Identification of Success and Failure Factors of Two Agile Software Development Teams in an Open Source Organization

Abstract:
Agile Software Development Methods and Free/Libre Open Source Development have been two embracing movements in the software industry for more than a decade. However, little is known about the composition of both while today a variety of studies provide us with key characteristics of each one. The study extracts the similarities and differences of both topics by means of an extensive literature review focusing on teams as research unit. Furthermore this study investigates two agile software development teams in an open source organization based on an explorative research design. The focus is on the empirical identification of success and failure in the application of agile methods in teams with open source background, structure and characteristics and in comparison with the literature findings. This study is still in progress, however first results as well as the methodology will be presented hereafter.

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