



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

Pages

Use the REST API to interact with GitHub Pages sites and builds.

Get a GitHub Enterprise Cloud Pages site &

Works with <u>GitHub Apps</u>

Gets information about a GitHub Enterprise Cloud Pages site.

A token with the repo scope is required. GitHub Apps must have the pages:read permission.

Parameters for "Get a GitHub Enterprise Cloud Pages site"

Headers

accept string

Setting to application/vnd.github+json is recommended

Path parameters

owner string Required

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

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

HTTP response status codes for "Get a GitHub Enterprise Cloud Pages site"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get a GitHub Enterprise Cloud Pages site"



Response

Example response

Response schema

Status: 200

{ "url": "https://api.github.com/repos/github/developer.github.com/pages", "status": "built", "cname": "developer.github.com", "custom_404": false, "html_url": "https://developer.github.com", "source": { "branch": "master", "path": "/" }, "public": true, "https_certificate": { "state": "approved", "description": "Certificate is approved", "domains": ["developer.github.com"], "expires_at": "2021-05-22" }, "https_enforced": true }

Create a GitHub Enterprise Cloud Pages site &

■ Works with GitHub Apps

 $Configures\ a\ GitHub\ Enterprise\ Cloud\ Pages\ site.\ For\ more\ information,\ see\ "\underline{About\ GitHub\ Pages}."$

To use this endpoint, you must be a repository administrator, maintainer, or have the 'manage GitHub Pages settings' permission. A token with the reposcope or Pages write permission is required. GitHub Apps must have the administration:write and pages:write permissions.

Parameters for "Create a GitHub Enterprise Cloud Pages site"

Headers

accept string

Setting to application/vnd.github+json is recommended

Path parameters

owner string Required

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

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

Body parameters

build_type string

The process in which the Page will be built. Possible values are "legacy" and "workflow".

Can be one of: legacy, workflow

source object

The source branch and directory used to publish your Pages site.

▶ Properties of source

HTTP response status codes for "Create a GitHub Enterprise Cloud Pages site"

Status code	Description
201	Created
499	Conflict
477	Validation failed, or the endpoint has been spammed

Code samples for "Create a GitHub Enterprise Cloud Pages site"



Response

Example response Response schema

Status: 201

{ "url": "https://api.github.com/repos/github/developer.github.com/pages", "status": "built", "cname": "developer.github.com", "custom_404": false, "html_url":
"https://developer.github.com", "source": { "branch": "master", "path": "/" }, "public": true, "https_certificate": { "state": "approved", "description": "Certificate is approved", "domains": ["developer.github.com"], "expires_at": "2021-05-22" }, "https_enforced": true }

Update information about a GitHub Enterprise Cloud Pages site 🖋

■ Works with GitHub Apps

Updates information for a GitHub Enterprise Cloud Pages site. For more information, see "About GitHub Pages.

To use this endpoint, you must be a repository administrator, maintainer, or have the 'manage GitHub Pages settings' permission. A token with the repo scope or Pages write permission is required. GitHub Apps must have the administration:write and pages:write permissions.

Parameters for "Update information about a GitHub Enterprise Cloud Pages site"

Headers

accept string

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

Path parameters

owner string Required

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

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

Body parameters

cname string or null

Specify a custom domain for the repository. Sending a null value will remove the custom domain. For more about custom domains, see "Using a custom domain with GitHub Pages."

https enforced boolean

Specify whether HTTPS should be enforced for the repository.

build_type string

The process by which the GitHub Pages site will be built. workflow means that the site is built by a custom GitHub Actions workflow. legacy means that the site is built by GitHub when changes are pushed to a specific branch.

Can be one of: legacy , workflow

source object

Update the source for the repository. Must include the branch name and path.

Properties of source

public boolean

Configures access controls for the GitHub Pages site. If public is set to true, the site is accessible to anyone on the internet. If set to false, the site will only be accessible to users who have at least read access to the repository that published the site. This includes anyone in your Enterprise if the repository is set to internal visibility.

HTTP response status codes for "Update information about a GitHub Enterprise Cloud Pages site"

Status code	Description
204	No Content
400	Bad Request
499	Conflict
422	Validation failed, or the endpoint has been spammed.

Code samples for "Update information about a GitHub Enterprise Cloud Pages site"



Response

Status: 204

Delete a GitHub Enterprise Cloud Pages site &

✓ Works with <u>GitHub Apps</u>

Deletes a GitHub Enterprise Cloud Pages site. For more information, see "About GitHub Pages."

To use this endpoint, you must be a repository administrator, maintainer, or have the 'manage GitHub Pages settings' permission. A token with the reposcope or Pages write permission is required. GitHub Apps must have the administration:write and pages:write permissions.

Parameters for "Delete a GitHub Enterprise Cloud Pages site"

Headers

accept string

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

HTTP response status codes for "Delete a GitHub Enterprise Cloud Pages site"

Status code	Description
204	No Content
404	Resource not found
409	Conflict
422	Validation failed, or the endpoint has been spammed.

