LINGI2252 Assignment 2 report

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Contents

Part I

Introduction

In the first report, we try to do a manual analysis of *Glamour*. This first step gives us a global overview of *Glamour* and helps us to understand how *Moose* and his tools works. Because of the size of the system (about 270 classes), we use some tools in order to get some hints on where to begin. It wasn't exactly what was asked in the statement of the first report but now that we have all the tools in our hand, we can start looking more effectively for the needles in the haystack that Glamour is.

Moreover, we found some code duplication in the source code (but relatively few compared to the size of the framework) and the utilisation of the *Patern Obeserver* in the GLMPresentation class. We thus conclude that Glmamour was globally well-designed, despite the few code duplication.

The report will be divded in two parts:

1. We start by analyse the code using crieria not identifiable by metrics to see

   - How well the code is commented.
   - How good the naming convetion is.

2. Then, we develop a set of thresolded metrics we'll use later to analyse the code.

Part II

Code Analysis

Chapter 1

Architecture

1.1   Overview Pyramid

1.2   Complexity

Chapter 2

Comments

2.1 Introduction

Commenting code is important to improve **readability** and the **reusability**. All classes, method, or hard coded constant should be commented. Documentation make it easier for developpers to

Chapter 3

Naming Convention

Part III

Metrics-based analysis

Chapter 4

Introduction

Part IV

Conclusion

Part V

Annexes