



Webhook events and payloads

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Learn about when each webhook event occurs and what the payload contains.

About webhook events and payloads &

You can create webhooks that subscribe to the events listed on this page. To limit the number of HTTP requests to your server, you should only subscribe to the specific events that you plan on handling. For more information, see "Creating webhooks."

Each webhook event on this page includes a description of the webhook properties for that event. If the event has multiple actions, the properties corresponding to each action are included.

Each event is only available to specific types of webhooks. For example, an organization webhook can subscribe to the team event, but a repository webhook cannot. The description of each webhook event lists the availability for that event. For more information, see "Types of webhooks."

Payload cap 🔗

Payloads are capped at 25 MB. If an event generates a larger payload, GitHub will not deliver a payload for that webhook event. This may happen, for example, on a create

event if many branches or tags are pushed at once. We suggest monitoring your payload size to ensure delivery.

Delivery headers &

HTTP POST payloads that are delivered to your webhook's configured URL endpoint will contain several special headers:

- X-GitHub-Hook-ID: The unique identifier of the webhook.
- X-GitHub-Event: The name of the event that triggered the delivery.
- X-GitHub-Delivery: A globally unique identifier (GUID) to identify the delivery.
- X-Hub-Signature: This header is sent if the webhook is configured with a secret. This is the HMAC hex digest of the request body, and is generated using the SHA-1 hash function and the secret as the HMAC key. X-Hub-Signature is provided for compatibility with existing integrations. We recommend that you use the more secure X-Hub-Signature-256 instead.
- X-Hub-Signature-256: This header is sent if the webhook is configured with a secret. This is the HMAC hex digest of the request body, and is generated using the SHA-256 hash function and the secret as the HMAC key. For more information, see "Validating webhook deliveries."
- User-Agent : This header will always have the prefix GitHub-Hookshot/ .
- X-GitHub-Hook-Installation-Target-Type : The type of resource where the webhook was created.
- X-GitHub-Hook-Installation-Target-ID: The unique identifier of the resource where the webhook was created.

To see what each header might look like in a webhook payload, see "Example webhook delivery."

Example webhook delivery $\mathscr P$

You can choose to have payloads delivered in JSON format (application/json) or as URL-encoded data (x-www-form-urlencoded). Following is an example of a webhook POST request that uses the JSON format.

```
> POST /payload HTTP/2
> X-GitHub-Delivery: 72d3162e-cc78-11e3-81ab-4c9367dc0958
> X-Hub-Signature: sha1=7d38cdd689735b008b3c702edd92eea23791c5f6
> X-Hub-Signature-256:
sha256=d57c68ca6f92289e6987922ff26938930f6e66a2d161ef06abdf1859230aa23c
> User-Agent: GitHub-Hookshot/044aadd
> Content-Type: application/json
> Content-Length: 6615
> X-GitHub-Event: issues
> X-GitHub-Hook-ID: 292430182
> X-GitHub-Hook-Installation-Target-ID: 79929171
> X-GitHub-Hook-Installation-Target-Type: repository
> {
    "action": "opened",
    "issue": {
>
      "url": "https://api.github.com/repos/octocat/Hello-World/issues/1347",
>
      "number": 1347,
>
   },
    "repository" : {
>
      "id": 1296269,
      "full name": "octocat/Hello-World",
>
     "owner": {
>
       "login": "octocat",
>
        "id": 1,
```

```
> ...
> },
> ...
> },
> "sender": {
> "login": "octocat",
> "id": 1,
> ...
> }
> }
```

branch_protection_configuration ∂

This event occurs when there is a change to branch protection configurations for a repository. For more information, see "About protected branches." For information about using the APIs to manage branch protection rules, see "Branch protection rule" in the GraphQL documentation or "Branch protection" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Administration" repository permission.

Availability for branch protection configuration

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for branch_protection_configuration

Action type: **disabled** •

All branch protections were disabled for a repository.

Webhook request body parameters

```
action string Required

Value: disabled

enterprise object
```

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

```
installation object
```

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

```
organization object
```

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

```
repository object Required
```

The repository on GitHub where the event occurred. Webhook payloads contain the repository

property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

branch_protection_rule *∂*

This event occurs when there is activity relating to branch protection rules. For more information, see "About protected branches." For information about the APIs to manage branch protection rules, see the GraphQL documentation or "Branch protection" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Administration" repository permission.

Availability for branch_protection_rule

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for branch protection rule

Action type: **created** •

A branch protection rule was created.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

rule object Required

The branch protection rule. Includes a name and all the <u>branch protection settings</u> applied to

pranches that match the name. Binary settings are poolean. Multi-level configurations are one of off, non_admins, or everyone. Actor and build lists are arrays of strings.

▶ Properties of rule

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

check run &

This event occurs when there is activity relating to a check run. For information about check runs, see "Getting started with the Checks API." For information about the APIs to manage check runs, see the GraphQL API documentation or "Check Runs" in the REST API documentation.

For activity relating to check suites, use the <code>check-suite</code> event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Checks" repository permission. To receive the rerequested and requested action event types, the app must have at least write-level access for the "Checks" permission. GitHub Apps with write-level access for the "Checks" permission are automatically subscribed to this webhook event.

Repository and organization webhooks only receive payloads for the created and completed event types in repositories.

Note: The API only looks for pushes in the repository where the check run was created. Pushes to a branch in a forked repository are not detected and return an empty pull requests array and a null value for head branch.

Availability for check_run

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for check run

Action type: completed *

A check run was completed, and a conclusion is available.

Webhook request body parameters

action string Value: completed

check run object Required

A check performed on the code of a given code change

▶ Properties of check run

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Anns "

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

check suite @

This event occurs when there is activity relating to a check suite. For information about check suites, see "Getting started with the Checks API." For information about the APIs to manage check suites, see the GraphQL API documentation or "Check Suites" in the REST API documentation.

For activity relating to check runs, use the check run event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Checks" permission. To receive the requested and rerequested event types, the app must have at least write-level access for the "Checks" permission. GitHub Apps with write-level access for the "Checks" permission are automatically subscribed to this webhook event.

