

Testing Task - Ruby API - Geolocation with external integration

Need to write a simple API backed by any kind of database. The application should be able to store geolocation data in the database, based on IP address or URL. You can use <https://ipstack.com/> as a service provider for geolocation data. The API should be able to add, delete or provide geolocation data on the base of ip address or URL.

Application specification:

It should be a RESTful API

Keep it mind that the geolocation module should be written in the way that in the future it should be easy to change the service provider.

It is preferable that the API operates using JSON (for both input and output). Ideally it should follow JSON API standard.

The solution should also include base specs/tests coverage. If you don't have enough time, write complete specs for selected endpoint or module.

As a bonus you can make all endpoints secure, not available to public.

How to submit: Create a public Git repository and share the link with us

Notes:

Pay special attention to handling errors and edge cases. We will test the behavior of the system under various "unfortunate" conditions.

We will run the application on our local machines for testing purposes. This implies that the solution should provide a quick and easy way to get the system up and running, including test data (hint: you can add Docker support so we can run it easily)