

Getting Started

Promise based HTTP client for the browser and node.js

What is Axios?

Axios is a <u>promise-based</u> HTTP Client for <u>node.js</u> and the browser. It is <u>isomorphic</u> (= it can run in the browser and nodejs with the same codebase). On the server-side it uses the native node.js http module, while on the client (browser) it uses XMLHttpRequests.

Features

- Make XMLHttpRequests from the browser
- Make http requests from node.js
- Supports the **Promise** API
- Intercept request and response
- Transform request and response data
- Cancel requests
- Timeouts
- Query parameters serialization with support for nested entries
- Automatic request body serialization to:
 - JSON (application/json)
 - Multipart / FormData (multipart/form-data)
 - URL encoded form (application/x-www-form-urlencoded)
- Posting HTML forms as JSON
- Automatic JSON data handling in response
- Progress capturing for browsers and node.js with extra info (speed rate, remaining time)
- Setting bandwidth limits for node.js
- Compatible with spec-compliant FormData and Blob (including node.js)
- Client side support for protecting against XSRF

Installing

Using npm:

Using bower:

\$ bower install axios

Using yarn:

\$ yarn add axios

Using jsDelivr CDN:

```
<script src="https://cdn.jsdelivr.net/npm/axios/dist/axios.min.js"></script>
```

Using unpkg CDN:

```
<script src="https://unpkg.com/axios/dist/axios.min.js"></script>
```

Prebuilt CommonJS modules for direct importing with require (if your module bundler failed to resolve them automatically)

```
const axios = require('axios/dist/browser/axios.cjs'); // browser
const axios = require('axios/dist/node/axios.cjs'); // node
```

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