Repository and organization webhooks only receive payloads for the completed event types in repositories.

Note: The API only looks for pushes in the repository where the check suite was created. Pushes to a branch in a forked repository are not detected and return an empty pull_requests array and a null value for head_branch.

Availability for check suite

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for check_suite

Action type: completed •

All check runs in a check suite have completed, and a conclusion is available.

Webhook request body parameters

action string Required

Value: completed

check_suite object Required

The check_suite.

▶ Properties of check_suite

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

code_scanning_alert ∂

This event occurs when there is activity relating to code scanning alerts in a repository. For more information, see "About code scanning" and "About code scanning alerts." For information about the API to manage code scanning, see "Code scanning" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Code scanning alerts" repository permission.

Availability for code_scanning_alert

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for code_scanning_alert

Action type: appeared_in_branch •

A previously created code scanning alert appeared in another branch. This can happen when a branch is merged into or created from a branch with a pre-existing code scanning alert.

Webhook request body parameters

action string Required
Value: appeared_in_branch

alert object Required

The code scanning alert involved in the event.

▶ Properties of alert

commit oid string Required

The commit SHA of the code scanning alert. When the action is reopened_by_user or closed_by_user, the event was triggered by the sender and this value will be empty.

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

ref string Required

The Git reference of the code scanning alert. When the action is reopened_by_user or closed_by_user, the event was triggered by the sender and this value will be empty.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

commit_comment ∂

This event occurs when there is activity relating to commit comments. For more information about commit comments, see "Commenting on a pull request." For information about the APIs to manage commit comments, see the GraphQL API documentation or "Commit comments" in the REST API documentation.

For activity relating to comments on pull request reviews, use the pull_request_review_comment event. For activity relating to issue comments, use the issue_comment event. For activity relating to discussion comments, use the discussion_comment event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Contents" repository permission.

Availability for commit comment

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for commit_comment

Someone commented on a commit.

Webhook request body parameters

action string Required

The action performed. Can be created.

Value: created

comment object Required

The commit comment resource.

▶ Properties of comment

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps.</u>"

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

create &

This event occurs when a Git branch or tag is created.

To subscribe to this event, a GitHub App must have at least read-level access for the "Contents" repository permission.

Notes:

- This event will not occur when more than three tags are created at once.
- Payloads are capped at 25 MB. If an event generates a larger payload, GitHub will
 not deliver a payload for that webhook event. This may happen, for example, if many
 branches or tags are pushed at once. We suggest monitoring your payload size to
 ensure delivery.

Availability for create

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for create

Webhook request body parameters

description string or null Required

The repository's current description.

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps.</u>"

master_branch string Required

The name of the repository's default branch (usually main).

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

pusher_type string Required

The pusher type for the event. Can be either user or a deploy key.

ref string Required

The git ref resource.

ref_type string Required

The type of Git ref object created in the repository.

Can be one of: tag , branch

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

delete &

This event occurs when a Git branch or tag is deleted. To subscribe to all pushes to a repository, including branch and tag deletions, use the <u>push</u> webhook event.

To subscribe to this event, a GitHub App must have at least read-level access for the

"Contents" repository permission.

Note: This event will not occur when more than three tags are deleted at once.

Availability for delete

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for delete

Webhook request body parameters

```
enterprise object
```

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

```
installation object
```

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

```
organization object
```

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

```
pusher_type string Required
```

The pusher type for the event. Can be either user or a deploy key.

```
ref string Required
```

The git ref resource.

```
ref_type string Required
```

The type of Git ref object deleted in the repository.

Can be one of: tag, branch

```
repository object Required
```

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

```
sender object Required
```

The GitHub user that triggered the event. This property is included in every webhook payload.

dependabot_alert ∂

This event occurs when there is activity relating to Dependabot alerts.

For more information about Dependabot alerts, see "<u>About Dependabot alerts</u>." For information about the API to manage Dependabot alerts, see "<u>Dependabot alerts</u>" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Dependabot alerts" repository permission.

Note: Webhook events for Dependabot alerts are currently in beta and subject to change.

Availability for dependabot_alert

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for dependabot_alert

Action type: auto_dismissed •

A Dependabot alert was automatically closed.

Webhook request body parameters

action string Required

Value: auto_dismissed

alert object Required

A Dependabot alert.

▶ Properties of alert

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

deploy_key ∂

This event occurs when there is activity relating to deploy keys. For more information,

see "Managing deploy keys." For information about the APIs to manage deploy keys, see the GraphQL API documentation or "Deploy keys" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Deployments" repository permission.

Availability for deploy key

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for deploy_key

Action type: **created** •

A deploy key was created.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

key object Required

The deploy key resource.

▶ Properties of key

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

deployment @

This event occurs when there is activity relating to deployments. For more information,

see "About deployments." For information about the APIs to manage deployments, see the GraphQL API documentation or "Deployments" in the REST API documentation.

For activity relating to deployment status, use the deployment_status event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Deployments" repository permission.

Availability for deployment

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for deployment

A deployment was created.

Webhook request body parameters

action string Required

Value: created

deployment object Required

The deployment.

▶ Properties of deployment

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

workflow object or null Required

► Properties of workflow

workflow_run object or null Required

▶ Properties of workflow run

deployment_protection_rule ∂

This event occurs when there is activity relating to deployment protection rules. For more information, see "<u>Using environments for deployment</u>." For information about the API to manage deployment protection rules, see <u>the REST API documentation</u>.

To subscribe to this event, a GitHub App must have at least read-level access for the "Deployments" repository permission.

Availability for deployment_protection_rule

GitHub Apps

Webhook payload object for deployment protection rule

A deployment protection rule was requested for an environment.

Webhook request body parameters

action string
Value: requested

environment string

The name of the environment that has the deployment protection rule.

event string

The event that triggered the deployment protection rule.

deployment_callback_url string

The URL to review the deployment protection rule.

deployment object

A request for a specific ref(branch,sha,tag) to be deployed

▶ Properties of deployment

pull_requests array of objects

▶ Properties of pull_requests

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is

configured for an organization, or when the event occurs from activity in a repository owned by an organization.

