Resource not found

Code samples for "List public events for a network of repositories"

GET `/networks/{owner}/{repo}/events`

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/networks/OWNER/REPO/events
```

Response

Example response   Response schema

```
    Status: 200

 [ { "id": "22249084964", "type": "PushEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat",
"gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" },
"repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": {
"push_id": 10115855396, "size": 1, "distinct_size": 1, "ref": "refs/heads/master", "head":
"7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "before": "883efe034920928c47fe18598c01249d1a9fdabd", "commits": [ { "sha":
"7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "author": { "email": "octocat@github.cOM", "name": "Monalisa Octocat" }, "message":
```

List public organization events 🔗

✅ Works with [GitHub Apps](#)

Parameters for "List public organization events"

Headers

accept   string

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

Path parameters

org   string   Required

The organization name. 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`

HTTP response status codes for "List public organization events"

Status code	Description
`200`	OK

Code samples for "List public organization events"

GET /orgs/{org}/events

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/orgs/ORG/events
```

Response

Example response | Response schema

Status: 200

[{ "id": "22237752260", "type": "WatchEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" }, "repo": { "id": 1296269, "name": "octo-org/octo-repo", "url": "https://HOSTNAME/repos/octo-org/octo-repo" }, "payload": { "action": "started" }, "public": true, "created_at": "2022-06-08T23:29:25Z" }, { "id": "22249084964", "type": "PushEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" }, "repo": { "id": 1296269, "name": "octo-org/octo-repo", "url":

List repository events 🔗

✅ Works with GitHub Apps

Note: This API is not built to serve real-time use cases. Depending on the time of day, event latency can be anywhere from 30s to 6h.

Parameters for "List repository events"

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`

HTTP response status codes for "List repository events"

Status code	Description
200	OK

Code samples for "List repository events"

`GET` `/repos/{owner}/{repo}/events`

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/events
```

Response

Example response Response schema

Status: 200

```
[ { "id": "22249084964", "type": "PushEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat",
"gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" },
"repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": {
"push_id": 10115855396, "size": 1, "distinct_size": 1, "ref": "refs/heads/master", "head":
"7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "before": "883efe034920928c47fe18598c01249d1a9fdabd", "commits": [ { "sha":
"7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "author": { "email": "octocat@github.com", "name": "Monalisa Octocat" }, "message":
```

List events for the authenticated user 🔗

✓ Works with GitHub Apps

If you are authenticated as the given user, you will see your private events. Otherwise, you'll only see public events.

Parameters for "List events for the authenticated user"

Headers

accept string

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

Path parameters

username string Required

The handle for the GitHub user account.

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 events for the authenticated user"

Status code	Description
`200`	OK

Code samples for "List events for the authenticated user"

`GET` `/users/{username}/events`

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/users/USERNAME/events
```

Response

Example response   Response schema

```
Status: 200
```

```
[ { "id": "22249084947", "type": "WatchEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat",
"gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" },
"repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": {
"action": "started" }, "public": true, "created_at": "2022-06-09T12:47:28Z" }, { "id": "22249084964", "type": "PushEvent", "actor":
{ "id": 583231, "login": "octocat", "display_login": "octocat", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat",
"avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" }, "repo": { "id": 1296269, "name": "octocat/Hello-World",
```

List organization events for the authenticated user 🔗

This is the user's organization dashboard. You must be authenticated as the user to view this.

Parameters for "List organization events for the authenticated user"

Headers

accept string

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

Path parameters

username string   Required

The handle for the GitHub user account.

org string _Required_

The organization name. 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`

HTTP response status codes for "List organization events for the authenticated user"

Status code	Description
`200`	OK

Code samples for "List organization events for the authenticated user"

GET /users/{username}/events/orgs/{org}

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/users/USERNAME/events/orgs/ORG
```

Response

Example response   Response schema

Status: 200

```
[ { "id": "22249084964", "type": "PushEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat",
"gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" },
"repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": {
"push_id": 10115855396, "size": 1, "distinct_size": 1, "ref": "refs/heads/master", "head":
"7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "before": "883efe034920928c47fe18598c01249d1a9fdabd", "commits": [ { "sha":
"7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "author": { "email": "octocat@github.com", "name": "Monalisa Octocat" }, "message":
```

List public events for a user 🔗

✅ Works with GitHub Apps

Parameters for "List public events for a user"

Headers

accept string

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

Path parameters

username string Required

The handle for the GitHub user account.

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 public events for a user"

Status code	Description
`200`	OK

Code samples for "List public events for a user"

`GET` `/users/{username}/events/public`

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/users/USERNAME/events/public
```

Response

Example response   Response schema

Status: 200

```
[ { "id": "22249084947", "type": "WatchEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat",
"gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" },
"repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": {
"action": "started" }, "public": true, "created_at": "2022-06-09T12:47:28Z" }, { "id": "22249084964", "type": "PushEvent", "actor":
{ "id": 583231, "login": "octocat", "display_login": "octocat", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat",
"avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" }, "repo": { "id": 1296269, "name": "octocat/Hello-World",
```

List events received by the authenticated user 🔗

✅ Works with [GitHub Apps](#)

These are events that you've received by watching repos and following users. If you are authenticated as the given user, you will see private events. Otherwise, you'll only see public events.

Parameters for "List events received by the authenticated user"

Headers

accept string

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

Path parameters

username string Required

The handle for the GitHub user account.

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 events received by the authenticated user"

Status code	Description
`200`	OK

Code samples for "List events received by the authenticated user"

GET `/users/{username}/received_events`

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/users/USERNAME/received_events
```

Response

Example response   Response schema

Status: 200

[{ "id": "22249084964", "type": "PushEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" }, "repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": { "push_id": 10115855396, "size": 1, "distinct_size": 1, "ref": "refs/heads/master", "head": "7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "before": "883efe034920928c47fe18598c01249d1a9fdabd", "commits": [{ "sha": "7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "author": { "email": "octocat@github.com", "name": "Monalisa Octocat" }, "message":

List public events received by a user 🔗

✅ Works with [GitHub Apps](#)

Parameters for "List public events received by a user"

Headers

`accept`   string

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

Path parameters

`username`   string   Required

The handle for the GitHub user account.

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 public events received by a user"

Status code	Description
`200`	OK

Code samples for "List public events received by a user"

GET `/users/{username}/received_events/public`

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/users/USERNAME/received_events/public
```

Response

Example response | Response schema

Status: 200

[{ "id": "22249084964", "type": "PushEvent", "actor": { "id": 583231, "login": "octocat", "display_login": "octocat", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "avatar_url": "https://avatars.githubusercontent.com/u/583231?v=4" }, "repo": { "id": 1296269, "name": "octocat/Hello-World", "url": "https://HOSTNAME/repos/octocat/Hello-World" }, "payload": { "push_id": 10115855396, "size": 1, "distinct_size": 1, "ref": "refs/heads/master", "head": "7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "before": "883efe034920928c47fe18598c01249d1a9fdabd", "commits": [{ "sha": "7a8f3ac80e2ad2f6842cb86f576d4bfe2c03e300", "author": { "email": "octocat@github.com", "name": "Monalisa Octocat" }, "message":

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