

# OpenAPI

Use our OpenAPI spec to easily view APIs, create code and mock servers, and more.[Suggest Edits](#)

[OpenAPI Specification](#) (OAS) OpenAPI Specification (OAS) is an API description format for REST APIs. Our OpenAPI 3.0 files allow you to view our APIs with your preferred tool, generate code, create mock servers and generate Postman collections.

- If you work regularly in Postman, Circle offers a pre-packaged [Postman](#)
- collection for your convenience.

## OpenAPI Files

Circle offers you an OpenAPI file for each of the products we offer. To acquire any or all of them, visit [Circle's OpenAPI repository](#) at Github.

## Alternate Viewers

Would you rather view Circle's OpenAPI files within your own API viewer rather than the provided API References? Here are some viewers that we recommend:

Whatever the reason may be, if you prefer your own API viewer over the provided API References you can use Circle's [OpenAPI](#) files to view them in your tool of choice.

Here are some great viewers that we like:

1. [Swagger Editor/Viewer](#)
2. [Swagger Hub](#)
3. (Requires an account)
4. Visual Studio Code: [OpenAPI \(Swagger\) Editor](#)
5. by 42Crunch or [Swagger Viewer](#)
6. by Arjun G

## Generate Code

Use [Circle's OpenAPI files](#), to auto-generate client code in your chosen programming language. Try using an OpenAPI generator like [Swagger](#).

## Mock Server

To reduce time in development and testing, use Circle's OpenAPI to run a mock server of Circle's APIs locally and in your CI environments. A mock API server allows you to emulate a real API (such as Circle) locally, in your test environments, and/or publicly. This mock server can receive requests and will respond to them with static or dynamic data that simulates what the real API would return.

## Getting started

Use the open-source tool [Prism](#) to generate a mock server from Circle's OpenAPI specification. Prism is an open-source HTTP mock server that can mimic an API's behavior as if it were a real server. Prism generates mock HTTP servers from your OpenAPI v2/v3 (aka Swagger) documents.

To Install Prism, run either of these two commands:

Text `npm install -g @stoplight/prism-cli`

## OR

`yarn global add @stoplight/prism-cli` Next, feed a specification file to Prism so that it can generate the desired mock API server.

Text `prism mock https://raw.githubusercontent.com/circlefin/openapi/master/openapi/json/payments.json` At this point you should see a trace ending with the word start in green.

Now you can send requests via cURL or Postman to the destination Prism is listening on. Updated 4 months ago [Table of Contents](#) \* \* [OpenAPI Files](#) \* \* [Alternate Viewers](#) \* \* [Generate Code](#) \* \* [Mock Server](#) \* \* \* [Getting started](#)