





IMPORT DATA FROM API TO SANITY

1: Data is fetched from an external API using a library like fetch or axios, which is provided. The response typically includes structured information such as names, prices, descriptions, and image URLs.

importSanityData.mjs is used to fetch data from an external API and import it into the Sanity content management system. This script utilizes the Sanity client to programmatically create and populate documents in the Sanity database.

API INTEGRATION

An API defines a set of rules and protocols that enable applications to communicate.

- Use tools or libraries (e.g., fetch, axios in JavaScript) to make requests to the API.
- Importing/exporting data to/from content management systems like Sanity.

```
nt.assets.upload('image', buffer, {
it('/').pop()
ded successfully: ${asset._id}`)
 upload image:', imageUrl, error)
oducts from API...');
xios.get('https://next-ecommerce-template-4.vercel.app/api/product');
ponse.data;
contains the "products" array
  !Array.isArray(productsData.products)) {
id data format: "products" array is missing.');
sData.products;
roducts.length} products`);
                                                               [c:∖] node
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21 modules)
```

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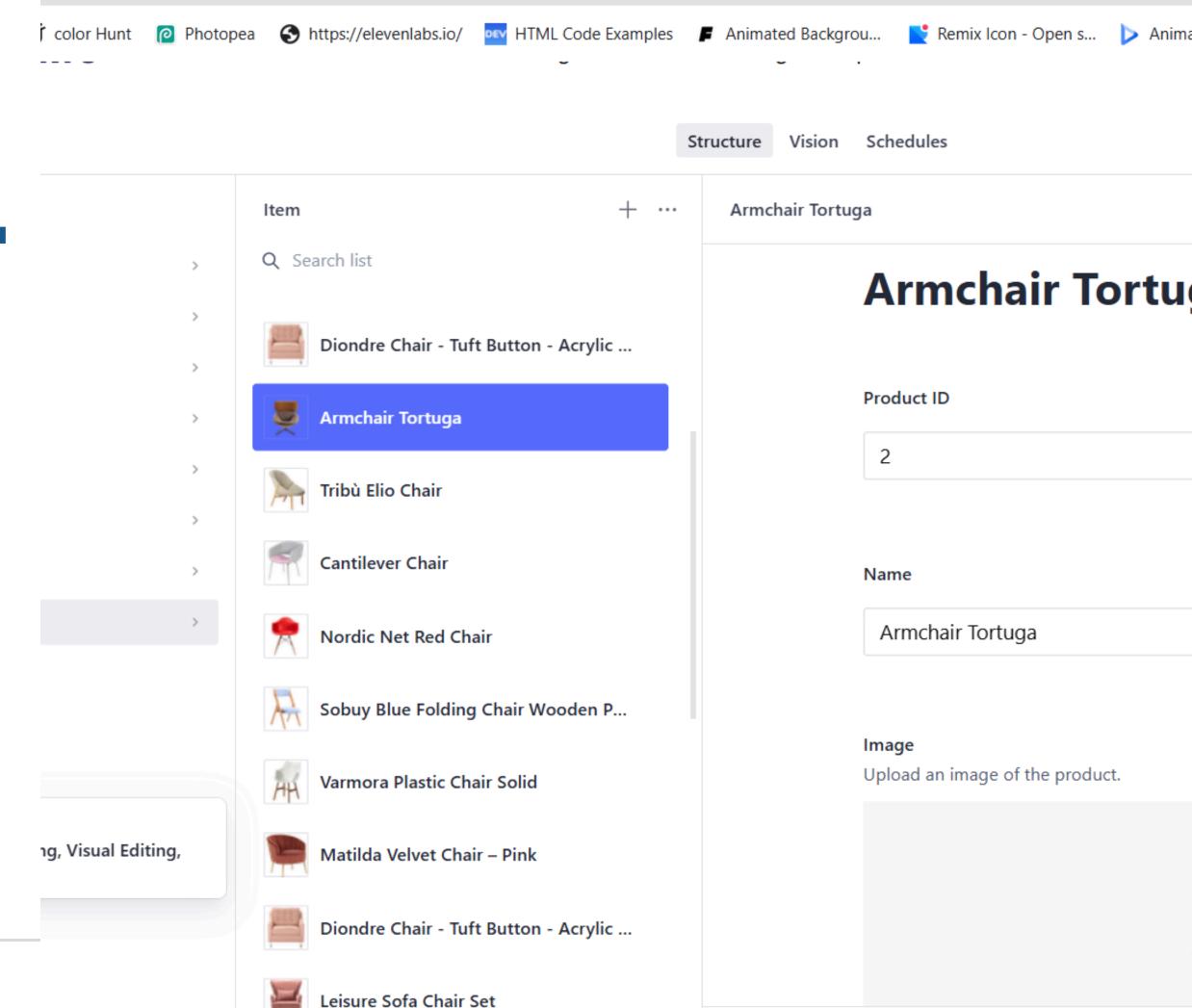
IMPLEMENTATION

Sanity's content management capabilities to fetch data from an external API, store it in Sanity's database, and make it available for querying

- Sign up in sanity then create
 Token which is necessary for API
 integration
- After create Token used to built groq query for fetching Data.
 Ensure the API data matches the expected schema in Sanity.