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

deployment review @

This event occurs when there is activity relating to deployment reviews. For more information, see "About deployments." For information about the APIs to manage deployments, see the GraphQL API documentation or "Deployments" in the REST API documentation.

For activity relating to deployment creation or deployment status, use the deployment or deployment status event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Deployments" repository permission.

Availability for deployment_review

GitHub Apps

Webhook payload object for deployment review

Action type: approved •

A deployment review was approved.

Webhook request body parameters

action string Required
Value: approved

approver object

▶ Properties of approver

comment string

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub

Apps."

organizacion object kequireu

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

reviewers array of objects

▶ Properties of reviewers

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

since string Required

workflow_job_run object

► Properties of workflow_job_run

workflow_job_runs array of objects

► Properties of workflow_job_runs

workflow_run object or null Required

▶ Properties of workflow run

deployment_status @

This event occurs when there is activity relating to deployment statuses. For more information, see "About deployments." For information about the APIs to manage deployments, see the GraphQL API documentation or "Deployments" in the REST API documentation.

For activity relating to deployment creation, use the deployment event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Deployments" repository permission.

Availability for deployment status

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for deployment_status

A new deployment status was created.

Webhook request body parameters

action string kequired

Value: created

check_run object or null

▶ Properties of check run

deployment object Required

The deployment.

▶ Properties of deployment

deployment_status object Required

The deployment status.

▶ Properties of deployment_status

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

workflow object or null

▶ Properties of workflow

workflow_run object or null

▶ Properties of workflow_run

discussion @

This event occurs when there is activity relating to a discussion. For more information about discussions, see "<u>GitHub Discussions</u>." For information about the API to manage discussions, see <u>the GraphQL documentation</u>.

For activity relating to a comment on a discussion, use the discussion_comment event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Discussions" repository permission.

Note: Webhook events for GitHub Discussions are currently in beta and subject to change.

Availability for discussion

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for discussion

Action type: answered •

A comment on the discussion was marked as the answer.

Webhook request body parameters

action string Required

Value: answered

answer object Required

► Properties of answer

discussion object Required

A Discussion in a repository.

▶ Properties of discussion

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

discussion comment &

This event occurs when there is activity relating to a comment on a discussion. For more information about discussions, see "<u>GitHub Discussions</u>." For information about the API to manage discussions, see <u>the GraphQL documentation</u>.

For activity relating to a discussion as opposed to comments on a discussion, use the discussion event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Discussions" repository permission.

Note: Webhook events for GitHub Discussions are currently in beta and subject to change.

Availability for discussion_comment

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for discussion_comment

Action type: **created** •

A comment on a discussion was created.

Webhook request body parameters

action string Required

Value: created

comment object Required

▶ Properties of comment

discussion object Required

A Discussion in a repository.

▶ Properties of discussion

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is

configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

fork @

This event occurs when someone forks a repository. For more information, see "Fork a repo." For information about the API to manage forks, see "Forks" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Contents" repository permission.

Availability for fork

- Enterprises
- Repositories
- Organizations
- GitHub Apps

Webhook payload object for fork

Webhook request body parameters

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

forkee object Required

The created <u>repository</u> resource.

▶ Properties of forkee

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps.</u>"

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

github app authorization &

This event occurs when a user revokes their authorization of a GitHub App. For more information, see "About apps." For information about the API to manage GitHub Apps, see the GraphOL API documentation or "Apps" in the REST API documentation.

A GitHub App receives this webhook by default and cannot unsubscribe from this event.

Anyone can revoke their authorization of a GitHub App from their <u>GitHub account</u> <u>settings page</u>. Revoking the authorization of a GitHub App does not uninstall the GitHub App. You should program your GitHub App so that when it receives this webhook, it stops calling the API on behalf of the person who revoked the token. If your GitHub App continues to use a revoked access token, it will receive the 401 Bad Credentials error. For details about requests with a user access token, which require GitHub App authorization, see "<u>Authenticating with a GitHub App on behalf of a user</u>."

Availability for github app authorization

GitHub Apps

Webhook payload object for github app authorization

Someone revoked their authorization of a GitHub App.

Webhook request body parameters

action string Required

Value: revoked

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

gollum 🔗

This event occurs when someone creates or updates a wiki page. For more information, see "About wikis."

To subscribe to this event, a GitHub App must have at least read-level access for the "Contents" repository permission.

Availability for gollum

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for gollum

Webhook request body parameters

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

pages array of objects Required

The pages that were updated.

▶ Properties of pages

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

installation @

This event occurs when there is activity relating to a GitHub App installation. All GitHub Apps receive this event by default. You cannot manually subscribe to this event.

For more information about GitHub Apps, see "About apps." For information about the APIs to manage GitHub Apps, see the GraphQL API documentation or "Apps" in the REST API documentation.

Availability for installation

• GitHub Apps

Webhook payload object for installation

Action type: created •

Someone installed a GitHub App on a user or organization account.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object Required

Installation

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repositories array of objects

An array of repository objects that the installation can access.

▶ Properties of repositories

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

requester object or null

▶ Properties of requester

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

installation_repositories &

This event occurs when there is activity relating to which repositories a GitHub App installation can access. All GitHub Apps receive this event by default. You cannot manually subscribe to this event.

For more information about GitHub Apps, see "About apps." For information about the APIs to manage GitHub Apps, see the GraphQL API documentation or "Apps" in the REST API documentation.

Availability for installation_repositories

• GitHub Apps

Webhook payload object for installation_repositories

Action type: added ▼

A GitHub App installation was granted access to one or more repositories.

Webhook request body parameters

action string Required

Value: added

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object Required

Installation

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repositories_added array of objects Required

An array of repository objects, which were added to the installation.

▶ Properties of repositories_added

repositories_removed array of objects Required

An array of repository objects, which were removed from the installation.

▶ Properties of repositories_removed

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

repository_selection string Required

Describe whether all repositories have been selected or there's a selection involved

Can be one of: all, selected

requester object or null Required

▶ Properties of requester

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

installation target &

This event occurs when there is activity relating to the user or organization account that a GitHub App is installed on. For more information, see "About apps." For information about the APIs to manage GitHub Apps, see the GraphQL API documentation or "Apps" in the REST API documentation.

