

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

Check Suites

Use the REST API to manage check suites.

Note: A GitHub App usually only receives one `check_suite` event per commit SHA, even if you push the commit SHA to more than one branch. To find out when a commit SHA is pushed to a branch, you can subscribe to branch `create` events.

Create a check suite

✔ Works with [GitHub Apps](#)

Note: The Checks API only looks for pushes in the repository where the check suite or check run were 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`.

By default, check suites are automatically created when you create a [check run](#). You only need to use this endpoint for manually creating check suites when you've disabled automatic creation using "[Update repository preferences for check suites](#)". Your GitHub App must have the `checks:write` permission to create check suites.

Parameters for "Create a check suite"

Headers

`accept` string

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

Path parameters

`owner` string **Required**

The account owner of the repository. The name is not case sensitive.

`repo` string **Required**

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

Body parameters

`head_sha` string **Required**

The sha of the head commit.

HTTP response status codes for "Create a check suite"

| Status code | Description |
|-------------|--|
| 200 | Response when the suite already exists |
| 201 | Response when the suite was created |

Code samples for "Create a check suite"

Example 1: Status Code 200 ↕

POST/repos/{owner}/{repo}/check-suites

cURL

JavaScript

GitHub CLI

```
curl -L \ -X POST \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/check-suites \ -d '{"head_sha":"d6fde92930d4715a2b49857d24b940956b26d2d3"}'
```

Response when the suite already exists

Example response

Response schema

Status: 200

```
{ "id": 5, "node_id": "MDEwOkNoZWNRU3VpdGU1", "head_branch": "master", "head_sha": "d6fde92930d4715a2b49857d24b940956b26d2d3", "status": "completed", "conclusion": "neutral", "url": "https://HOSTNAME/repos/github/hello-world/check-suites/5", "before": "146e867f55c26428e5f9fade55a9bbf5e95a7912", "after": "d6fde92930d4715a2b49857d24b940956b26d2d3", "pull_requests": [], "created_at": "2017-07-08T16:18:44-04:00", "updated_at": "2017-07-08T16:18:44-04:00", "app": { "id": 1, "slug": "octoapp", "node_id": "MDEyOkludGVncmF0aw9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDEyOkludGVncmF0aw9uMQ==", "url": "https://HOSTNAME/orgs/github", "repos_url": "https://HOSTNAME/orgs/github/repos", "events_url":
```

Update repository preferences for check suites

Works with [GitHub Apps](#)

Changes the default automatic flow when creating check suites. By default, a check suite is automatically created each time code is pushed to a repository. When you disable the automatic creation of check suites, you can manually [Create a check suite](#). You must have admin permissions in the repository to set preferences for check suites.

Parameters for "Update repository preferences for check suites"

Headers

accept

string

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

Path parameters

owner

string **Required**

The account owner of the repository. The name is not case sensitive.

repo string **Required**

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

Body parameters

auto_trigger_checks array of objects

Enables or disables automatic creation of CheckSuite events upon pushes to the repository. Enabled by default.

► Properties of `auto_trigger_checks`

HTTP response status codes for "Update repository preferences for check suites"

Status code

Description

200 OK

Code samples for "Update repository preferences for check suites"

PATCH /repos/{owner}/{repo}/check-suites/preferences

cURL JavaScript GitHub CLI



```
curl -L \ -X PATCH \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/check-suites/preferences \ -d '{"auto_trigger_checks": [{"app_id":4,"setting":false}]}'
```

Response

Example response

Response schema

Status: 200

```
{ "preferences": { "auto_trigger_checks": [ { "app_id": 2, "setting": true }, { "app_id": 4, "setting": false } ] }, "repository": { "id": 1296269, "node_id": "MDEwOlJlcG9zaXRvcnkxMjk2MjY5", "name": "Hello-World", "full_name": "octocat/Hello-World", "owner": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravavatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/following{other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}/{repo}",
```

Get a check suite

✔ Works with [GitHub Apps](#)

Note: The Checks API only looks for pushes in the repository where the check suite or check run were 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`.

Gets a single check suite using its `id`. GitHub Apps must have the `checks:read` permission on a private repository or pull access to a public repository to get check suites. OAuth apps and authenticated users must have the `repo` scope to get check suites in a private repository.

Parameters for "Get a check suite"

Headers

`accept` string

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

Path parameters

`owner` string **Required**

The account owner of the repository. The name is not case sensitive.

`repo` string **Required**

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

`check_suite_id` integer **Required**

The unique identifier of the check suite.

