

DAY 3 DATA & API INTEGRATION MIGRATION

```
Create a new project or select an existing one Create new project
Your project name: Y2api
Your content will be stored in a dataset that can be public or private, depending on
whether you want to query your content with or without authentication.
The default dataset configuration has a public dataset named "production".
Use the default dataset configuration? Yes
Creating dataset
Would you like to add configuration files for a Sanity project in this Next.js folder? Yes
Do you want to use TypeScript? Yes
Would you like an embedded Sanity Studio? Yes
What route do you want to use for the Studio? /studio
Select project template to use Clean project with no predefined schema types
Would you like to add the project ID and dataset to your .env.local file? Yes
Added http://localhost:3000 to CORS origins
Running 'npm install --legacy-peer-deps --save @sanity/vision@3 sanity@3 @sanity/image-url@1 styled-components@6'
npm warn deprecated @sanity/block-tools@3.70.0: Renamed - use '@portabletext/block-tools' instead. '@sanity/block-tools' will no longer receive updates.
Added 906 packages, changed 1 package, and audited 1275 packages in 14m
42 packages are looking for funding
  run 'npm fund' for details
  moderate severity vulnerability
  To address all issues, run:
    npm audit fix --force
  Run 'npm audit' for details.
Added 16 packages, and audited 1291 packages in 34s
42 packages are looking for funding
  run 'npm fund' for details
  moderate severity vulnerability
  To address all issues, run:
    npm audit fix --force
  Run 'npm audit' for details.
Success! Your Sanity configuration files has been added to this project
```

The screenshot shows the Sanity Studio web interface. At the top, there's a header with the project name 'Y2api' and a '30 days left in trial' badge. Below the header, a navigation bar contains links for 'Getting started', 'Overview', 'Members', 'Studios', 'Datasets', 'Access', 'Activity', 'Usage', 'Plan', 'API', and 'Settings'. The main content area is titled 'GROQ-powered webhooks' and includes a description: 'HTTP callbacks to a given URL triggered by changes in your content lake.' It also shows '0 of 2 webhooks (2 included in plan)' and a '+ Create webhook' button. A 'What's new' sidebar on the left mentions 'Sanity Create Content Mapping, Visual Editing, and Content Releases'. The main content area also features a 'Learn more about webhooks' link and a 'Get more webhooks' button. A large empty box with a box icon and the text 'There are no GROQ-powered webhooks in this project' is visible, with a link to 'Guide to creating a new webhook'.

What's new

Sanity Create Content Mapping, Visual Editing,

CORS origins

Hosts that can connect to the project API.

| ORIGIN | CREDENTIALS | CREATED | |
|-----------------------|-------------|------------|--|
| http://localhost:3000 | Allowed | 29 minutes | |
| http://localhost:3333 | Allowed | 31 minutes | |

+ Add CORS origin

localhost:3000/studio/structure/product

Avion

Plant pots Ceramics Tables Chairs Crockery Tableware Cutlery

Default + Create

Structure Vision Schedules

Content

Product

Category

Product

Search list

Marble Ease

Vase Set

The Dandy chair

Bright Space

Cloud Haven Chair

Bold Nest

Sunny Chic

What's new

Sanity Create Content Mapping, Visual Editing, and Content Releases

Webhooks

CORS origins

Tokens

Tokens

Tokens are used to authenticate apps and scripts to access project data.

| NAME | PERMISSIONS | CREATED | |
|-------|-------------|----------|--|
| day 3 | Developer | 1 minute | |

Copy the token below – this is your only chance to do so!

skSARusjqJLas1ZBB6jcq45I8rNsZE1DSHqPHmqnyg13sOIZppI3Dnygsh6js0g2RZU5jqJoVkpPerkUukkw0dbwVy0Dm2d3ReGvSVkKcQzB0iS4VAFUeUVZ2ww4CpH2Fr208rXoC3PIrBumiSodD3qaFjsQKX1EQJ0aq1oZppkNq4ocfXSIu

+ Add API token

Webhooks

CORS origins

Tokens

Tokens

Tokens are used to authenticate apps and scripts to access project data.

[+ Add API token](#)

| NAME | PERMISSIONS | CREATED |
|-------|-------------|----------|
| day 3 | Developer | 1 minute |

Copy the token below – this is your only chance to do so!

```
skSARusjqJLas1ZBB6jqc45I8rNsZE1DShqPHmqnyg13sOIZppI3Dnygsh6jsOg2RZU5jqJvKPeRkUuKkw0db  
wVy0Dm2d3ReGvSVkKcQzB0iS4VAFueUVZ2ww4CpH2Fr208rXoCJPIrBumi5odD3qaFjsQKX1EQJ0aq1oZppkNq  
4ocfXSIu
```