Code samples for "Delete a GitHub Enterprise Cloud Pages site"



Response

Status: 204

List GitHub Enterprise Cloud Pages builds &

Lists builts of a GitHub Enterprise Cloud Pages site.

A token with the repo scope is required. GitHub Apps must have the pages: read permission.

Parameters for "List GitHub Enterprise Cloud Pages builds"

Headers

accept string

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

Path parameters

owner string Required

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

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

Query parameters

per_page integer

The number of results per page (max 100).

Default: 30

page integer

Page number of the results to fetch.

Default: 1

200

HTTP response status codes for "List GitHub Enterprise Cloud Pages builds"

Status code Description

Code samples for "List GitHub Enterprise Cloud Pages builds"



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Response

Example response Response schema

Status: 200

[{ "url": "https://api.github.com/repos/github/developer.github.com/pages/builds/5472601", "status": "built", "error": { "message": null }, "pusher": { "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*, "followers_url": "https://api.github.com/users/octocat*, "followers_url": "https://api.github.com/users/octocat/following{other_user}", "gists_url": "https://api.github.com/users/octocat/starred_url": "https://api.github.com/users/octocat/starred_vowner}{other_user}", "subscriptions_url": "https://api.github.com/users/octocat/subscriptions", "organizations_url": "https://api.github.com/users/octocat/subscriptions_url": "https://api.github.com/users/octoc

Request a GitHub Enterprise Cloud Pages build &

You can request that your site be built from the latest revision on the default branch. This has the same effect as pushing a commit to your default branch, but does not require an additional commit. Manually triggering page builds can be helpful when diagnosing build warnings and failures.

Build requests are limited to one concurrent build per repository and one concurrent build per requester. If you request a build while another is still in progress, the second request will be queued until the first completes.

Parameters for "Request a GitHub Enterprise Cloud Pages build"

Headers

accept string

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

Path parameters

owner string Required

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

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

HTTP response status codes for "Request a GitHub Enterprise Cloud Pages build"

Status code Description
201 Created

Code samples for "Request a GitHub Enterprise Cloud Pages build"



Response

Example response Response schema

Status: 201
{ "url": "https://api.github.com/repos/github/developer.github.com/pages/builds/latest", "status": "queued" }

Get latest Pages build @

Works with <u>GitHub Apps</u>

Gets information about the single most recent build of a GitHub Enterprise Cloud Pages site.

A token with the $\ensuremath{\,^{\text{repo}}}$ scope is required. GitHub Apps must have the $\ensuremath{\,^{\text{pages}\,:\,\text{read}}}$ permission.

Parameters for "Get latest Pages build"

Headers

accept string

Setting to application/vnd.github+json is recommended

Path parameters

owner string Required

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

repo string Required

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

HTTP response status codes for "Get latest Pages build"

Status code	Description
200	ОК

Code samples for "Get latest Pages build"

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/pages/builds/latest

Response

Example response Response schema

Status: 200

{ "url": "https://api.github.com/repos/github/developer.github.com/pages/builds/5472601", "status": "built", "error": { "message": null }, "pusher": { "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", "following_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/following/other_user]", "gists_url": "https://api.github.com/users/octocat/following/other_user]", "gists_url": "https://api.github.com/users/octocat/starred[/owner]{/repo}", "subscriptions_url": "https://api.github.com/users/octocat/subscriptions", "organizations_url": "https://api.github.com/users/octocat/subscriptions", "events_url": "https://api.github.com/users/octoc

Get GitHub Enterprise Cloud Pages build @

Works with <u>GitHub Apps</u>

Gets information about a GitHub Enterprise Cloud Pages build.

A token with the repo scope is required. GitHub Apps must have the pages: read permission.

Parameters for "Get GitHub Enterprise Cloud Pages build"

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.

build id __integer Required

HTTP response status codes for "Get GitHub Enterprise Cloud Pages build"

Status code Description
200 OK

Code samples for "Get GitHub Enterprise Cloud Pages build"



Response

Example response Response schema

Status: 200

{ "url": "https://api.github.com/repos/github/developer.github.com/pages/builds/5472601", "status": "built", "error": { "message": null }, "pusher": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://github.com/users/octocat", "followers_url": "https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/following{/other_user}", "subscriptions_url": "https://api.github.com/users/octocat/subscriptions", "organizations_url": "https://api.github.com/users/octocat/orgs", "repos_url": "https://api.github.com/users/octocat/repos", "events_url": "https://api.github.com/users/octocat/orgs", "repos_url": "https://api.github.com/users/octocat/repos", "events_url": "https://api.github.com/users/octocat/orgs", "repos_url": "https://api.github.com/users/octocat/repos", "events_url": "https://api.github.com/users/octocat/orgs", "repos_url": "https://api.github.com/users/octocat/repos", "events_url": "https://api.github.com/users/octocat/orgs", "events_url": "https://api.github.com/users/octocat

Create a GitHub Pages deployment &

■ Works with <u>GitHub Apps</u>

Create a GitHub Pages deployment for a repository.

