

EL30 – Senior Web Dev II

Assignment #1

Due Date: July 22nd – end of day (midnight)

Last submission policy: None

Coding Task – XML Data Importer

Goal

We would like to see a command-line program, based on the Symfony CLI component if you will use PHP (<https://symfony.com/doc/current/components/console.html>). The program should process a local or remote XML file and store the data in a CSV file. Build the code in a way that we can easily add another storage adapter if we want to store the data somewhere else (SQLite, MySQL,...)

Bonus: Ideally, you deliver this program as an executable Docker container. However, non-dockerized application is also fine.

Specifications

1. The program should read in a local or remote xml file (configurable as a parameter)
2. Errors should be written to a logfile

Coding Style

Of course your code has to work, but we are especially interested in how you have solved the task.

- Which patterns have been used?
- How easy is it to set up the environment and run your code?
- How is your code structured?
- How performant is your code?
- Have you applied SOLID and/or CLEAN CODE principles?
- Are tests available and how have they been set up?