

# A test of Netlify CMS with GitHub OAuth provider tokens

**Step 1:** Use the Netlify CMS demo template: <https://github.com/behoppe/one-click-hugo-cms> which is deployed at <https://joyful-bavarois-1533f6.netlify.app>

**Step 2:** Invite [behoppe@mit.edu](mailto:behoppe@mit.edu) to use admin for the new site. Behoppe logs in to Netlify CMS using git-gateway successfully.

**Step 3:** Use behoppe to create 2 new GitHub orgs. Invite beh33 to join both (and he accepts).

- <https://github.com/Pathways-to-Open-Source-Ecosystems>
- <https://github.com/My-Permissive-Organization>

**Step 4:** Change backend of one-click-hugo-cms from git-gateway to github

- Edit admin/config.yml: add repo: behoppe/one-click-hugo-cms

**Step 5:** From behoppe's Netlify account > Access Control, add GitHub OAuth

- Follow <https://docs.netlify.com/visitor-access/oauth-provider-tokens/>
- With behoppe account on GitHub, create OAuth app "[Netlify CMS joyful-bavarois](#)"

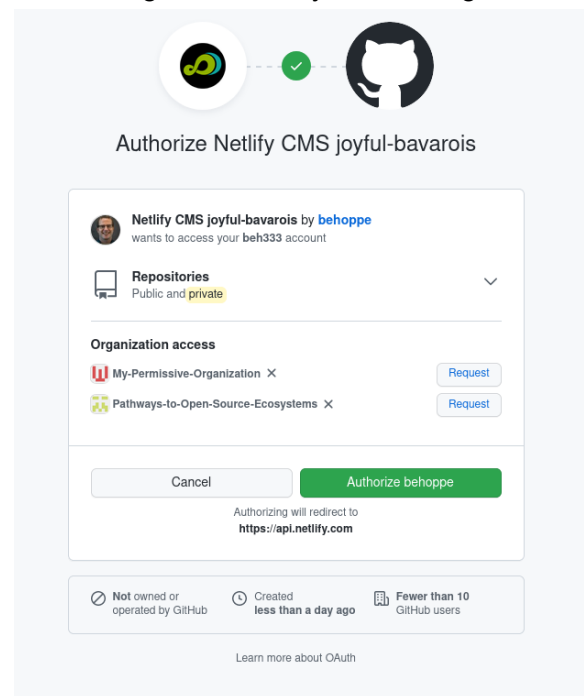
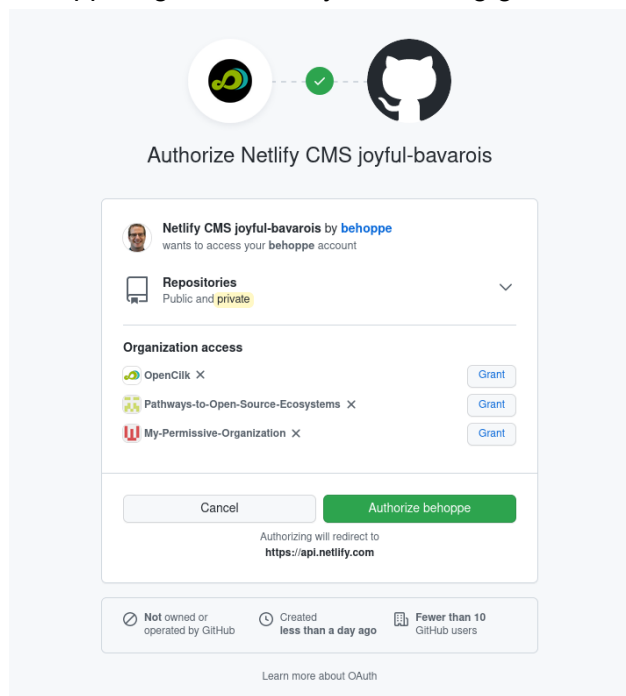
Note:

- My-permissive-Organization still uses defaults
- For the OpenCilk organization: behoppe is an owner; beh333 is not a member.

**Step 6:** Observe that authorization offers appropriate choices:

Behoppe logs in to Netlify CMS using github

Beh333 logs in to Netlify CMS using GitHub



## Step 7: Change My-Permissive-Organization to allow third-party access

**My-Permissive-Organization**  
Organization account [Switch to another account](#) Go to your organization profile

General

Access

Billing and plans

Member privileges

Team discussions

Import/Export

Moderation

Code, planning, and automation

Repository

Actions

Webhooks

### Third-party application access policy

Policy: **Access restricted** ✓

Only approved applications can access data in this organization. Applications owned by **My-Permissive-Organization** always have access.

[Remove restrictions](#)

**No pending requests**

As members request access for specific applications, those requests will be listed here for your approval. You can start by browsing [your own authorized applications](#).

When authorized, applications can act on behalf of organization members. Your access policy determines which applications can access data in your organization. [Read more about third-party access and organizations](#).

**Are you sure?**

You're about to remove all third-party application restrictions. Please read this carefully.

Removing third-party application restrictions will immediately give member authorized applications access to private data in the **My-Permissive-Organization** organization. Please be sure you want to do this.

[Yes, remove application restrictions](#)

## Step 8: Observe that authorization offers different options than before, still appropriate:

Behoppe logs in to Netlify CMS using GitHub

Authorize Netlify CMS joyful-bavarois

Netlify CMS joyful-bavarois by behoppe wants to access your behoppe account

Repositories: Public and private

Organization access

- My-Permissive-Organization ✓
- OpenCilk X [Grant](#)
- Pathways-to-Open-Source-Ecosystems X [Grant](#)

[Cancel](#) [Authorize behoppe](#)

Authorizing will redirect to <https://api.netlify.com>

Not owned or operated by GitHub | Created less than a day ago | Fewer than 10 GitHub users

[Learn more about OAuth](#)

Beh333 logs in to Netlify CMS using GitHub

Authorize Netlify CMS joyful-bavarois

Netlify CMS joyful-bavarois by behoppe wants to access your beh333 account

Repositories: Public and private

Organization access

- My-Permissive-Organization ✓
- Pathways-to-Open-Source-Ecosystems X [Request](#)

[Cancel](#) [Authorize behoppe](#)

Authorizing will redirect to <https://api.netlify.com>

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The green check indicates that the user belongs to an organization that has removed restrictions on third-party access.