

# LiveMentor - Technical Test #1

Estimated time: 1 to 2 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

Sample input JSON file:

<https://gist.githubusercontent.com/gregclermont/ca9e8abdff5dee9ba9db/raw/7b2318efcf8a7048f720bcaff2031d5467a4a2c8/users.json>

Sample output CSV file:

<https://gist.githubusercontent.com/gregclermont/ca9e8abdff5dee9ba9db/raw/21d32a7a306b3cd91f45f89b52469283cde243d5/users.csv>

## 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 !