Availability for installation_target

GitHub Apps

Webhook payload object for installation target

Somebody renamed the user or organization account that a GitHub App is installed on.

Webhook request body parameters

account object Required

▶ Properties of account

action string Required

Value: renamed

changes object Required

▶ Properties of changes

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object Required

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

target_type string Required

issue comment @

This event occurs when there is activity relating to a comment on an issue or pull request. For more information about issues and pull requests, see "About issues" and "About pull requests." For information about the APIs to manage issue comments, see the GraphQL documentation or "Issue comments" in the REST API documentation.

For activity relating to an issue as opposed to comments on an issue, use the issue event. For activity related to pull request reviews or pull request review comments, use the pull_request_review or pull_request_review_comment events. For more information about the different types of pull request comments, see "Working with comments."

To subscribe to this event, a GitHub App must have at least read-level access for the "Issues" repository permission.

Availability for issue_comment

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for issue_comment

Action type: created •

A comment on an issue or pull request was created.

Webhook request body parameters

action string Required

Value: created

comment object Required

The **comment** itself.

▶ Properties of comment

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

issue object Required

The issue the comment belongs to.

▶ Properties of issue

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is

configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

issues @

This event occurs when there is activity relating to an issue. For more information about issues, see "About issues." For information about the APIs to manage issues, see the GraphQL documentation or "Issues" in the REST API documentation.

For activity relating to a comment on an issue, use the issue comment event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Issues" repository permission.

Availability for issues

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for issues

Action type: assigned ▼

An issue was assigned to a user.

Webhook request body parameters

action string Required

The action that was performed.

Value: assigned

assignee object or null

▶ Properties of assignee

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

issue object Required

The issue itself.

▶ Properties of issue

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

label @

This event occurs when there is activity relating to labels. For more information, see "Managing labels." For information about the APIs to manage labels, see the GraphQL documentation or "Labels" in the REST API documentation.

If you want to receive an event when a label is added to or removed from an issue, pull request, or discussion, use the labeled or unlabeled action type for the issues, pull request, or discussion events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Metadata" repository permission.

Availability for label

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for label

Action type: **created** •

A label was created.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

label object Required

▶ Properties of label

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

marketplace purchase &

This event occurs when there is activity relating to a GitHub Marketplace purchase. For more information, see "GitHub Marketplace." For information about the APIs to manage GitHub Marketplace listings, see the GraphQL documentation or "GitHub Marketplace" in the REST API documentation.

Availability for marketplace_purchase

GitHub Marketplace

Webhook payload object for marketplace_purchase

Action type: cancelled ▼

Someone cancelled a GitHub Marketplace plan, and the last billing cycle has ended. The change will take effect on the account immediately.

Webhook request body parameters

action string Required

Value: cancelled

effective_date string Required

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

► Properties of marketplace_purchase

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

previous_marketplace_purchase object

▶ Properties of previous marketplace purchase

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

member @

This event occurs when there is activity relating to collaborators in a repository. For more information, see "Adding outside collaborators to repositories in your organization." For more information about the API to manage repository collaborators, see the GraphQL API documentation or "Collaborators" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Members" organization permission.

Availability for member

- Enterprises
- Repositories
- Organizations
- GitHub Apps

Webhook payload object for member

Action type: **added ▼**

A GitHub user accepted an invitation to a repository.

Webhook request body parameters

action string Required

Value: added

changes object

▶ Properties of changes

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is

configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

member object or null Required

▶ Properties of member

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

membership @

This event occurs when there is activity relating to team membership. For more information, see "About teams." For more information about the APIs to manage team memberships, see the GraphQL API documentation or "Team members" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Members" organization permission.

Availability for membership

- Organizations
- Enterprises
- GitHub Apps

Webhook payload object for membership

Action type: added ▼

An organization member was added to a team.

Webhook request body parameters

action string Required

Value: added

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is

configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

member object or null Required

▶ Properties of member

organization object Required

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

scope string Required

The scope of the membership. Currently, can only be team.

Value: team

sender object or null Required

team object Required

Groups of organization members that gives permissions on specified repositories.

▶ Properties of team

merge_group @

This event occurs when there is activity relating to a merge group in a merge queue. For more information, see "Managing a merge queue."

To subscribe to this event, a GitHub App must have at least read-level access for the "Merge queues" repository permission.

Availability for merge_group

GitHub Apps

Webhook payload object for merge_group

Action type: **checks_requested** •

Status checks were requested for a merge group. This happens when a merge group is created or added to by the merge queue because a pull request was queued.

When you receive this event, you should perform checks on the head SHA and report status back using check runs or commit statuses.

Webhook request body parameters

action string Required
Value: checks_requested

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

merge_group object Required

A group of pull requests that the merge queue has grouped together to be merged.

▶ Properties of merge_group

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

meta 🔗

This event occurs when there is activity relating to a webhook itself.

To subscribe to this event, a GitHub App must have at least read-level access for the "Meta" app permission.

Availability for meta

- GitHub Marketplace
- Enterprises
- Repositories
- Organizations
- GitHub Apps

Webhook payload object for meta

The webhook was deleted.

Webhook request body parameters

action string Required

Value: deleted

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is

configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

hook object Required

The modified webhook. This will contain different keys based on the type of webhook it is: repository, organization, business, app, or GitHub Marketplace.

▶ Properties of hook

hook_id integer Required

The id of the modified webhook.

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

milestone @

This event occurs when there is activity relating to milestones. For more information, see "About milestones." For information about the APIs to manage milestones, see the GraphQL documentation or "Milestones" in the REST API documentation.

If you want to receive an event when an issue or pull request is added to or removed from a milestone, use the milestoned or demilestoned action type for the issues or pull_request events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Issues" or "Pull requests" repository permissions.

Availability for milestone

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for milestone

Action type: closed ▼

A milestone was closed.

Webhook request body parameters

action string Required

Value: closed

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

milestone object Required

A collection of related issues and pull requests.

