#### **CSV TO SIMPLE TEXT FORMAT**

#### PRESENTATION

Application to transform CSV text into simple text format, through CLI or a browser. Through CLI, the application behavior was tested using NodeJS v16.15.0 API only.

## CONTEXT

At the beginning, the application was created to allow simple conversion processes, from CSV into XML. But, after some tests, I conclude it can be used not only for conversions from CSV into XML, but from CSV to all desired simple text format (plain text) which is a set of repeatable categorized data.

## THE PHILOSOPHY

Convert the repeatable CSV data, into a desired repeatable simple text format, like XML.

## **USING**

Can be used through CLI and browser. Using through a browser is the easiest way. Using through the CLI requires NodeJS, and the required inputs are passed to the application through files. The required input data are:

- 1. CSV data (required CLI and browser);
- 2. Desired repeatable template (required CLI and browser);
- 3. Header text, which is a non-repeatable text that occurs before the repeatable ones (required CLI);
- 4. Footer text, which is a non-repeatable text that occurs after the repeatable ones (required CLI).

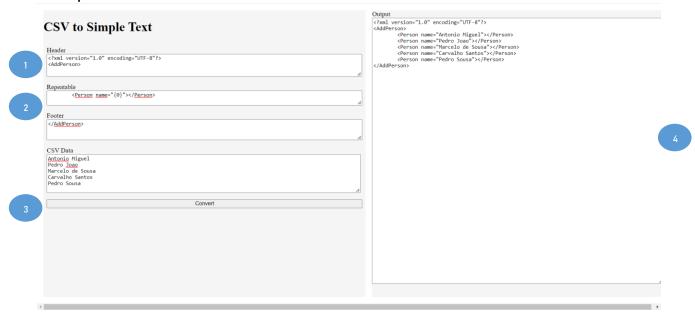
The webpage can be access through the following link:

https://tpbm.github.io/CSV-to-Simple-Text-Format/

## **HOW TO USE**

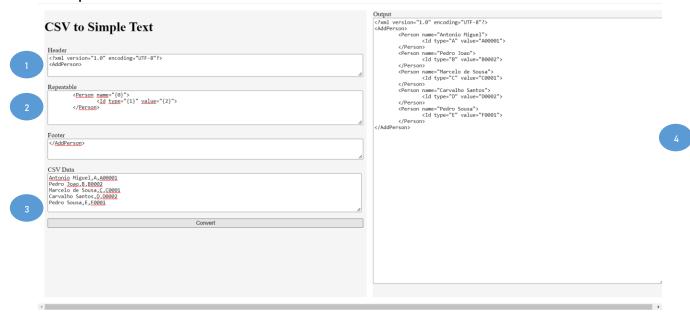
# Through Browser

## Example 1



- 1. Non repeatable text that occurs before the repeatable ones;
- 2. Desired repeatable template. Each place that must take a value from CSV, must be marked as {0}, {1}, {n} according to the number of columns on CSV data. In this example, only one column is being considered;
- 3. CSV data;
- 4. The output.

## Example 2



- 1. Non repeatable text that occurs before the repeatable ones;
- 2. Desired repeatable template. Each place that must take a value from CSV, must be marked as {0}, {1}, {n} according to the number of columns on CSV data. In this example, two columns are being considered;
- 3. CSV data;
- 4. The output.

## Through CLI

```
:\Users\telmo.marinho\Desktop\NodeJS\CSV to Simple Text Format>..\node-v16.15.0-win-x64\node.exe index_en.js
Welcome to 'CSV to Simple Text File' convertor :-D
or each file, always indicate the extension.
The location of the files is relative to the execution location.
Indicate the CSV file: input.txt
Indicate the final file: output.xml
Indicate the file with the header: header.txt
Indicate the file with the footer: footer.txt
Indicate the file with the template: repeatable.txt
File with the output created!
  <?xml version="1.0" encoding="UTF-8"?>
- <AddPerson>
       <Person name="Antonio Miguel"/>
       <Person name="Pedro Joao"/>
       <Person name="Marcelo de Sousa"/>
       <Person name="Carvalho Santos"/>
       <Person name="Pedro Sousa"/>
   </AddPerson>
```