

Troubleshooting 404 errors for GitHub Pages sites

This guide will help you troubleshoot common reasons you may be seeing a 404 error.

GitHub Pages is available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see "[GitHub's plans](#)."

Troubleshooting 404 errors [↗](#)

In this guide you'll find common reasons you may be seeing a 404 error while building your GitHub Pages site.

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GitHub's Status page [↗](#)

If you see a 404 error while building a GitHub Pages site, first check GitHub's [Status page](#) for any active incidents.

DNS setup [↗](#)

Make sure GitHub's DNS records are set up correctly with your DNS provider. For more information, see "[Managing a custom domain for your GitHub Pages site](#)."

Browser cache [↗](#)

If your GitHub Pages site is private and you see a 404 error, you may need to clear your browser's cache. For more information on clearing your cache, see your browser's documentation.

index.html file [↗](#)

GitHub Pages will look for an `index.html` file as the entry file for your site.

- Make sure you have an `index.html` file in the repository for your site on GitHub Enterprise Cloud. For more information, see "[Creating a GitHub Pages site](#)."
- The entry file must be at the top level of your chosen publishing source. For

example, if your publishing source is the `/docs` directory on the `main` branch, your entry file must be located in the `/docs` directory on a branch called `main`.

If your publishing source is a branch and directory, the entry file must be at the top level of the source directory on the source branch. For example, if your publishing source is the `/docs` directory on the `main` branch, your entry file must be located in the `/docs` directory on a branch called `main`.

If your publishing source is a GitHub Actions workflow, the artifact that you deploy must include the entry file at the top level of the artifact. Instead of adding the entry file to your repository, you may choose to have your GitHub Actions workflow generate your entry file when the workflow runs.

- The name of the `index.html` file is case sensitive. For example, `Index.html` will not work.
- The name of the file should be `index.html`, not `index.HTML` or any other variation.

Directory contents

Check that your directory contents are in the root directory.

Custom domain

If you're using a custom domain, make sure it's set up correctly. For more information, see "[About custom domains and GitHub Pages](#)."

- The `CNAME` record should always point to `<USER>.github.io` or `<ORGANIZATION>.github.io`, excluding the repository name. For more information about how to create the correct record, see your DNS provider's documentation.
- If you are able to access your landing page, but encounter broken links throughout, it is likely because you either didn't have a custom domain name before or are reverting back from having a custom domain name. In such cases, changing the routing path does not initiate a rebuild of the page. The recommended solution is to ensure that your site rebuilds automatically when adding or removing a custom domain name. This may involve configuring a commit author and modifying the custom domain name settings.

Repository

Check whether your repository meets the following requirements.

- The branch you are using to publish your site must be the `main` or default branch.
- The repository must have a commit pushed to it by someone with admin permissions for the repository, such as the repository owner.
- Switching the repository's visibility from public to private or vice versa will change the URL of your GitHub Pages site, which will result in broken links until the site is rebuilt.

If you are still receiving a 404 error, start a [GitHub Community discussion](#) in the Pages category.

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