▶ Properties of milestone

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

org_block @

This event occurs when organization owners or moderators block or unblock a non-member from collaborating on the organization's repositories. For more information, see "Blocking a user from your organization." For information about the APIs to manage blocked users, see the GraphQL documentation or "Blocking users" in the REST API documentation.

If you want to receive an event when members are added or removed from an organization, use the organization event instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Administration" organization permission.

Availability for org_block

- Organizations
- Enterprises
- GitHub Apps

Webhook payload object for org block

асцоп туре: **ріоскец** •

A user was blocked from the organization.

Webhook request body parameters

action string Required

Value: blocked

blocked_user object or null Required

▶ Properties of blocked user

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps.</u>"

organization object Required

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

organization @

This event occurs when there is activity relating to an organization and its members. For more information, see "About organizations." For information about the APIs to manage organizations, see the GraphQL documentation or "Organizations" in the REST API documentation.

If you want to receive an event when a non-member is blocked or unblocked from an organization, use the org block event instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Members" organization permission.

Availability for organization

- Organizations
- Enterprises
- GitHub Apps

Webhook payload object for organization

Action type: **deleted** •

An organization was deleted.

Webhook request body parameters

action string Required

Value: deleted

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

membership object

The membership between the user and the organization. Not present when the action is member invited .

▶ Properties of membership

organization object Required

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

package @

This event occurs when there is activity relating to GitHub Packages. For more information, see "Introduction to GitHub Packages." For information about the APIs to manage GitHub Packages, see the GraphQL API documentation or "Packages" in the REST API documentation.

To install this event on a GitHub App, the app must have at least read-level access for the "Packages" repository permission.

Availability for package

- Repositories
- Organizations

GitHub Apps

Webhook payload object for package

Action type: published •

A package was published to a registry.

Webhook request body parameters

action string Required

Value: published

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

package object Required

Information about the package.

▶ Properties of package

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

page_build @

This event occurs when there is an attempted build of a GitHub Pages site. This event occurs regardless of whether the build is successful. For more information, see "Configuring a publishing source for your GitHub Pages site." For information about the API to manage GitHub Pages, see "Pages" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Pages" repository permission.

Availability for page build

Repositories

- Organizations
- GitHub Apps

Webhook payload object for page_build

Webhook request body parameters

build object Required

The List GitHub Pages builds itself.

▶ Properties of build

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

id integer Required

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

personal access token request &

This event occurs when there is activity relating to a request for a fine-grained personal access token to access resources that belong to a resource owner that requires approval for token access. For more information, see "Creating a personal access token."

To subscribe to this event, a GitHub App must have at least read-level access for the "Personal access token requests" organization permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Availability for personal_access_token_request

GitHub Apps

Webhook payload object for personal access token request

Action type: approved *

A fine-grained personal access token request was approved.

Webhook request body parameters

action string Required

Value: approved

personal_access_token_request object Required

Details of a Personal Access Token Request.

▶ Properties of personal_access_token_request

organization object Required

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

installation object Required

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

ping @

This event occurs when you create a new webhook. The ping event is a confirmation from GitHub that you configured the webhook correctly.

Availability for ping

- Repositories
- Organizations
- GitHub Apps
- Enterprises
- GitHub Marketplace

Webhook payload object for ping

Webhook request body parameters

hook object

The webhook that is being pinged

▶ Properties of hook

hook_id integer

The ID of the webhook that triggered the ping.

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

zen string

Random string of GitHub zen.

project_card @

This event occurs when there is activity relating to a card on a classic project. For more information, see "About projects (classic)." For information about the API to manage classic projects, see the GraphQL API documentation or "Projects (classic)" in the REST API documentation.

For activity relating to a project or a column on a project, use the project and project_column event. For activity relating to Projects instead of Projects (classic), use the projects_v2 event instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Projects" repository or organization permission.

Availability for project card

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for project_card

Action type: converted •

A note in a classic project was converted to an issue.

Webhook request body parameters

action string Required

Value: converted

changes object Required

▶ Properties of changes

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is

configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

project_card object Required

▶ Properties of project_card

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

project @

This event occurs when there is activity relating to a classic project. For more information, see "About projects (classic)." For information about the API to manage classic projects, see the GraphQL API documentation or "Projects (classic)" in the REST API documentation.

For activity relating to a card or column on a project, use the project_card and project_column event. For activity relating to Projects instead of Projects (classic), use the projects v2 event instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Projects" repository or organization permission.

Availability for project

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for project

Action type: **closed** ▼

A classic project was closed.

Webhook request body parameters

action string Required

Value: closed

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

project object Required

▶ Properties of project

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

project_column ₽

This event occurs when there is activity relating to a column on a classic project. For more information, see "About projects (classic)." For information about the API to manage classic projects, see the GraphQL API documentation or "Projects (classic)" in the REST API documentation.

For activity relating to a project or a card on a project, use the project and project_card event. For activity relating to Projects instead of Projects (classic), use the projects_v2 event instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Projects" repository or organization permission.

Availability for project_column

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for project_column

Action type: **created** •

A column was added to a classic project.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

project_column object Required

▶ Properties of project_column

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

projects_v2 ∂

This event occurs when there is activity relating to an organization-level project. For more information, see "About Projects." For information about the Projects API, see the GraphQL documentation.

For activity relating to a item on a project, use the projects_v2_item event. For activity relating to Projects (classic), use the project , project_card , and project_column events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Projects" organization permission.

Note: Webhook events for projects are currently in beta and subject to change. To share feedback about projects webhooks with GitHub, see the <u>Projects webhook feedback</u> <u>discussion</u>.

Availability for projects v2

Organizations

Webhook payload object for projects v2

Action type: closed •

Webhook request body parameters

action string Required

Value: closed

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object Required

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

projects_v2 object Required

A projects v2 project

▶ Properties of projects_v2

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

projects v2 item @

This event occurs when there is activity relating to an item on an organization-level project. For more information, see "About Projects." For information about the Projects API, see the GraphQL documentation.

