A Comparison between Commercial and Open Source Reference Implementations for the Rugby Process Model

Abstract:
Rugby is a process model for continuous software engineering which allows developers to continuously deliver prototypes and obtain feedback supporting software evolution. There is a reference implementation of Rugby with commercial enterprise tools used in university capstone courses. However, since these tools are expensive, there is a need to study less expensive alternatives which are available on the market to evaluate whether they can be used in Rugby. In this research, we compare a second reference implementation with the existing one, focusing on the core use cases and non-functional requirements of Rugby.

Stichworte:
Agile, Scrum, Rugby, Continuous Software Engineering, Issue Tracking, Version Control System, Continuous Integration, Continuous Delivery

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