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" \ https://api.github.com/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://api.github.com/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":
"MDExOkludGVncmF0aW9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "url":
"https://api.github.com/orgs/github", "repos_url": "https://api.github.com/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" \ https://api.github.com/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",
"gravatar_id": "", "url": "https://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url":
"https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}",
"gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url":
```

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"
\ https://api.github.com/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://api.github.com/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":
"MDExOkludGVncmF0aW9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "url":
"https://api.github.com/orgs/github", "repos_url": "https://api.github.com/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

cURL   JavaScript   GitHub CLI

```
curl -L \ -X POST \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:
2022-11-28" \ https://api.github.com/repos/OWNER/REPO/check-suites/CHECK_SUITE_ID/rerequest
```

Response

Example response   Response 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).
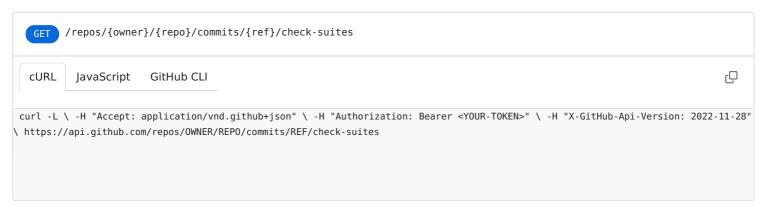
Default: `30`

`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"
\ https://api.github.com/repos/OWNER/REPO/commits/REF/check-suites
```

Response

Example response   Response schema

Status: 200

```
{ "total_count": 1, "check_suites": [ { "id": 5, "node_id": "MDEwOkNoZWNrU3VpdGU1", "head_branch": "master", "head_sha":
"d6fde92930d4715a2b49857d24b940956b26d2d3", "status": "completed", "conclusion": "neutral", "url":
"https://api.github.com/repos/github/hello-world/check-suites/5", "before": "146e867f55c26428e5f9fade55a9bbf5e95a7912", "after":
"d6fde92930d4715a2b49857d24b940956b26d2d3", "pull_requests": [], "app": { "id": 1, "slug": "octoapp", "node_id":
"MDExOkludGVncmF0aW9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "url":
"https://api.github.com/orgs/github", "repos_url": "https://api.github.com/orgs/github/repos", "events_url":
```