For activity relating to a project (instead of an item on a project), use the projects_v2 event. For activity relating to Projects (classic), use the project , project_card , and project column events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Projects" organization permission.

Note: Webhook events for projects are currently in beta and subject to change. To share feedback about projects webhooks with GitHub, see the Projects webhook feedback discussion.

Availability for projects_v2_item

Organizations

Webhook payload object for projects v2 item

Action type: archived ▼

An item on an organization project was archived. For more information, see "Archiving items from your project."

Webhook request body parameters

action string Required

value: archived

changes object Required

▶ Properties of changes

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object Required

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

projects_v2_item object Required

An item belonging to a project

▶ Properties of projects_v2_item

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

public @

This event occurs when repository visibility changes from private to public. For more information, see "Setting repository visibility."

To subscribe to this event, a GitHub App must have at least read-level access for the "Metadata" repository permission.

Availability for public

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for public

Webhook request body parameters

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is

configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

pull request @

This event occurs when there is activity on a pull request. For more information, see "About pull requests." For information about the APIs to manage pull requests, see the GraphQL API documentation or "Pulls" in the REST API documentation.

For activity related to pull request reviews, pull request review comments, pull request comments, or pull request review threads, use the pull request review, pull request review comment, issue comment, or pull request review thread events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Pull requests" repository permission.

Availability for pull request

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for pull request

Action type: assigned *

A pull request was assigned to a user.

Webhook request body parameters

action string Required

Value: assigned

assignee object or null Required

▶ Properties of assignee

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub

Anns "

number integer Required

The pull request number.

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

pull_request object Required

▶ Properties of pull_request

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

pull_request_review_comment ∂

This event occurs when there is activity relating to a pull request review comment. A pull request review comment is a comment on a pull request's diff. For more information, see "Commenting on a pull request." For information about the APIs to manage pull request review comments, see the GraphQL API documentation or "Pull request review comments" in the REST API documentation.

For activity related to pull request reviews, pull request comments, or pull request review threads, use the pull_request_review , issue_comment , or pull_request_review_thread events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Pull requests" repository permission.

Availability for pull request review comment

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for pull_request_review_comment

Action type: **created** •

A comment on a pull request diff was created.

Webhook request body parameters

action string Required

Value: created

comment object Required

The comment itself

▶ Properties of comment

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

pull_request object Required

▶ Properties of pull_request

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

pull_request_review ∂

This event occurs when there is activity relating to a pull request review. A pull request review is a group of pull request review comments in addition to a body comment and a state. For more information, see "About pull request reviews." For information about the APIs to manage pull request reviews, see the GraphQL API documentation or "Pull request reviews" in the REST API documentation.

For activity related to pull request review comments, pull request comments, or pull request review threads, use the <code>pull_request_review_comment</code>, <code>issue_comment</code>, or <code>pull request_review thread</code> events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Pull requests" repository permission.

Availability for pull request review

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for pull request review

Action type: dismissed *

Webhook request body parameters

action string Required

Value: dismissed

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

pull_request object Required

▶ Properties of pull_request

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

review object Required

The review that was affected.

▶ Properties of review

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

pull_request_review_thread ∂

This event occurs when there is activity relating to a comment thread on a pull request. For more information, see "About pull request reviews." For information about the APIs to manage pull request reviews, see the GraphQL API documentation or "Pull request review comments" in the REST API documentation.

For activity related to pull request review comments, pull request comments, or pull request reviews, use the pull_request_review_comment, issue_comment, or pull request review events instead.

To subscribe to this event, a GitHub App must have at least read-level access for the "Pull requests" repository permission.

Availability for pull_request_review_thread

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for pull_request_review_thread

Action type: resolved *

A comment thread on a pull request was marked as resolved.

Webhook request body parameters

action string Required

Value: resolved

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps.</u>"

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

pull_request object Required

▶ Properties of pull request

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

thread object Required

▶ Properties of thread

push 🔗

This event occurs when there is a push to a repository branch. This includes when a commit is pushed, when a commit tag is pushed, when a branch is deleted, when a tag is deleted, or when a repository is created from a template. To subscribe to only branch and tag deletions, use the <u>delete</u> webhook event.

To subscribe to this event, a GitHub App must have at least read-level access for the

"Contents" repository permission.

Note: An event will not be created when more than three tags are pushed at once.

Availability for push

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for push

Webhook request body parameters

after string Required

The SHA of the most recent commit on ref after the push.

base_ref string or null Required

before string Required

The SHA of the most recent commit on ref before the push.

commits array of objects Required

An array of commit objects describing the pushed commits. (Pushed commits are all commits that are included in the compare between the before commit and the after commit.) The array includes a maximum of 20 commits. If necessary, you can use the Commits API to fetch additional commits. This limit is applied to timeline events only and isn't applied to webhook deliveries.

▶ Properties of commits

compare string Required

URL that shows the changes in this ref update, from the before commit to the after commit. For a newly created ref that is directly based on the default branch, this is the comparison between the head of the default branch and the after commit. Otherwise, this shows all commits until the after commit.

created boolean Required

Whether this push created the ref.

deleted boolean Required

Whether this push deleted the ref.

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

forced boolean Required

Whether this push was a force push of the ref .

head_commit object or null Required

Proportion of hand commit

► Properties or nead_commit

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

pusher object Required

Metaproperties for Git author/committer information.

▶ Properties of pusher

ref string Required

The full git ref that was pushed. Example: refs/heads/main or refs/tags/v3.14.1.

repository object Required

A git repository

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

registry_package ∂

This event occurs when there is activity relating to GitHub Packages. For more information, see "Introduction to GitHub Packages." For information about the APIs to manage GitHub Packages, see the GraphQL API documentation or "Packages" in the REST API documentation.

To install this event on a GitHub App, the app must have at least read-level access for the "Packages" repository permission.

Note: GitHub recommends that you use the newer package event instead.

Availability for registry_package

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for registry_package

Action type: published •

A package was published to a registry.