What's new

```
sanity > schemaTypes > TS products > TS product
1 import { defineType, defineField } from "sanity"
2
3 export const product = defineType({
4   name: "product",
5   title: "Product",
6   type: "document",
7   fields: [
8     defineField({
9       name: "category",
10      title: "Category",
11      type: "reference",
12      to: [{
13        type: "category"
14      }]
15    }),
16    defineField({
17      name: "name",
18      title: "Title",
19      validation: (rule) => rule.required(),
20      type: "string"
21    }),
22    defineField({
23      name: "slug",
24      title: "Slug",
25      validation: (rule) => rule.required(),
26      type: "slug"
27    }),
28    defineField({
29      name: "image",
30      type: "image",
31      validation: (rule) => rule.required(),
32    })
33  ]
34 })
```

```
1 import { createClient } from '@sanity/client';
2 import axios from 'axios';
3 import dotenv from 'dotenv';
4 import { fileURLToPath } from 'url';
5 import path from 'path';
6 import slugify from 'slugify';
7
8 const __filename = fileURLToPath(import.meta.url);
9 const __dirname = path.dirname(__filename);
10 dotenv.config({ path: path.resolve(__dirname, '../.env.local') });
11
12 const client = createClient({
13   projectId: process.env.NEXT_PUBLIC_SANITY_PROJECT_ID,
14   dataset: process.env.NEXT_PUBLIC_SANITY_DATASET,
15   useCdn: false,
16   token: process.env.SANITY_API_TOKEN,
17   apiVersion: '2021-08-31'
18 });
19
20 async function uploadImageToSanity(imageUrl) {
21   try {
22     console.log('Uploading image: ${imageUrl}');
23     const response = await axios.get(imageUrl, { responseType: 'arraybuffer' });
24     const buffer = Buffer.from(response.data);
25     const asset = await client.assets.upload('image', buffer, {
26       filename: imageUrl.split('/').pop()
27     });
28     console.log('Image uploaded successfully: ${asset.id}');
29     return asset.id;
30   } catch (error) {
31     console.error('Failed to upload image:', imageUrl, error);
32   }
33 }
```

```
node_modules > @sanity > client > umd > JS sanityClient.js > <-function> > isInvalidURL
5 })(this, (function (exports) { 'use strict';
3715 return /^\/d{4}-d{2}-d{2}\/.test(dateString) ? !!Date.parse(dateString) : false;

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
Processing product: Sunny Chic
Uploading image: https://cdn.sanity.io/images/r1847jqu/production/ed5874fb4408ee4ff897075bad504056cb87388c-4000x3907.jpg
Image uploaded successfully: image-29e3993cfc3f28149ef0615a5cf933a8100e243b-4000x3907.jpg
Imported product: Sunny Chic
Processing product: Bold Nest
Uploading image: https://cdn.sanity.io/images/r1847jqu/production/75ef174ddda5862f2b2e869b169d8c0fbc7ce15b-4160x4160.jpg
Image uploaded successfully: image-4d749d58f7cf906766229e32feb894a85ac88756-4160x4160.jpg
Imported product: Bold Nest
Processing product: Cloud Haven Chair
Uploading image: https://cdn.sanity.io/images/r1847jqu/production/78683aab6c58d367f91e411f2e2aea5f06a9a9b7-3264x4902.jpg
Image uploaded successfully: image-a309259aad5aa63a3b438ed9c42339a1c8375a3a-3264x4902.jpg
Imported product: Cloud Haven Chair
Processing product: Bright Space
Uploading image: https://cdn.sanity.io/images/r1847jqu/production/d32066d0882c1632e027b053564115ed460e09eb-3393x5090.jpg
Image uploaded successfully: image-d32066d0882c1632e027b053564115ed460e09eb-3393x5090.jpg
Imported product: Bright Space
Processing product: The Dandy chair
Uploading image: https://cdn.sanity.io/images/r1847jqu/production/e2cc69a6c9f9d1ff1fcf8e839844240e16f5f758-305x375.png
Image uploaded successfully: image-e2cc69a6c9f9d1ff1fcf8e839844240e16f5f758-305x375.png
Imported product: The Dandy chair
Processing product: Vase Set
Uploading image: https://cdn.sanity.io/images/r1847jqu/production/8795ff7bdb3d810dbe0c3eb52cd22116c9115bce-305x375.png
Image uploaded successfully: image-8795ff7bdb3d810dbe0c3eb52cd22116c9115bce-305x375.png
Imported product: Vase Set
Processing product: Marble Ease
Uploading image: https://cdn.sanity.io/images/r1847jqu/production/7f6146b6625bf94030f2aa896e9b0c847e5f4919-8000x8000.jpg
Image uploaded successfully: image-7f6146b6625bf94030f2aa896e9b0c847e5f4919-8000x8000.jpg
Imported product: Marble Ease
Data import completed!
PS C:\Users\youhib\Desktop\ecombyby-youthibshiehtmltemplate 2 c>
History restored
```

Successfully migrated & imported Data
And rendered data on frontend