Review of: "Formal Verification of a Change Control Process in Project Management"

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Potential competing interests: No potential competing interests to declare.

This paper works on the formalization of the change control process with temporal logic and its usage in the verification of process properties. It can be used as an effective tool to standardize the management of changes. There are some issues worthy of discussion:

1. The motivation of formal methods of ICC processes is to tame system design errors and reduce rework costs, as described in Section 2.2. However, if each change request has its workflow structure, it is unnecessary to develop a specific ICC workflow. So, there is a hidden assumption that most change requests share the same workflow structure.

2. States of a change request is the basic unit of the ICC process. The author didn't explain in detail how to determine all possible states of change requests. If they are determined automatically, please list all rules. Or, it may be manually done and reserved as future work.

3. The authors should refer to Xu and Salado's work on the mathematical modeling of the verification process. The frameworks are very similar because both are based on state transition models. The main difference lies in process application. Here the work about change control focuses more on the process properties.

3. Some figures need to be improved. Figures 2 and 3 have low quality. There is no legend for colors in Figures 4 and 5.