API

This project provides you different solutions to test your frontend implementation with an API by:

- [running our official backend implementation locally](#)
- [hosting your own API](#)
- [using the API deployed for the official demo](#)

Run the official backend implementation locally

The official backend implementation is open-sourced.
You can find the GitHub repository [here](#).
The Readme will provide you guidances to start the server locally.

:::info
We encourage you to use this implementation's **main** branch for local tests as the **limited** one includes [limitations](#)
aimed to protect public-hosted APIs.
:::

Host your own API

The official backend implementation includes a **[Deploy to Heroku](#) button**.
This button provides you a quick and easy way to deploy the API on Heroku for your frontend implementation.

:::caution The official backend implementation repository includes two branches:

- the **main** branch which adheres to the RealWorld backend specs
- the **limited** branch which includes limitations for public-hosted APIs

The **limited** branch will be more suitable if you plan to host your implementation. [Here](#) is the list of the limitations. :::

Demo API

This project provides you with a public hosted API to test your frontend implementations.
Point your API requests to `https://api.realworld.io/api` and you're good to go!

API Usage

The usage of the API is free and non-limited by any kind of key.

The public API is currently hosted on a free plan project on Heroku.
If the hosted API receives no traffic in 30 minutes, it will sleep. In such a situation, there will be an additional delay on the first request.

Non-demo Articles, Tags, and Comments are deleted on a daily basis to avoid additional costs.

Swagger documentation

The API exposes a **Swagger** documentation on `https://api.realworld.io/api-docs` .

Most of the requests require a valid token.

Retrieve a token

You can retrieve a token by logging in or by registering.

Log in : https://api.realworld.io/api-docs/#/User%20and%20Authentication/Login
Register: https://api.realworld.io/api-docs/#/User%20and%20Authentication/CreateUser

- Click the `Try it out` button
- populate the body input with the related credentials
- Click `Execute` button
- Copy the token from the response body

Register the token
- Click `Authorize` button on top of the Swagger documentation page
- Populate the field with `Token <generated token>`

API Limitations

:::info To provide everyone a **safe** and **healthy** experience, the following limitations have been introduced in 2021 :::

The visibility of user content is limited :

- logged out users see only content created by demo accounts
- logged in users see only their content and the content created by demo accounts