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Transactional Programming

NOrec STM

My implementation of the NOrec STM only seems to work when I use a printf statement to show the progress of the transaction count. Otherwise, it gets stuck after the last transaction and can’t join the thread. I kept receiving the \_\_\_ error. My runtime duration values did not seem appropriate for the disjoint access implementation. It increased duration with more threads as seen in the graph below. All of my transactions seem to have commit properly which I observed with printf statements so that leads me to believe that I am not joining threads properly. The join loop iterates the proper amount of times, so I think the problem could be with the very last transaction never committing. The regular access implementation seemed to show a reasonable duration curve at thread count increased. It is unclear what is causing this, but I believe it has to do with the printf statement issue from before.