Webhook request body parameters

action string Required

Value: published

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

registry package object Required

► Properties of registry_package

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

release @

This event occurs when there is activity relating to releases. For more information, see "About releases." For information about the APIs to manage releases, see the GraphOL API documentation or "Releases" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Contents" repository permission.

Availability for release

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for release

Action type: **created** •

A draft was saved, or a release or pre-release was published without previously being saved as a draft.

Webhook request body parameters

action string Required

Value: created

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

release object Required

The release object.

▶ Properties of release

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

repository_advisory ∂

This event occurs when there is activity relating to a repository security advisory. For more information about repository security advisories, see "About GitHub Security Advisories for repositories."

To subscribe to this event, a GitHub App must have at least read-level access for the "Repository security advisories" permission.

Availability for repository_advisory

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for repository_advisory

Action type: **published** ▼

A repository security advisory was published.

Webhook request body parameters

action string Required

Value: published

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

repository_advisory object Required

A repository security advisory.

► Properties of repository_advisory

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

repository @

This event occurs when there is activity relating to repositories. For more information, see "About repositories." For information about the APIs to manage repositories, see the GraphQL documentation or "Repositories" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Metadata" repository permission.

Availability for repository

- Enterprises
- Repositories
- Organizations
- GitHub Apps

Webhook payload object for repository

Action type: archived •

A repository was archived.

Webhook request body parameters

action string Required

Value: archived

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

repository_dispatch @

This event occurs when a GitHub App sends a POST request to /repos/{owner}/{repo}/dispatches . For more information, see the REST API documentation for creating a repository dispatch event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Contents" repository permission.

Availability for repository_dispatch

GitHub Apps

Webhook payload object for repository_dispatch

The event type that was specified in the POST /repos/{owner}/{repo}/dispatches request body.

Webhook request body parameters

action string Required
Value: sample.collected

branch string Required

client_payload object or null Required

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object Required

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

repository_import ∂

This event occurs when a repository is imported to GitHub Enterprise Cloud. For more information, see "Importing a repository with GitHub Importer." For more information about the API to manage imports, see the REST API documentation.

Availability for repository import

- Repositories
- Organizations

Webhook payload object for repository import

Webhook request body parameters

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

```
status string Required
Can be one of: success, cancelled, failure
```

repository_ruleset ∂

This event occurs when there is activity relating to repository rulesets. For more information about repository rulesets, see "Managing rulesets." For more information on managing rulesets via the APIs, see Repository ruleset in the GraphQL documentation or "Repository rules" and "Organization rules in the REST API documentation."

To subscribe to this event, a GitHub App must have at least read-level access for the "Administration" repository or organization permission.

Availability for repository_ruleset

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for repository_ruleset

Action type: created •

A repository ruleset was created.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

repository_ruleset object Required

A set of rules to apply when specified conditions are met.

► Properties of repository_ruleset

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

repository_vulnerability_alert @

This event occurs when there is activity relating to a security vulnerability alert in a repository.

Note: This event is deprecated. Use the dependabot alert event instead.

Availability for repository vulnerability alert

- Repositories
- Organizations

Webhook payload object for repository_vulnerability_alert

Action type: create >

A repository vulnerability alert was created.

Webhook request body parameters

action string Required

Value: create

alert object Required

▶ Properties of alert

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

secret scanning alert @

This event occurs when there is activity relating to a secret scanning alert. For more information about secret scanning, see "About secret scanning." For information about the API to manage secret scanning alerts, see "Secret scanning" in the REST API documentation.

For activity relating to secret scanning alert locations, use the secret scanning alert location event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Secret scanning alerts" repository permission.

Availability for secret_scanning_alert

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for secret_scanning_alert

Action type: **created** •

A secret scanning alert was created.

Webhook request body parameters

action string Required

Value: created

alert object Required

▶ Properties of alert

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

senuer object

The GitHub user that triggered the event. This property is included in every webhook payload.

secret scanning alert location &

This event occurs when there is activity relating to the locations of a secret in a secret scanning alert.

For more information about secret scanning, see "About secret scanning." For information about the API to manage secret scanning alerts, see "Secret scanning" in the REST API documentation.

For activity relating to secret scanning alerts, use the secret_scanning_alert event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Secret scanning alerts" repository permission.

Availability for secret_scanning_alert_location

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for secret_scanning_alert_location

A new instance of a previously detected secret was detected in a repository, and the location of the secret was added to the existing alert.

Webhook request body parameters

action string

Value: created

alert object Required

Properties of alert

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

location object Required

▶ Properties of location

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

security advisory @

This event occurs when there is activity relating to a security advisory that was reviewed by GitHub. A GitHub-reviewed security advisory provides information about security-related vulnerabilities in software on GitHub. For more information about security advisories, see "About GitHub Security Advisories for repositories." For information about the API to manage security advisories, see the GraphQL documentation.

GitHub Dependabot alerts are also powered by the security advisory dataset. For more information, see "About Dependabot alerts."

Availability for security advisory

GitHub Apps

Webhook payload object for security advisory

Action type: published •

A security advisory was published to the GitHub community.

Webhook request body parameters

action string Required

Value: published

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

security advisory object Required

The details of the security advisory, including summary, description, and severity.

▶ Properties of security_advisory

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

security and analysis &

This event occurs when code security and analysis features are enabled or disabled for a repository. For more information, see "<u>GitHub security features</u>."

To subscribe to this event, a GitHub App must have at least read-level access for the "Administration" repository permission.

Availability for security and analysis

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for security_and_analysis

Webhook request body parameters

changes object Required

▶ Properties of changes

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

Full Repository

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

sponsorship @

This event occurs when there is activity relating to a sponsorship listing. For more information, see "About GitHub Sponsors." For information about the API to manage sponsors, see the GraphQL documentation.

You can only create a sponsorship webhook on GitHub.com. For more information, see

Availability for sponsorship

Sponsored accounts

Webhook payload object for sponsorship

Action type: cancelled •

A sponsorship was cancelled and the last billing cycle has ended.

This event is only sent when a recurring (monthly) sponsorship is cancelled; it is not sent for one-time sponsorships.