HTTP response status codes for "Get a check suite"

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

| | |
|-----|----|
| 200 | OK |
|-----|----|

Code samples for "Get a check suite"

GET

/repos/{owner}/{repo}/check-suites/{check_suite_id}

cURL

JavaScript

GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/check-suites/CHECK_SUITE_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 5, "node_id": "MDEwOkNoZWNRU3VpdGU1", "head_branch": "master", "head_sha": "d6fde92930d4715a2b49857d24b940956b26d2d3", "status": "completed", "conclusion": "neutral", "url": "https://HOSTNAME/repos/github/hello-world/check-suites/5", "before": "146e867f55c26428e5f9fade55a9bbf5e95a7912", "after": "d6fde92930d4715a2b49857d24b940956b26d2d3", "pull_requests": [], "created_at": "2017-07-08T16:18:44-04:00", "updated_at": "2017-07-08T16:18:44-04:00", "app": { "id": 1, "slug": "octoapp", "node_id": "MDEyOkk9yZ2FuaXphdGlvbjE=", "url": "https://HOSTNAME/orgs/github", "repos_url": "https://HOSTNAME/orgs/github/repos", "events_url":
```

Rerequest a check suite

✔ Works with [GitHub Apps](#)

Triggers GitHub to rerequest an existing check suite, without pushing new code to a repository. This endpoint will trigger the [check_suite webhook](#) event with the action `rerequested`. When a check suite is `rerequested`, its `status` is reset to `queued` and the `conclusion` is cleared.

To rerequest a check suite, your GitHub App must have the `checks:write` permission on a private repository or pull access to a public repository.

Parameters for "Rerequest a check suite"

Headers

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

Path parameters

owner string **Required**
The account owner of the repository. The name is not case sensitive.

repo string **Required**
The name of the repository without the `.git` extension. The name is not case sensitive.

check_suite_id integer **Required**
The unique identifier of the check suite.

HTTP response status codes for "Rerequest a check suite"

| Status code | Description |
|-------------|-------------|
| 201 | Created |

Code samples for "Rerequest a check suite"

POST /repos/{owner}/{repo}/check-suites/{check_suite_id}/rerequest

cURLJavaScriptGitHub CLI

```
curl -L \
-X POST \
-H "Accept: application/vnd.github+json" \
-H "Authorization: Bearer <YOUR-TOKEN>" \
-H "X-GitHub-API-Version: 2022-11-28" \
http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/check-suites/CHECK_SUITE_ID/rerequest
```



Response

Example responseResponse schema

Status: 201

List check suites for a Git reference

✔ Works with [GitHub Apps](#)

Lists check suites for a commit `ref` . The `ref` can be a SHA, branch name, or a tag name. GitHub Apps must have the `checks:read` permission on a private repository or pull access to a public repository to list check suites. OAuth apps and authenticated users must have the `repo` scope to get check suites in a private repository.

Note: The endpoints to manage checks only look for pushes in the repository where the check suite or check run were 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` .

Parameters for "List check suites for a Git reference"

Headers

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

Path parameters

owner string **Required**
The account owner of the repository. The name is not case sensitive.

repo string **Required**
The name of the repository without the `.git` extension. The name is not case sensitive.

ref string **Required**
The commit reference. Can be a commit SHA, branch name (`heads/BRANCH_NAME`), or tag name (`tags/TAG_NAME`). For more information, see "[Git References](#)" in the Git documentation.

Query parameters

app_id integer
Filters check suites by GitHub App `id` .

check_name string
Returns check runs with the specified `name` .

per_page integer
The number of results per page (max 100).
Default: `30`

page integer
Page number of the results to fetch.
Default: `1`

HTTP response status codes for "List check suites for a Git reference"

| Status code | Description |
|-------------|-------------|
| 200 | OK |

Code samples for "List check suites for a Git reference"

GET

/repos/{owner}/{repo}/commits/{ref}/check-suites

cURL

JavaScript

GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/commits/REF/check-suites
```

Response

Example response

Response schema

Status: 200

```
{ "total_count": 1, "check_suites": [ { "id": 5, "node_id": "MDEw0kNoZWNrU3VpdGU1", "head_branch": "master", "head_sha": "d6fde92930d4715a2b49857d24b940956b26d2d3", "status": "completed", "conclusion": "neutral", "url": "https://HOSTNAME/repos/github/hello-world/check-suites/5", "before": "146e867f55c26428e5f9fade55a9bbf5e95a7912", "after": "d6fde92930d4715a2b49857d24b940956b26d2d3", "pull_requests": [], "app": { "id": 1, "slug": "octoapp", "node_id": "MDEy0k9yZ2FuaXphdGlvbjE=", "url": "https://HOSTNAME/orgs/github", "repos_url": "https://HOSTNAME/orgs/github/repos", "events_url":
```

Legal