

PHP Test

Purpose

The purpose of this test is to assess your knowledge of PHP, your ability to read and meet requirements, and to analyze your coding style. This is your opportunity to show us your skill as a developer and your knowledge of PHP. We hope you enjoy the challenge.

Goal

As a developer I want to transform a fixed width file into easily readable output so I can quickly and easily review the data in a financial transfer file.

Acceptance Criteria

Given a file of fixed width values as defined below and included with these directions, output each line of the file as a list of definitions and values sorted by the business name.

Must be able to run the command at the command line as follows.

```
php parse_flatfile.php data.txt
```

(data.txt is the file of fixed width values)

Validate each row is the correct length. If a row is too long output the line number and an error message.

Running the command will output vertically:

Line Number, The line number in the file.

Definition: Value

....

<LINE BREAK>

Applying the template above a real example would look like:

Line Number: 1

Serial Number: 0000000000000001

Language: ENU

Business Name: Steve's Pizza Place

Business Code: UAF2624a

Authorization Code: UTBN2345

Timestamp: 2014-10-13 08:12:14

Submission

Include all code in a single file, file_format.php.

Do not try to account for different locations for the php binary.

Make sure your code runs on PHP 5.3 or greater.

Your code must run cleanly with no errors. Set error reporting to E_STRICT

Bonus points for including the following elements:

- Writing your code as objects
- Including PHP class keywords, namespaces, closures.
- Using the SPL Library
- [Docblock documentation](#)

Have Fun!

Flat File Spec

Column Definitions:

Column One

Definition: serial number

Data Type: left padded integer

Length 16

Column Two

Definition: Language

Data Type: string

Length: 3

Column Three

Definition: Business Name

Data Type: string

Length: 32

Column Four

Definition: Business Code

Data Type: string

Length: 8

Column Five

Definition: Authorization Code

Data Type: string

Length 8

Column six

Definition: Timestamp
Data Type: timestamp
Length: 20