A Literature Survey of Software Analytics

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Chapter 1

Preamble

The book you see in front of you is the outcome of an eight week seminar run by the Software Engineering Research Group (SERG) at TU Delft. We have split up the novel area of Software Analytics into several sub topics. Every chapter addresses one such sub-topic of Software Analytics and is the outcome of a systematic literature review a laborious team of 3-4 students performed.

With this book, we hope to structure the new field of Software Analytics and show how it is related to many long existing research fields.

Moritz Beller

1.1 License

Chapter 2

A contemporary view on Software Analytics

2.1 What is Software Analytics?

2.2 A list of Software Analytics Sub-Topics

Chapter 3

Sample Sub-Topic

This is an example for the deliverable every group works on. Every group works on one independent chapter (starting as one Rmd file).

Chapter 4

Final Words

We have finished a nice book on Software Analytics.

Chapter 5

Build analytics

5.1 Background

5.2 Research Questions

5.3 Search Strategy

Using the initial seed consisting of Bird and Zimmermann (2017), Beller et al. (2017a), **?**, Beller et al. (2017b), Pinto and Rebouças (2018), Zhao et al. (2017), Widder et al. (2018) and Hilton et al. (2016) we used references and similar keywords to find new papers to analyze.

5.4 Study Selection

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