architectural problems

Jabberpoint OOD

Ian Donker 4629981

29-01-2024

# Introduction

In this report we go over the problems found with Jabberpoint. Jabberpoint is a primitive tool for presentations written in Java. The application contains a few basic functions and can read an external, static, presentation. These presentations come in the form of a XML file. Jabberpoint, unfortunately, is not a modern application and contains a lot of questionable design choices

# Found problems

## XML Accessor and the accessor class

The program uses an accessor class for the XML files and loading a demo presentation. This makes the program slow.

### proposed fix

I propose to scrap the accessor class and make the XMLAccessor connect directly with the MenuController. Which makes it possible to make presentations directly through the menu as seen in the refactored class diagram in part 2 of the assignment. Having the option to add slides, other menus and about me’s makes it easier than writing XML files for a presentation.

## No style creation

There are levels for style creation which act as headers. There is however no way to create separate styles for the levels.

### proposed fix

Making a styles class which holds an array of created styles and their designated levels makes it possible to have different styles for different slides. The various styles can be fetched by a get in the Style class.