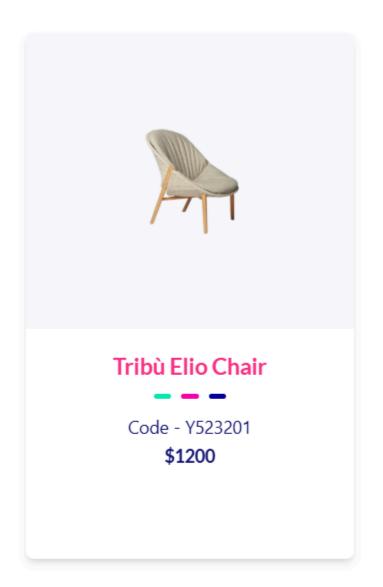
```
83 ~
                         Js importSanityData.mjs X
importSanityData.mjs > 🕅 uploadImageToSanity
ync function importData() {
   // Upload the image to Sanity and get the reference ID
   let imageRef = null;
   if (product.imagePath) {
     imageRef = await uploadImageToSanity(product.imagePath);
   // Create a product object for Sanity
   const sanityProduct = {
     _type: 'item',
     id: product.id,
     name: product.name,
     description: product.description,
     price: parseFloat(product.price), // Convert price to a number
     discountPercentage: product.discountPercentage | 0, // Default to 0
     isFeaturedProduct: product.isFeaturedProduct | false, // Default to
     stockLevel: product.stockLevel || 0, // Default to 0 if missing
     category: product.category | 'Uncategorized', // Default category
     image: imageRef ? {
       _type: 'image',
       asset: {
         _type: 'reference',
         _ref: imageRef,
     } : undefined,
   };
 OUTPUT
         DEBUG CONSOLE
                        TERMINAL
                                 PORTS
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ed /griddefault in 4.7s (2821 modules)
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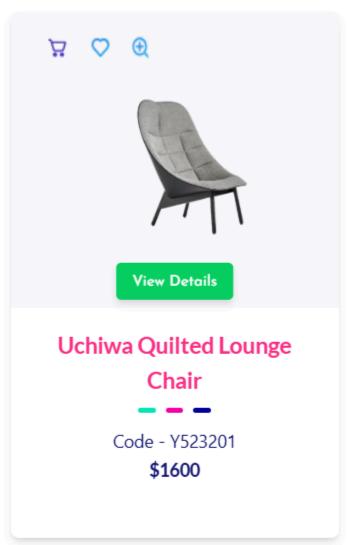
SANITY OUTPUT

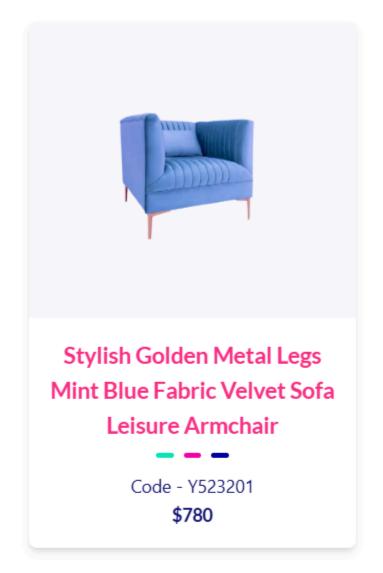


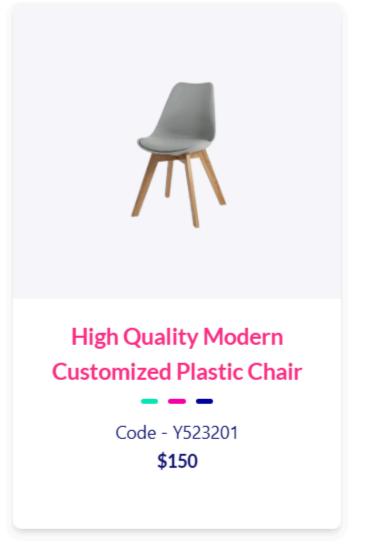
Browser OUTPUT

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