

To whom it may concern:

Enclosed is a manuscript which extends our SPAA submission which was entitled *Lock-free Transactions Without Rollbacks for Linked Data Structures*. We extend this work in the submitted manuscript.

The extensions are as follows:

- We include an obstruction-free version of our transactional transformation approach
 - We apply and compare this approach to the lock-free linked list and skiplist which were previously tested
 - We describe the necessary changes to the algorithms to derive the obstruction-free approach
 - We provide pseudocode showing these changes
 - Six new graphs show the results
- We extend our discussion of related work with a recently published paper by Spiegelman et al.
 - We could not directly compare against this new approach as the authors informed us that the code is proprietary
- We apply our approach to map data structures
 - The existing non-blocking data structure used is a state-of-the-art wait-free hash map
 - We discuss the changes to the structures, logical status interpretation and *UpdateInfo* algorithm that are required, and include relevant pseudocode
 - Three new graphs show the results

Thank you,

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