Building my Curriculum Vitae (CV)

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Online version: https://paulojeronimo.com/cv/README.html

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1. Introduction

This document explains how I build my résumé:

https://paulojeronimo.com/cv/en/resume.pdf
https://paulojeronimo.com/cv/en/cv.pdf

Its source code is available here:

https://paulojeronimo.com/cv/source-code.zip

2. Prerequisites

1. Bash installed (version 5 or superior).
2. `asciidoctor` installed (for HTML generation).
3. `asciidoctor-pdf` installed (for PDF generation).
4. `w3m` installed (for TXT generation).
5. `pandoc` installed (for DOCX generation).
6. `serve` installed (via `npm install -g serve`).
7. Other required tools: `git`, `zip`, `rsync`, and `tree`.

3. Downloading and extracting the source code

```
$ curl https://paulojeronimo.com/cv/source-code.zip -o paulojeronimo-cv.zip
$ unzip paulojeronimo-cv.zip
$ cd cv
```

4. Developing it locally

4.1. Building and viewing the generated files

```
$ ENVIRONMENT=development ./build
$ ./build serve
```

Open http://localhost:1234/en.

4.2. Stoping the local web server

```
$ ./build serve stop
```

5. Generating all the static formats (HTML, TXT, PDF and DOCX)

```
$ ./build
```

Open `en/index.html`.

6. Building all the files for a specific language (en as a sample)

```
$ ./en/build
```

7. Listing the generated files

```
$ ./build show-results
```

8. Generate all the files required to publish

```
$ ./build
$ ./build publish
```

9. Publish all the generated files to GitHub Pages

```
$ ./build
$ ./build publish-to-gh-pages
```

10. Deleting the generated files

```
$ ./build clean
```

11. TODO (some ideas)

1. **Create a Linux Container** to build the the development environment for this project.
2. **Separate the data and the presentation**. This is an old demand that I now have to find find to implement. Today they are merged in the AsciiDocs.
    a. The data will be available in the JSON Resume format. But I don't like to write JSON files! So, I will generate it from YAML or TOML files.
3. **Generate the AsciiDoc files**. It will merge the JSON Resume data with templates I will create using Nunjucks and TypeScript.
4. **Use Artificial Intelligence APIs** to translate my CV from English to other languages more quickly.
    a. https://py-googletrans.readthedocs.io/en/latest/
    b. https://developer.grammarly.com/