

Storage problem

We receive some records in a CSV file (example promotions.csv attached) every 30 minutes. We would like to store these objects and access them by an endpoint.

Given an ID the endpoint should return the object if there is one, otherwise, return not found.

Example:

```
curl https://localhost:1321/promotions/172FFC14-D229-4C93-B06B-F48B8C095512  
{ "id": "172FFC14-D229-4C93-B06B-F48B8C095512", "price": 9.68,  
  "expiration_date": "2022-06-04 06:01:20" }
```

Implementation notes:

- The application could be written in any language;
- Every new file is immutable, that is, you should erase and write the whole storage;
- Main deliverable is the code for the app including usage instructions, ideally in a repo/github gist.

Additionally, provide answers to these questions (e.g. in README):

- The .csv file could be very big (billions of entries) - how would your application perform? How would you optimize it?
- How would your application perform in peak periods (millions of requests per minute)? How would you optimize it?
- How would you operate this app in production (e.g. deployment, scaling, monitoring)?