

# BBM104 - ASSIGNMENT 2

## REPORT

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This assignment was such a challenge for me. Even though we've practiced most of the material from Assignment 1, I still had issues that took hours. I'll briefly explain what I find the most important issues that I had;

### 1)Reading files:

At this step, I checked my Assignment 1 project and applied the same algorithm. However, there were unexpected white lines and those white lines wasted me several hours while reading other parts of the code.

solution: .trim() method fixed this problem.

### 2)Trying to match my output with yours:

It might be the hardest concept of this Assignment since I had to think how to match my output to yours at every part of the code I'm writing. I had a specific issue with "," while outputting ratings with decimals.I tried to fix it if-else blocks but still I am not sure if it's done perfectly.

solution: I've tested my code with every completed code block.

### 3)Number of functions:

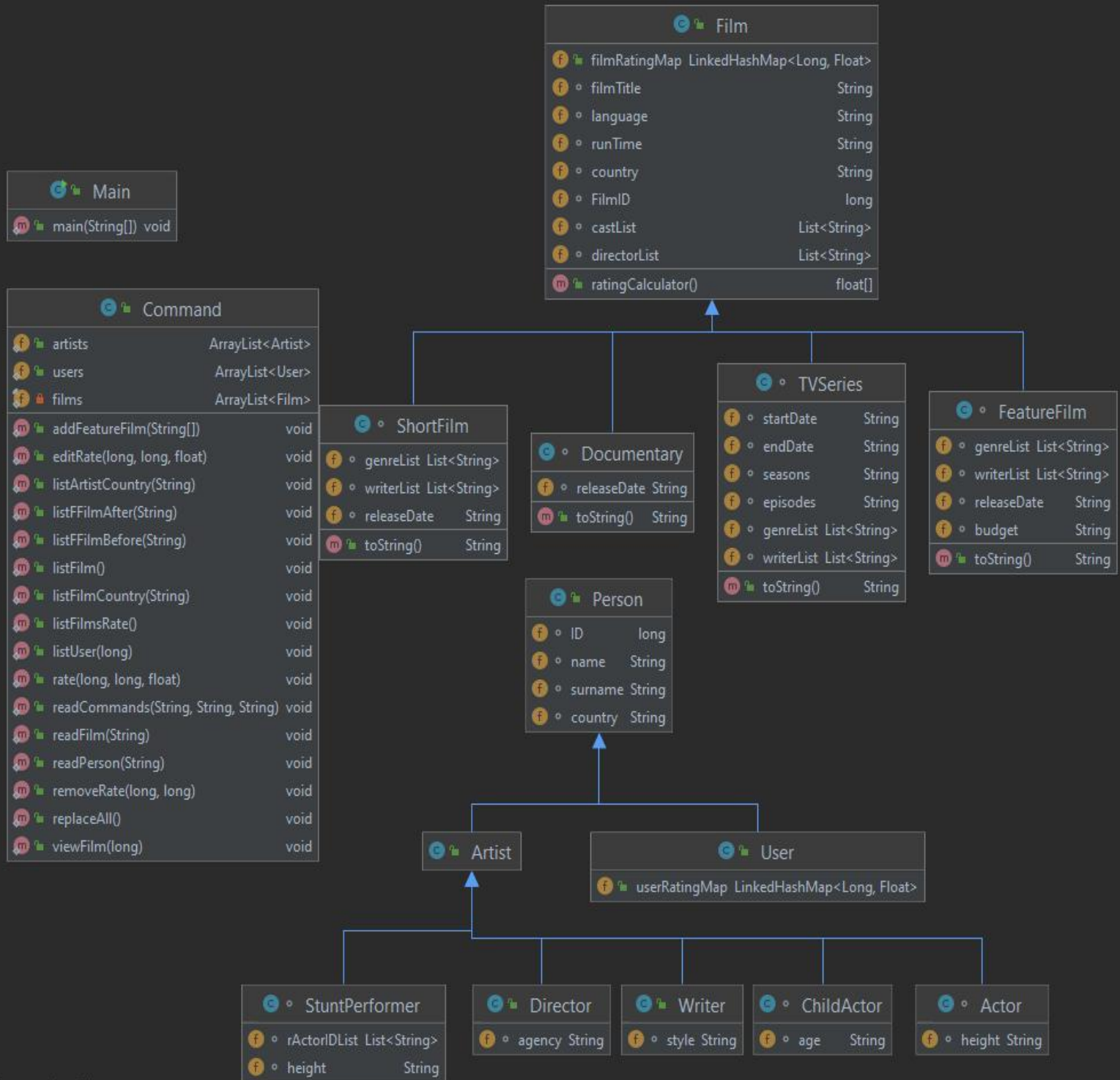
There were some easy functions(methods in this manner) and hard ones but the number of functions and keeping track of all of them was a challenge.

solution: I've created a checklist to see where I am at in this project and what to do next.

I chose to make my methods and variables public because commands were taken from another outside source from our code. But if we have been told that users will be able to interact with code outside from command.txt, I would consider making some of the class attributes and methods private. Still it's an easy job to fix it. I know how access modifiers work in Java but I chose my way like this.

But in the end, it is done and ready. I learned so much from it and I appreciate you for helping us along this assignment.

Here is my class diagram:



As you can see, I applied inheritance and it helped me to build these relations and also developed my OOP logic.

## References:

BBM 102 Slides

<https://docs.oracle.com/en/java/>

IntelliJ Idea (for class diagrams)

GitHub

Piazza comments