LiveMentor - Technical Test #1

Estimated time: 2 to 3 hours

Goal

The goal of this test is to write a small Ruby lib aiming to convert JSON files composed of arrays of objects (all following the same schema) to a CSV file where one line equals one object.

Sample files

Two sample files can be downloaded at this location:
https://gist.github.com/juliendbg/572cb1be3001616614b8d0552517197c

- `users.json` is a sample input file in the JSON format
- `users.csv` is a sample output file in the CSV format as expected to be produced by the lib

Further information

- First line of CSV file holds field names
- For nested object (`profiles` for instance), absolute path must be defined using dots as delimiter `profiles.facebook.id` for instance)
- Array values must be transformed as string with delimiter. For instance `["lorem", "ipsum"]` could become `"lorem,ipsum"`. Beware of CSV file integrity !
- `json` and `csv` modules from standard Ruby lib can be used in this test
- We are aware that some gems already do this job but we are interested in reading YOUR code :)

What are we expecting ?

We are interested in seeing code that is:

- clean
- extensible
- robust (don't overlook edge cases, use exceptions where needed, …)
- tested

How to submit my test ?

Create a new repository on your Github account. Don't have a Github account yet ? It's time to create one.

Don't hesitate to write shameless code at first, and then refactor it in the next commits.

Don't forget to write a README with some code sample on how to use your lib.

Send us the link of the repository once you are done !