



# Calling an API with JavaScript

This lesson teaches how to call an API with JavaScript.

Now that we know the address and data format of our example API, let's try to show its result on a web page. To do so, we'll leverage our AJAX knowledge from the previous chapter. Check out the following example, which shows how to access the article list from the API.

Here's the HTML code for the page and the associated JavaScript code.

Output
JavaScript
HTML
<pre>// Fetch data from the API fetch("https://thejsway-server.herokuapp.com/api/articles")   .then(response =&gt; response.json()) // Translate JSON into JavaScript   .then(articles =&gt; {     articles.forEach(article =&gt; {       // Create title element       const titleElement = document.createElement("h3");       titleElement.textContent = article.title;       // Create content element       const contentElement = document.createElement("p");       contentElement.textContent = article.content;       // Add title and content to the page       const articlesElement = document.getElementById("articles");       articlesElement.appendChild(titleElement);       articlesElement.appendChild(contentElement);     });   })   .catch(err =&gt; {     console.error(err.message);   });</pre>



Using a web API works just like querying a web server: fetching the API URL, translating the JSON response into a JavaScript array and iterating on it.