Parameters for "Create a GitHub Pages deployment"

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

artifact_url string Required

The URL of an artifact that contains the .zip or .tar of static assets to deploy. The artifact belongs to the repository.

environment string

The target environment for this GitHub Pages deployment.

Default: github-pages

pages_build_version string Required

A unique string that represents the version of the build for this deployment.

Default: GITHUB SHA

oidc token string Required

The OIDC token issued by GitHub Actions certifying the origin of the deployment.

HTTP response status codes for "Create a GitHub Pages deployment"

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

Code samples for "Create a GitHub Pages deployment"

POST /repos/{owner}/{repo}/pages/deployment

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/pages/deplopages", "pages_build_version": "4fd754f7e594640989b406850d0bc8f06a121251", "oidc_token": "eyJ0eXA10iJKV1QiLCJhbGc10iJSUzIINiIsIng1dC16IIVZRlh4SUhlY0JFc1JCdEttemUxUEhfUERiVSIsImtpZC16IJUyRjE5N0M00DFERTc 757Yr07a2112kNlnvyIypcN6AeIc7BxHsTTnZN9Ud_xmEsTrSRG0EKmzCFkULQ6N4zlVD0sidypmXlMemmWEcv_ZHqhioEI_VMp5vwXQurketWH7qX4oDg64okyYtPrv5RQHbfQcVo9izaPJ_jnsDd0CBA0Q0x9InjPidtIkMYQLyUgJy33HLJy86EFNUnAf8UhBQ

Response

Example response Response schema

Status: 200

{ "status url": "https://api.github.com/repos/github/developer.github.com/pages/deployments/4fd754f7e594640989b406850d0bc8f06a121251/status", "page url": "developer.github.com" }

Get a DNS health check for GitHub Pages &

Works with <u>GitHub Apps</u>

Gets a health check of the DNS settings for the CNAME record configured for a repository's GitHub Pages.

The first request to this endpoint returns a 202 Accepted status and starts an asynchronous background task to get the results for the domain. After the background task completes, subsequent requests to this endpoint return a 200 OK status with the health check results in the response.

To use this endpoint, you must be a repository administrator, maintainer, or have the 'manage GitHub Pages settings' permission. A token with the repo scope or Pages write permission is required. GitHub Apps must have the administrative:write and pages:write permissions.

Parameters for "Get a DNS health check for GitHub Pages"

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.

HTTP response status codes for "Get a DNS health check for GitHub Pages"

Status code	Description
200	ОК
202	Empty response
400	Custom domains are not available for GitHub Pages
494	Resource not found
422	There isn't a CNAME for this page

Code samples for "Get a DNS health check for GitHub Pages"



Response

Example response Response schema

Status: 200

{ "domain": { "host": "example.com", "uri": "http://example.com/", "nameservers": "default", "dns_resolves": true, "is_proxied": false, "is_cloudflare_ip": false, "is_fastly_ip": false, "is_old_ip_address": false, "is_a_record": true, "has_cname_record": false, "has_mx_records_present": false, "is_valid_domain": true, "is_apex_domain": true, "should_be_a_record": true, "is_cname_to_github_user_domain": false, "is_cname_to_pages_dot_github_dot_com": false, "is_cname_to_fastly": false, "is_pointed_to_github_pages_ip": true, "is_non_github_pages_ip_present": false, "is_pointed_to_github_pages_ip": true, "is_non_github_pages_ip_present": false, "is_pointed_to_github_pages_ip": true, "is_non_github_pages_ip_present": false, "is_pointed_to_github_pages_ip": true, "is_non_github_pages_ip_present": false, "is_pointed_to_github_pages_ip": true, "is_valid": true, "reason": null, "responds_to_https": true, "enforces_https": true, "https_error": null, "is_https_eligible": true, "caa_error": null, "alt_domain": { "host": "www.example.com", "uri": "http://www.example.com", "nameservers": "default", "dns_resolves": true, "is_proxied": false, "is_cloudflare_ip": false, "is_fastly_ip": false, "is_old_ip_address": "http://www.example.com", "nameservers": "default", "dns_resolves": true, "is_proxied": false, "is_cloudflare_ip": false, "is_fastly_ip": false, "is_old_ip_address": "http://www.example.com", "nameservers": "default", "dns_resolves": true, "is_proxied": false, "is_cloudflare_ip": false, "is_fastly_ip": false, "is_old_ip_address": "http://www.example.com", "nameservers": "default", "dns_resolves": true, "is_proxied": false, "is_cloudflare_ip": false, "is_fastly_ip": false, "is_old_ip_address": "http://www.example.com", "nameservers": "default", "dns_resolves": true, "is_proxied": false, "is_cloudflare_ip": false, "is_fastly_ip": false, "i

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