Smarterer Code Challenge

Background

Parsing and manipulating data as well as constructing endpoints to access data are two tasks we commonly encounter. In this challenge we present you with a dump of questions that must be parsed and made accessible in a RESTful manner. Our goal is to gain an understanding of your design choices when attacking such problems.

Objective

Parse the data dump and make the data accessible in a structured, RESTful manner. Feel free to complete the challenge in any language of your choice.

Expectations

The endpoint(s) should allow an end user to read out a single question, get a listing of all questions, edit a question and create a question. While the challenge is designed to be 'open-ended', the endpoint(s) should allow an end user to apply various operations, such as filtering, sorting and pagination of the data.

Data Summary

The data is tabular, with each column separated by a vertical pipe, '|'. The column headings are '*question*', '*answer*' and '*distractors*'. Each record represents a single multiple choice question. If multiple distractors (a wrong answer) exist they are separated by a comma. Below is an example:

> *question|answer|distractors*
> *...*
> *What is 7343 - 6708?|635|688, 7171, 7023*
> *...*

The Final Result

Upon completion of the challenge please email your code (or GitHub link) and the endpoint(s) with instructions to jim@smarterer.com. Following submission and pending review you will be asked to present your solution, in person.

Questions?

Email jim@smarterer.com