Webhook request body parameters

action string Required

Value: cancelled

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

sponsorship object Required

▶ Properties of sponsorship

star &

This event occurs when there is activity relating to repository stars. For more information about stars, see "Saving repositories with stars." For information about the APIs to manage stars, see the GraphQL documentation or "Starring" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the

"Metadata" repository permission.

Availability for star

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for star

Action type: **created ▼**

Someone starred a repository.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

starred at string or null Required

The time the star was created. This is a timestamp in ISO 8601 format: YYYY-MM-DDTHH:MM:SSZ . Will be null for the deleted action.

status 🔗

This event occurs when the status of a Git commit changes. For example, commits can be marked as error, failure, pending, or success. For more information, see "About status checks." For information about the APIs to manage commit statuses, see the GraphQL documentation or "Commit statuses" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the

"Commit statuses" repository permission.

Availability for status

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for status

Webhook request body parameters

avatar_url string or null

branches array of objects Required

An array of branch objects containing the status' SHA. Each branch contains the given SHA, but the SHA may or may not be the head of the branch. The array includes a maximum of 10 branches.

▶ Properties of branches

commit object Required

▶ Properties of commit

context string Required

created_at string Required

description string or null Required

The optional human-readable description added to the status.

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

id integer Required

The unique identifier of the status.

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

name string Required

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository

property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

sha string Required

The Commit SHA.

state string Required

The new state. Can be pending, success, failure, or error.

Can be one of: pending , success , failure , error

target_url string or null Required

The optional link added to the status.

updated_at string Required

team add @

This event occurs when a team is added to a repository. For more information, see "Managing teams and people with access to your repository."

For activity relating to teams, see the teams event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Members" organization permission.

Availability for team_add

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for team_add

Webhook request body parameters

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps</u>."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook pavloads contain the repository

property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

team object Required

Groups of organization members that gives permissions on specified repositories.

▶ Properties of team

team @

This event occurs when there is activity relating to teams in an organization. For more information, see "About teams."

To subscribe to this event, a GitHub App must have at least read-level access for the "Members" organization permission.

Availability for team

- Organizations
- Enterprises
- GitHub Apps

Webhook payload object for team

Action type: added_to_repository •

A team was granted access to a repository.

Webhook request body parameters

action string Required

 $Value: \verb| added_to_repository| \\$

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object Required

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

A git repository

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

team object Required

Groups of organization members that gives permissions on specified repositories.

▶ Properties of team

user &

This event occurs when there is activity relating to user accounts in an enterprise.

Availability for user

Enterprises

Webhook payload object for user

Action type: **created ▼**

A user account was added to the enterprise.

Webhook request body parameters

action string Required

Value: created

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object

The GitHub user that triggered the event. This property is included in every webhook payload.

user object or null

▶ Properties of user

watch &

This event occurs when there is activity relating to watching, or subscribing to, a repository. For more information about watching, see "Managing your subscriptions." For information about the APIs to manage watching, see "Watching" in the REST API documentation.

To subscribe to this event, a GitHub App must have at least read-level access for the "Metadata" repository permission.

Availability for watch

- Repositories
- Organizations
- GitHub Apps

Webhook payload object for watch

Someone started watching the repository.

Webhook request body parameters

action string Required

Value: started

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

workflow_dispatch @

This event occurs when a GitHub Actions workflow is manually triggered. For more information, see "Manually running a workflow."

For activity relating to workflow runs, use the workflow run event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Contents" repository permission.

Availability for workflow dispatch

• GitHub Apps

Webhook payload object for workflow dispatch

Webhook request body parameters

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

inputs object or null Required

installation object

The GitHub App installation. Webhook payloads contain the <u>installation</u> property when the event is configured for and sent to a GitHub App. For more information, see "<u>Using webhooks with GitHub Apps.</u>"

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

ref string Required

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

workflow string Required

workflow_job ₽

This event occurs when there is activity relating to a job in a GitHub Actions workflow. For more information, see "<u>Using jobs in a workflow</u>." For information about the API to manage workflow jobs, see "<u>Workflow jobs</u>" in the REST API documentation.

For activity relating to a workflow run instead of a job in a workflow run, use the workflow_run event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Actions" repository permission.

Availability for workflow_job

- Enterprises
- Repositories
- Organizations
- GitHub Apps

Webhook payload object for workflow_job

Action type: completed •

A job in a workflow run finished. This event occurs when a job in a workflow is completed, regardless of whether the job was successful or unsuccessful.

Webhook request body parameters

action string Required

Value: completed

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

workflow_job object Required

▶ Properties of workflow_job

deployment object

A request for a specific ref(branch,sha,tag) to be deployed

▶ Properties of deployment

workflow_run @

This event occurs when there is activity relating to a run of a GitHub Actions workflow. For more information, see "About workflows." For information about the APIs to manage workflow runs, see the GraphQL documentation or "Workflow runs" in the REST API documentation.

For activity relating to a job in a workflow run, use the workflow job event.

To subscribe to this event, a GitHub App must have at least read-level access for the "Actions" repository permission.

Availability for workflow_run

- Enterprises
- Repositories
- Organizations
- GitHub Apps

Webhook payload object for workflow_run

Action type: completed •

A workflow run finished. This event occurs when a workflow run is completed, regardless of whether the workflow was successful or unsuccessful.

Webhook request body parameters

action string Required

Value: completed

enterprise object

An enterprise on GitHub. Webhook payloads contain the enterprise property when the webhook is configured on an enterprise account or an organization that's part of an enterprise account. For more information, see "About enterprise accounts."

installation object

The GitHub App installation. Webhook payloads contain the installation property when the event is configured for and sent to a GitHub App. For more information, see "Using webhooks with GitHub Apps."

organization object

A GitHub organization. Webhook payloads contain the organization property when the webhook is configured for an organization, or when the event occurs from activity in a repository owned by an organization.

repository object Required

The repository on GitHub where the event occurred. Webhook payloads contain the repository property when the event occurs from activity in a repository.

sender object Required

The GitHub user that triggered the event. This property is included in every webhook payload.

workflow object or null Required

▶ Properties of workflow

workflow_run object Required

► Properties of workflow_run

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