Virtualized Transactional Memory

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ABSTRACT
A pretty abstract description of things.

1. INTRODUCTION
Transactional Memory is pretty cool stuff. We decided to implement it.

2. BACKGROUND
Here is a random citation [1] so that I can make sure it creates the references section.

3. IMPLEMENTATION
4. DESIGN CHALLENGES
4.1 Current Assumptions
5. FUTURE WORK
6. CONCLUSIONS
7. REFERENCES

[1] M. Herlihy and J. Moss. Transactional memory: architectural support for lock-free data structures. *SIGARCH Comput. Archit. News*, 21(2):289–300, May 1993.