SMCal - Software Metrics Calculator

MSc Software Engineering
Software Evolution
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1   Introduction

This paper presents a software metrics calculation tool, abbreviated as SM-Cal, designed to analyse Java projects. Its purpose is to provide analysis of projects across various software metrics, including volume, unit size, unit complexity, and code duplication. In addition, SMCal evaluates projects using the SIG Maintainability Model and provides scores for project's maintainability, analysability, changeability and testability.

2   Calculating metrics

Basic introductory text to this chapter

2.1   Volume

Text text text...

2.2   Unit Size

2.2.1   check1

ggvyvytv

2.3   Unit Complexity

Text text text...

2.4 Duplication

Text text text...

3 Results

Basic introductory text to this chapter

3.1 Maintainability

Text text text...

3.2 Analysability

Text text text...

3.3 Changeability

Text text text...

3.4 Testability

Text text text...

4 Conclusion

The conclusion of our work